ECONOMIC COMMISSION FOR EUROPE

Inland Transport Committee

Restructured

ADR

applicable as from 1 July 2001

European Agreement

Concerning the International Carriage
of Dangerous Goods by Road

Volume I

UNITED NATIONS

FOREWORD

The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR) was done at Geneva on 30 September 1957 under the auspices of the United Nations Economic Commission for Europe, and it entered into force on 29 January 1968. The Agreement itself was amended by the Protocol amending article 14 (3) done at New York on 21 August 1975, which entered into force on 19 April 1985.

According to article 2 of the Agreement, dangerous goods barred from carriage by Annex A shall not be accepted for international transport, while international transport of other dangerous goods shall be authorized subject to compliance with:

- the conditions laid down in Annex A for the goods in question, in particular as regards their packaging and labelling; and

- the conditions laid down in Annex B, in particular as regards the construction, equipment and operation of the vehicle carrying the goods in question.

Nevertheless, according to article 4, each Contracting Party shall retain the right to regulate or prohibit, for reasons other than safety during carriage, the entry of dangerous goods into its territory. Contracting Parties also retain the right to arrange, by bilateral or multilateral agreements, that certain dangerous goods which are prohibited from carriage by Annex A be internationally carried, subject to certain conditions, on their territories, or that dangerous goods authorized to be carried internationally according to Annex A be carried on their territories under conditions less stringent than those specified in Annexes A and B.

Annexes A and B have been regularly amended and updated since the entry into force of ADR. In this publication, also called "Restructured ADR", Annexes A and B are presented under a new format.

The decision to restructure ADR was taken by the Working Party on the Transport of Dangerous Goods (WP.15) of the Economic Commission for Europe's Inland Transport Committee at its fifty-first session (26-30 October 1992), on the basis of a proposal by the International Road Transport Union (TRANS/WP.15/124, para. 100-108). The main objectives were to make the requirements more accessible and more user-friendly so that they could be applied more easily not only to international road transport operations under ADR, but also to domestic traffic in all European States through national or European Community legislation, and ultimately to ensure a consistent regulatory framework at European level. It was also considered necessary to identify more clearly the duties of the various participants in the transport chain, to group more systematically the requirements concerning these various participants, and to differentiate the legal requirements of ADR from the european or international standards that could be applied to meet such requirements.

The restructuring work was first carried out by a working group on the restructured ADR under the auspices of WP.15, but it was soon decided (1994) to cooperate with the Intergovernmental Organization for International Carriage by Rail (OTIF) to ensure harmonization between ADR and the *Regulations concerning the International Carriage of Dangerous Goods by Rail* (RID).

In the mean time, the United Nations Committee of Experts on the Transport of Dangerous Goods also decided to reformat the United Nations *Recommendations on the Transport of Dangerous Goods* into "Model Regulations on the Transport of Dangerous Goods", the first version of which was published in 1996, and the structure of these Model Regulations has also been taken into account by WP.15.

As a consequence, the restructured ADR adopted by WP.15 at its sixty-ninth session (Geneva, 13-17 November 2000) is consistent with the United Nations *Recommendations on the Transport of Dangerous Goods, Model Regulations*, the *International Maritime Dangerous Goods Code*, the International Civil Aviation Organization's *Technical Instructions for the Safe Transport of Dangerous Goods by Air*, and is fully harmonized with RID.

Foreword

The structure has been split into nine parts, but still grouped under two annexes to align with the wording of article 2 of the Agreement itself. The lay-out is as follows:

Annex A: General provisions and provisions concerning dangerous articles and substances

Part 1 General provisions
Part 2 Classification
Part 3 Dangerous goods list, special provisions and exemptions related to dangerous goods packed in limited quantities
Part 4 Packing and tank provisions
Part 5 Consignment procedures
Part 6 Requirements for the construction and testing of packagings, intermediate bulk containers (IBCs), large packagings and tanks
Part 7 Provisions concerning the conditions of carriage, loading, unloading and handling

Annex B: Provisions concerning transport equipment and transport operations

Part 8 Requirements for vehicle crews, equipment, operation and documentation
Part 9 Requirements concerning the construction and approval of vehicles.

The replacement, as from 1 July 2001, of the previous Annexes A and B of ADR by these restructured annexes, which also include a number of substantial amendments adopted by WP.15 in 1999 and 2000, has been proposed by the Government of Portugal to all Contracting Parties in accordance with the amendment procedure of article 14 of ADR (Depositary Notification C.N.1078.2000.TREATIES-3 of 1 January 2001).

As indicated in paragraph 1.6.1.1 of Chapter 1.6, transitional measures have been provided for, according to which the requirements of ADR applicable up to 30 June 2001 may continue to be applied until 31 December 2002, unless otherwise provided (e.g. for radioactive material, see 1.6.6.4).

Part 1 of the restructured ADR, which contains general provisions and definitions, is an essential part, since it contains all definitions for terms used throughout the other parts, and it defines precisely the scope and applicability of ADR, including the possibility of exemptions, as well as the applicability of other regulations. It also contains provisions concerning training, derogations, transitional measures, as well as new provisions defining the respective safety obligations of the various participants in a chain of transport of dangerous goods. New provisions concerning checks and other support measures to ensure compliance with safety requirements, including requirements for safety advisers, have also been included.

Central to the use of the restructured ADR is table A of Chapter 3.2 which contains the dangerous goods list in the numerical order of UN numbers. Once the UN number of a specific dangerous substance or article has been determined, the table provides cross-references to specific requirements to be applied for the carriage of that substance or article, and to the chapters or sections where these specific requirements may be found. Nevertheless, it should be borne in mind that the general requirements or class specific requirements of the various Parts have to be applied in addition to specific requirements, as relevant.

An alphabetical index which indicates the UN number assigned to specific dangerous goods has been prepared by the secretariat and added as table B of Chapter 3.2 to facilitate the access to table A when the UN number is unknown. This table B is not an official part of ADR and has been added in the publication for easy reference only.

When goods which are known or suspected to be dangerous cannot be found by name in any of tables A or B, they have to be classified in accordance with Part 2, which contains all relevant procedures and criteria to determine whether such goods are deemed to be dangerous or not and which UN number should be assigned.

ADR is an agreement between States, and there is no overall enforcing authority. In practice, highway checks are carried out by Contracting Parties, and non-compliance may then result in legal action by national

authorities against offenders in accordance with their domestic legislation. ADR itself does not prescribe any penalties. At the time of publishing, those Contracting Parties are Austria, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, Slovakia, Slovenia, Spain, Sweden, Switzerland, the former Yugoslav Republic of Macedonia, Ukraine, United Kingdom, Yugoslavia *.

ADR applies to transport operations performed on the territory of at least two of the above-mentioned Contracting Parties. In addition, it should be noted that, in the interest of uniformity and free trading across the European Union (EU), Annexes A and B of ADR have now been adopted by EU Member States as the basis for regulation of the carriage of dangerous goods by road within and between their territories (Council directive 94/55/EC of 21 November 1994 on the approximation of the laws of the Member States with regard to the transport of dangerous goods by road, as amended, and, for the application of the restructured Annexes A and B, Commission directive 2001/7/EC of 29 January 2001). A number of non-EU countries have also adopted Annexes A and B of ADR as the basis for their national legislation.

For easy reference, the secretariat has included in this publication an appendix to Part 1 which contains the list of competent authorities of all Contracting Parties to ADR, up to date on 1 January 2001. Any query concerning the application of ADR should be directed to the relevant competent authority. Additional information may also be found on the UN/ECE Transport Division web site:

http://www.unece.org/trans/danger/danger.htm

This information concerns the status of ADR, competent authorities, text and status of multilateral agreements concluded under Chapter 1.5.

Corrigenda to this publication, if any, and amendments to ADR that may enter into force before publication of the next version of ADR will also be made available on the above web site.

* *This refers to the former Socialist Federal Republic of Yugoslavia which became a Contracting Party to ADR on 28 May 1971. The Federal Republic of Yugoslavia became a Member State of the United Nations on 1 November 2000 but it cannot be considered as a Contracting Party to ADR as long as it has not deposited an instrument of succession or accession to ADR with the Secretary-General of the United Nations.*

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EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR)

THE CONTRACTING PARTIES,

DESIRING to increase the safety of international transport by road,

HAVE AGREED as follows:

Article 1

For the purpose of this Agreement,

(a) the term "vehicle" shall mean motor vehicles, articulated vehicles, trailers and semi-trailers, as defined in article 4 of the Convention on Road Traffic of 19 September 1949, other than vehicles belonging to or under the orders of the armed forces of a Contracting Party;

(b) the term "dangerous goods" shall mean those substances and articles the international carriage by road of which is prohibited by, or authorized only on certain conditions by, Annexes A and B;

(c) the term "international transport" shall mean any transport operation performed on the territory of at least two Contracting Parties by vehicles defined in (a) above.

Article 2

1. Subject to the provisions of article 4, paragraph 3, dangerous goods barred from carriage by Annex A shall not be accepted for international transport.

2. International transport of other dangerous goods shall be authorized subject to compliance with:

(a) the conditions laid down in Annex A for the goods in question, in particular as regards their packaging and labelling, and

(b) the conditions laid down in Annex B, in particular as regards the construction, equipment and operation of the vehicle carrying the goods in question, subject to the provisions of article 4, paragraph 2.

Article 3

The Annexes to this Agreement shall form an integral part thereof.

Article 4

1. Each Contracting Party shall retain the right to regulate or prohibit, for reasons other than safety during carriage, the entry of dangerous goods into its territory.

2. Vehicles in service on the territory of a Contracting Party at the time of entry into force of this Agreement or brought into service on such territory within two months after its entry into force shall be allowed, for a period of three years from such entry into force, to perform the international transport of dangerous goods even if their construction and equipment do not entirely conform to the requirements laid down in Annex B for the transport operation in question. Under special clauses of Annex B, however, this period may be reduced.

3. The Contracting Parties shall retain the right to arrange, by special bilateral or multilateral agreements, that certain of the dangerous goods which under this Agreement are barred from all international transport may, subject to certain conditions, be accepted for international transport on their territories, or that dangerous goods which under this Agreement are acceptable for international transport only on specified conditions may be accepted for international transport on their territories under conditions less stringent than those laid down in the Annexes to this Agreement. The special bilateral or multilateral agreements referred to in this paragraph shall be communicated to the Secretary-General of the United Nations, who shall communicate them to the Contracting Parties which are not signatories to the said agreements.

Article 5

The transport operations to which this Agreement applies shall remain subject to national or international regulations applicable in general to road traffic, international road transport and international trade.

Article 6

1. Countries members of the Economic Commission for Europe and countries admitted to the Commission in a consultative capacity under paragraph 8 of the Commission's terms of reference may become Contracting Parties to this Agreement.

(a) by signing it;

(b) by ratifying it after signing it subject to ratification;

(c) by acceding to it.

2. Such countries as may participate in certain activities of the Economic Commission for Europe in accordance with paragraph 11 of the Commission's terms of reference may become Contracting Parties to this Agreement by acceding to it after its entry into force.

3. The Agreement shall be open for signature until 15 December 1957. Thereafter, it shall be open for accession.

4. Ratification or accession shall be effected by the depositing of an instrument with the Secretary-General of the United Nations.

Article 7

1. This agreement shall enter into force one month after the date on which the number of countries mentioned in article 6, paragraph 1, which have signed it without reservation of ratification or have deposited their instruments of ratification or accession has reached a total of five. However, the Annexes thereto shall not apply until six months after the entry into force of the Agreement itself.

2. For any country ratifying or acceding to this Agreement after five of the countries referred to in article 6, paragraph 1, have signed it without reservation of ratification or have deposited their instruments of ratification or accession, this Agreement shall enter into force one month after the said country has deposited its instrument of ratification or accession and the Annexes thereto shall apply for the said country either on the same date, if they are already in force by that date, or, if they are not in force by that date, on the date on which they apply under the provisions of paragraph 1 of this article.

Article 8

1. Any contracting Party may denounce this Agreement by so notifying the Secretary-General of the United Nations.

2. Denunciation shall take effect twelve months after the date of receipt by the Secretary-General of the notification of denunciation.

Article 9

1. This Agreement shall cease to have effect if, after its entry into force, the number of Contracting Parties is less than five during twelve consecutive months.

2. In the event of the conclusion of a worldwide agreement for the regulation of the transport of dangerous goods, any provision of this Agreement which is contrary to any provision of the said worldwide agreement shall, from the date on which the latter enters into force, automatically cease to apply to relations between the Parties to this Agreement which become parties to the worldwide agreement, and shall automatically be replaced by the relevant provision of the said worldwide agreement.

Article 10

1. Any country may, at the time of signing this Agreement without reservation of ratification or of depositing its instrument of ratification or accession or at any time thereafter, declare by notification addressed to the Secretary-General of the United Nations that this Agreement shall extend to all or any of the territories for the international relations of which it is responsible. The Agreement and the annexes thereto shall extend to the territory or territories named in the notification one month after it is received by the Secretary-General.

2. Any country which has made a declaration under paragraph 1 of this article extending this Agreement to any territory for whose international relations it is responsible may denounce the Agreement separately in respect of the said territory in accordance with the provisions of article 8.

Article 11

1. Any dispute between two or more Contracting Parties concerning the interpretation or application of this Agreement shall so far as possible be settled by negotiation between them.

2. Any dispute which is not settled by negotiation shall be submitted to arbitration if any one of the Contracting Parties in dispute so requests and shall be referred accordingly to one or more arbitrators selected by agreement between the Parties in dispute. If within three months from the date of the request for arbitration the Parties in dispute are unable to agree on the selection of an arbitrator or arbitrators, any of those Parties may request the Secretary-General of the United Nations to nominate a single arbitrator to whom the dispute shall be referred for decision.

3. The decision of the arbitrator or arbitrators appointed under paragraph 2 of this article shall be binding on the Contracting Parties in dispute.

Article 12

1. Each Contracting Party may, at the time of signing, ratifying, or acceding to, this Agreement, declare that it does not consider itself bound by article 11. Other Contracting Parties shall not be bound by article 11 in respect of any Contracting Party which has entered such a reservation.

2. Any Contracting Party having entered a reservation as provided for in paragraph 1 of this article may at any time withdraw such reservation by notifying the Secretary-General of the United Nations.

Article 13

1. After this Agreement has been in force for three years, any Contracting Party may, by notification to the Secretary-General of the United Nations, request that a conference be convened for the purpose of reviewing the text of the Agreement. The Secretary-General shall notify all Contracting Parties of the request and a review conference shall be convened by the Secretary-General if, within a period of four months following the date of notification by the Secretary-General, not less than one-fourth of the Contracting Parties notify him of their concurrence with the request.

2. If a conference is convened in accordance with paragraph 1 of this article, the Secretary-General shall notify all the Contracting Parties and invite them to submit within a period of three months such proposals as they may wish the Conference to consider. The Secretary-General shall circulate to all Contracting Parties the provisional agenda for the conference, together with the texts of such proposals, at least three months before the date on which the conference is to meet.

3. The Secretary-General shall invite to any conference convened in accordance with this article all countries referred to in article 6, paragraph 1, and countries which have become Contracting Parties under article 6, paragraph 2.

Article 14 *

1. Independently of the revision procedure provided for in article 13, any Contracting Party may propose one or more amendments to the Annexes to this Agreement. To that end it shall transmit the text thereof to the Secretary-General of the United Nations. The Secretary-General may also propose amendments to the Annexes to this Agreement for the purpose of ensuring concordance between those Annexes and other international agreements concerning the carriage of dangerous goods.

2. The Secretary-General shall transmit any proposal made under paragraph 1 of this article to all Contracting Parties and inform thereof the other countries referred to in article 6, paragraph 1.

3. Any proposed amendment to the Annexes shall be deemed to be accepted unless, within three months from the date on which the Secretary-General circulates it, at least one-third of the Contracting Parties, or five of them if one-third exceeds that figure, have given the Secretary-General written notification of their objection to the proposed amendment. If the amendment is deemed to be accepted, it shall enter into force for all the Contracting Parties, on the expiry of a further period of three months, except in the following cases:

(a) In cases where similar amendments have been or are likely to be made to the other international agreements referred to in paragraph 1 of this article, the amendment shall enter into force on the expiry of a period the duration of which shall be determined by the Secretary-General in such a way as to allow, wherever possible, the simultaneous entry into force of the amendment and those that have been made or are likely to be made to such other agreements; such period shall not, however, be of less than one month's duration;

(b) The Contracting Party submitting the proposed amendment may specify in its proposal, for the purpose of entry into force of the amendment, should it be accepted, a period of more than three months' duration.

4. The Secretary-General shall, as soon as possible, notify all Contracting Parties and all the countries referred to in article 6, paragraph 1, of any objection which may be received from the Contracting Parties to a proposed amendment.

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* *The text of Article 14, paragraph 3 incorporates a modification which entered into force on 19 April 1985 in accordance with a Protocol transmitted to Contracting Parties under cover of Depositary Notification C.N.229.1975.TREATIES-8 of 18 September 1975.*

5. If the proposed amendment to the Annexes is not deemed to be accepted, but if at least one Contracting Party other than the Contracting Party which proposed the amendment has given the Secretary-General written notification of its agreement to the proposal, a meeting of all the Contracting Parties and all the countries referred to in article 6, paragraph 1, shall be convened by the Secretary-General within three months after the expiry of the period of three months within which, under paragraph 3 of this article, notification must be given of objection to the amendment. The Secretary-General may also invite to such meeting representatives of:

(a) intergovernmental organizations which are concerned with transport matters;

(b) international non-governmental organizations whose activities are directly related to the transport of dangerous goods in the territories of the Contracting Parties.

6. Any amendment adopted by more than half the total number of Contracting Parties at a meeting convened in accordance with paragraph 5 of this article shall enter into force for all Contracting Parties in accordance with the procedure agreed at such meeting by the majority of the Contracting Parties attending it.

Article 15

In addition to the notifications provided for in articles 13 and 14, the Secretary-General of the United Nations shall notify the countries referred to in article 6, paragraph 1, and the countries which have become Contracting Parties under article 6, paragraph 2, of

(a) signatures, ratifications and accessions in accordance with article 6;

(b) the dates on which this Agreement and the Annexes thereto enter into force in accordance with article 7;

(c) denunciations in accordance with article 8;

(d) the termination of the Agreement in accordance with article 9;

(e) notifications and denunciations received in accordance with article 10;

(f) declarations and notifications received in accordance with article 12, paragraphs 1 and 2;

(g) the acceptance and date of entry into force of amendments in accordance with article 14, paragraphs 3 and 6.

Article 16

1. The Protocol of Signature of this Agreement shall have the same force, effect and duration as the Agreement itself, of which it shall be considered to be an integral part.

2. No reservation to this Agreement, other than those entered in the Protocol of Signature and those made in accordance with article 12, shall be permitted.

Article 17

After 15 December 1957, the original of this Agreement shall be deposited with the Secretary-General of the United Nations, who shall transmit certified true copies thereof to each of the countries referred to in article 6, paragraph 1.

IN WITNESS WHEREOF the undersigned, being duly authorized thereto, have signed this Agreement.

DONE at Geneva, this thirtieth day of September one thousand nine hundred and fifty-seven, in a single copy, in the English and French languages for the text of the Agreement proper, and in the French language for the Annexes, each text being equally authentic for the Agreement proper.

The Secretary-General of the United Nations is requested to prepare an authoritative translation of the Annexes in the English language and attach it to the certified true copies referred to in article 17.

PROTOCOL OF SIGNATURE

PROTOCOL OF SIGNATURE

TO THE EUROPEAN AGREEMENT ON THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR)

On proceeding to sign the European Agreement on the International Carriage of Dangerous Goods by Road (ADR) the undersigned, duly authorized,

1. **CONSIDERING** that the conditions governing the carriage of dangerous goods by sea to or from the United Kingdom differ basically from those set forth in Annex A to ADR and that it is impossible to modify them so as to conform to the latter in the near future;

   HAVING REGARD to the undertaking given by the United Kingdom to submit as an amendment to the said Annex A a special appendix containing special provisions for road-sea carriage of dangerous goods between the Continent and the United Kingdom;

   HAVE AGREED that, until the entry into force of such special appendix, dangerous goods carried under ADR to or from the United Kingdom shall comply with the provisions of Annex A to ADR and also with the United Kingdom conditions for the carriage of dangerous goods by sea;

2. **TAKE NOTE OF** a declaration by the representative of France to the effect that the Government of the French Republic reserves the right, notwithstanding the provisions of article 4, paragraph 2, to refuse to allow vehicles in service on the territory of another Contracting Party, whatever the date on which they were put into service, to be used for the carriage of dangerous goods on French territory unless such vehicles comply either with the conditions laid down for such carriage in Annex B or with the conditions laid down for the carriage of the goods in question in the French regulations governing the carriage of dangerous goods by road;

3. **RECOMMEND** that, before submission in accordance with article 14, paragraph 1, or article 13, paragraph 2, proposed amendments to this Agreement or its Annexes shall as far as possible first be discussed at meetings of experts of the Contracting Parties and, if necessary, of the other countries mentioned in article 6, paragraph 1, of the Agreement and of the international organizations mentioned in article 14, paragraph 5, of the Agreement.

ANNEX A

GENERAL PROVISIONS AND PROVISIONS CONCERNING DANGEROUS SUBSTANCES AND ARTICLES

PART 1

General provisions

CHAPTER 1.1

SCOPE AND APPLICABILITY

1.1.1 Structure

Annexes A and B of ADR are grouped into nine parts. Annex A consists of Parts 1 to 7, and Annex B of Parts 8 and 9. Each part is subdivided into chapters and each chapter into sections and sub-sections. Within each part the number of the part is included with the numbers of the chapters, sections and sub-sections, for example Part 4, Chapter 2, Section 1 is numbered "4.2.1".

1.1.2 Scope

1.1.2.1 For the purposes of Article 2 of ADR, Annex A specifies:

(a) dangerous goods which are barred from international carriage;

(b) dangerous goods which are authorized for international carriage and the conditions attaching to them (including exemptions) particularly with regard to:

- classification of goods, including classification criteria and relevant test methods;
- use of packagings (including mixed packing);
- use of tanks (including filling);
- consignment procedures (including marking and labelling of packages and placarding and marking of means of transport as well as documentation and information required);
- provisions concerning the construction, testing and approval of packagings and tanks;
- use of means of transport (including loading, mixed loading and unloading).

1.1.2.2 Annex A contains certain provisions which, according to Article 2 of ADR, pertain to Annex B or to both Annexes A and B, as follows:

1.1.1	Structure
1.1.2.3	(Scope of Annex B)
1.1.2.4	
1.1.3.1	Exemptions related to the nature of the transport operation
1.1.3.6	Exemptions related to quantities carried per transport unit
1.1.4	Applicability of other regulations
1.1.4.5	Carriage other than by road
1.2	Definitions and units of measurements
1.3	Training of persons involved in the carriage of dangerous goods
1.4	Safety obligations of the participants
1.5	Derogations
1.6	Transitional measures
1.8	Checks and other support measures to ensure compliance with safety requirements
1.9	Transport restrictions by the competent authorities

Chapter 3.1

Chapter 3.2 columns (1), (2), (14), (15) and (19) (application of provisions of Parts 8 and 9 to individual substances or articles).

1.1.2.3 For the purposes of Article 2 of ADR, Annex B specifies the conditions regarding the construction, equipment and operation of vehicles carrying dangerous goods authorized for carriage:

- requirements for vehicle crews, equipment, operation and documentation;

- requirements concerning the construction and approval of vehicles.

1.1.2.4 In Article 1(c) of ADR, the word "vehicles" need not refer to one and the same vehicle. An international transport operation may be performed by several different vehicles provided that the operation takes place on the territory of at least two Contracting Parties to ADR between the consignor and the consignee indicated in the transport document.

1.1.3 Exemptions

1.1.3.1 Exemptions related to the nature of the transport operation

The provisions laid down in ADR do not apply to:

(a) the carriage of dangerous goods by private individuals where the goods in question are packaged for retail sale and are intended for their personal or domestic use or for leisure or sporting activities;

(b) the carriage of machinery or equipment not specified in ADR and which happen to contain dangerous goods in their internal or operational equipment;

(c) the carriage undertaken by enterprises which is ancillary to their main activity, such as deliveries to building or civil engineering sites, or in relation to surveying, repairs and maintenance, in quantities of not more than 450 litres per packaging and within the maximum quantities specified in 1.1.3.6.
Carriage undertaken by such enterprises for their supply or external or internal distribution does not fall within the scope of this exemption;

(d) the carriage undertaken by, or under the supervision of, the emergency services, in particular by breakdown vehicles carrying vehicles which have been involved in accidents or have broken down and contain dangerous goods;

(e) emergency transport intended to save human lives or protect the environment provided that all measures are taken to ensure that such transport is carried out in complete safety.

NOTE: *For radioactive material see 2.2.7.1.2.*

1.1.3.2 Exemptions related to the carriage of gases

The provisions laid down in ADR do not apply to the carriage of:

(a) gases contained in the tanks of a vehicle, performing a transport operation and destined for its propulsion or for the operation of any of its equipment (e.g. refrigerating equipment);

(b) gases contained in the fuel tanks of vehicles transported. The fuel cock between gas tank and engine shall be closed and the electric contact open;

(c) gases of Groups A and O (according to 2.2.2.1), if the pressure of the gas in the receptacle or tank at a temperature of 15 °C does not exceed 200 kPa (2 bar) and if the gas is completely in the gaseous state during carriage. This includes every kind of receptacle or tank, e.g. also parts of machinery and apparatus;

(d) gases contained in the equipment used for the operation of the vehicle (e.g. fire extinguishers or inflated pneumatic tyres, even as spare parts or as a load);

(e) gases contained in the special equipment of vehicles and necessary for the operation of this special equipment during transport (cooling systems, fish-tanks, heaters, etc.) as well as spare receptacles for such equipment or uncleaned empty exchange receptacles, transported in the same transport unit;

(f) uncleaned empty fixed pressure tanks which are carried on condition that they are hermetically closed; and

(g) gases contained in foodstuffs or beverages.

1.1.3.3 Exemptions related to the carriage of liquid fuels

The provisions laid down in ADR do not apply to the carriage of:

(a) fuel contained in the tanks of a vehicle performing a transport operation and destined for its propulsion or for the operation of any of its equipment.
The fuel may be carried in fixed fuel tanks, directly connected to the vehicle's engine and/or auxiliary equipment, which comply with the pertinent legal provisions, or may be carried in portable fuel containers (such as jerricans).
The total capacity of the fixed tanks shall not exceed 1500 litres per transport unit and the capacity of a tank fitted to a trailer shall not exceed 500 litres. A maximum of 60 litres per transport unit may be carried in portable fuel containers. These restrictions shall not apply to vehicles operated by the emergency services;

(b) fuel contained in the tanks of vehicles or of other means of conveyance (such as boats) which are carried as a load, where it is destined for their propulsion or the operation of any of their equipment. Any fuel cocks between the engine or equipment and the fuel tank shall be closed during carriage unless it is essential for the equipment to remain operational. Where appropriate, the vehicles or other means of conveyance shall be loaded upright and secured against falling.

1.1.3.4 Exemptions related to special provisions or to dangerous goods packed in limited quantities

NOTE: *For radioactive material see 2.2.7.1.2.*

1.1.3.4.1 Certain special provisions of Chapter 3.3 exempt partially or totally the carriage of specific dangerous goods from the requirements of ADR. The exemption applies when the special provision is referred to in Column (6) of Table A of Chapter 3.2 against the dangerous goods entry concerned.

1.1.3.4.2 Certain dangerous goods packed in limited quantities may be subject to exemptions provided that the conditions of Chapter 3.4 are met.

1.1.3.5 Exemptions related to empty uncleaned packagings

Empty uncleaned packagings (including IBCs and large packagings) which have contained substances of Classes 2, 3, 4.1, 5.1, 6.1, 8 and 9 are not subject to the conditions of ADR if adequate measures have been taken to nullify any hazard. Hazards are nullified if adequate measures have been taken to nullify all hazards of Classes 1 to 9.

1.1.3.6 Exemptions related to quantities carried per transport unit

1.1.3.6.1 For the purposes of this sub-section, dangerous goods are assigned to transport categories 0, 1, 2, 3, or 4, as indicated in Column (15) of Table A of Chapter 3.2. Empty uncleaned packagings having contained substances assigned to transport category "0" are also assigned to transport category "0". Empty uncleaned packagings having contained substances assigned to a transport category other than "0" are assigned to transport category "4".

1.1.3.6.2 Where the quantity of dangerous goods carried on a transport unit does not exceed the values indicated in column (3) of the table in 1.1.3.6.3 for a given transport category (when the dangerous goods carried in the transport unit belong to the same category) or the value calculated in accordance with 1.1.3.6.4 (when the dangerous goods carried in the transport unit belong to different transport categories), they may be carried in packages in one transport unit without application of the following provisions:

- Chapter 1.3;
- Chapter 5.3;
- Section 5.4.3;
- Chapter 7.2, except for 7.2.3, V5, V7 and V8 of 7.2.4;
- CV1 of 7.5.11;
- Part 8 except for 8.1.2.1 (a) and (c),
  8.1.4.1 (a),
  8.3.4,
  Chapter 8.4,
  S1(3) and (6),
  S2(1) and (3),
  S4 and
  S14 to S21 of Chapter 8.5;
- Part 9.

NOTE: *For the information in the transport document see 5.4.1.1.10.*

1.1.3.6.3 Where the dangerous goods carried in the transport unit belong to the same category, the maximum total quantity per transport unit is indicated in column (3) of the table below.

Transport Category (1)	**Substances or articles packing group or classification code/group or UN No.** **(2)**	**Maximum total quantity per transport unit** **(3)**
0	Class 1: 1.1A/1.1L/1.2L/1.3L/1.4L and UN No. 0190 Class 3: UN No. 3343 Class 4.2: Substances belonging to packing group I Class 4.3: UN Nos. 1183, 1242, 1295, 1340, 1390, 1403, 1928, 2813, 2965, 2968, 2988, 3129, 3130, 3131, 3134, 3148 and 3207 Class 6.1: UN Nos. 1051, 1613, 1614 and 3294 Class 6.2: UN Nos. 2814 and 2900 (risk groups 3 and 4) Class 7: UN Nos. 2912 to 2919, 2977, 2978 and 3321 to 3333 Class 9: UN Nos. 2315, 3151, 3152 and equipment containing such substances or mixtures and empty uncleaned packagings having contained substances classified in this transport category	0
1	Substances and articles belonging to packing group I and not classified in transport category 0 and substances and articles of the following classes: Class 1: 1.1B to 1.1J [a] /1.2B to 1.2J/1.3C/1.3G/1.3H/1.3J/1.5D [a] Class 2: groups T, TC [a], TO, TF, TOC and TFC Class 4.1: UN Nos. 3221 to 3224 and 3231 to 3240 Class 5.2: UN Nos. 3101 to 3104 and 3111 to 3120	20
2	Substances or articles belonging to packing group II and not classified in transport categories 0, 1 or 4 and substances of the following classes: Class 1: 1.4B to 1.4G and 1.6N Class 2: group F Class 4.1: UN Nos. 3225 to 3230 Class 5.2: UN Nos. 3105 to 3110 Class 6.1: substances and articles belonging to packing group III Class 6.2: UN Nos. 2814 and 2900 (risk group 2) Class 9: UN No. 3245	333
3	Substances and articles belonging to packing group III and not classified in transport categories 0, 2 or 4 and substances and articles of the following classes: Class 2: groups A and O Class 8: UN Nos. 2794, 2795, 2800 and 3028 Class 9: UN Nos. 2990 and 3072	1 000
4	Class 1: 1.4S Class 4.1: UN Nos. 1331,1345,1944,1945,2254 and 2623 Class 4.2: UN Nos. 1361 and 1362 packing group III Class 7: UN Nos. 2908 to 2911 Class 9: UN No. 3268 and empty, uncleaned packagings having contained dangerous goods, except for those classified in transport category 0	unlimited

[a] *For UN Nos. 0081, 0082, 0084, 0241, 0331, 0332, 0482, 1005 and 1017, the total maximum quantity per transport unit shall be 50 kg.*

In the above table, "maximum total quantity per transport unit" means:

- for articles, gross mass in kilograms (for articles of Class 1, net mass in kg of the explosive substance);

- for solids, liquefied gases, refrigerated liquefied gases and gases dissolved under pressure, net mass in kilograms;

- for liquids and compressed gases, nominal capacity of receptacles (see definition in 1.2.1) in litres.

1.1.3.6.4 Where dangerous goods of different transport categories are carried in the same transport unit, the sum of

- the quantity of substances and articles of transport category 1 multiplied by "50",

- the quantity of substances and articles of transport category 1 referred to in Note a to the table in 1.1.3.6.3 multiplied by "20";

- the quantity of substances and articles of transport category 2 multiplied by "3", and

- the quantity of substances and articles of transport category 3

shall not exceed "1000".

1.1.3.6.5 For the purposes of this sub-section, dangerous goods exempted in accordance with 1.1.3.2 to 1.1.3.5 shall not be taken into account.

1.1.4 Applicability of other regulations

1.1.4.1 *(Reserved)*

1.1.4.2 ***Carriage in a transport chain including maritime or air carriage***

Packages, containers, portable tanks and tank-containers, which do not entirely meet the requirements for packing, mixed packing, marking, labelling of packages or placarding and orange plate marking, of ADR, but are in conformity with the requirements of the IMDG Code or the ICAO Technical Instructions shall be accepted for carriage in a transport chain including maritime or air carriage subject to the following conditions:

(a) If the packages are not marked and labelled in accordance with ADR, they shall bear markings and danger labels in accordance with the requirements of the IMDG Code or the ICAO Technical Instructions;

(b) The requirements of the IMDG Code or the ICAO Technical Instructions shall be applicable to mixed packing within a package;

(c) For carriage in a transport chain including maritime carriage, if the containers, portable tanks or tank-containers are not marked and placarded in accordance with Chapter 5.3 of this Annex, they shall be marked and placarded in accordance with Chapter 5.3 of the IMDG Code. In such case, only 5.3.2.1.1 of this Annex is applicable to the marking of the vehicle itself. For empty, uncleaned portable tanks and tank-containers, this requirement shall apply up to and including the subsequent transfer to a cleaning station.

This derogation does not apply in the case of goods classified as dangerous goods in classes 1 to 8 of ADR and considered as non-dangerous goods according to the applicable requirements of the IMDG Code or the ICAO Technical Instructions.

NOTE*: *For the information in the transport document see 5.4.1.1.7; for the container packing certificate, see 5.4.2.

1.1.4.3 ***Use of portable tanks approved for maritime transport***

Portable tanks which do not meet the requirements of Chapters 6.7 or 6.8, but which have been built and approved before 1 January 2003 in accordance with the provisions (including transitional provisions) of the IMDG Code (Amdt. 29-98) may be used until 31 December 2009 provided they are found to meet the applicable inspection and test provisions of the IMDG Code (Amdt. 29-98) and that the instructions referred to in Columns (12) and (14) of Chapter 3.2 of the IMDG Code (Amdt. 30-00) are fully complied with. They may continue to be used after 31 December 2009 if they meet the applicable inspection and test provisions of the IMDG Code, but provided that the instructions of Columns (10) and (11) of Chapter 3.2 of ADR and of Chapter 4.2 are complied with.

***NOTE:** For the information in the transport document, see 5.4.1.1.8.*

1.1.4.4 *(Reserved)*

1.1.4.5 ***Carriage other than by road***

1.1.4.5.1 If the vehicle carrying out a transport operation subject to the requirements of ADR is conveyed over a section of the journey otherwise than by road haulage, then any national or international regulations which, on the said section, govern the carriage of dangerous goods by the mode of transport used for conveying the road vehicle shall alone be applicable to the said section of the journey.

1.1.4.5.2 In the cases referred to in 1.1.4.5.1 above, the involved ADR Contracting Parties may agree to apply the requirements of ADR to the section of a journey where a vehicle is conveyed otherwise than by road haulage, supplemented, if they consider it necessary, by additional requirements, unless such agreements between the involved ADR Contracting Parties would contravene clauses of the international conventions governing the carriage of dangerous goods by the mode of transport used for conveying the road vehicle on the said section of the journey, e.g. the International Convention for the Safety of Life at Sea (SOLAS), to which these ADR Contacting Parties would also be contracting parties.

These agreements shall be notified by the Contracting Party which has taken the initiative thereof to the Secretariat of the United Nations Economic Commission for Europe which shall bring them to the attention of the Contracting Parties.

1.1.4.5.3 In cases where a transport operation subject to the provisions of ADR is likewise subject over the whole or a part of the road journey to the provisions of an international convention which regulates the carriage of dangerous goods by a mode of transport other than road carriage by virtue of clauses extending the applicability of that convention to certain motor-vehicle services, then the provisions of that international convention shall apply over the journey in question concurrently with those of ADR which are not incompatible with them; the other clauses of ADR shall not apply over the journey in question.

CHAPTER 1.2

DEFINITIONS AND UNITS OF MEASUREMENT

1.2.1 Definitions

NOTE: *This section contains all general or specific definitions.*

For the purposes of ADR:

A

"*Aerosol*", see *"Aerosol dispenser"*;

"Aerosol dispenser" means any non-refillable receptacle made of metal, glass or plastics, containing, under pressure, a gas or a mixture of gases, with or without a liquid, paste or powder, and fitted with a release device allowing the contents to be ejected as solid or liquid particles in suspension in a gas, as a foam, paste or powder or in a liquid state or in a gaseous state;

B

"Bag" means a flexible packaging made of paper, plastics film, textiles, woven material or other suitable material;

"Battery-vehicle" means a vehicle containing elements which are linked to each other by a manifold and permanently fixed to a transport unit. The following elements are considered to be elements of a battery-vehicle: cylinders, tubes, bundles of cylinders (also known as frames), pressure drums as well as tanks destined for the carriage of gases of Class 2 with a capacity of more than 450 litres;

"Biological/technical name" means a name currently used in scientific and technical handbooks, journals and texts. Trade names shall not be used for this purpose;

"Body" (for all categories of IBC other than composite IBCs) means the receptacle proper, including openings and closures, but does not include service equipment;

"Box" means a packaging with complete rectangular or polygonal faces, made of metal, wood, plywood, reconstituted wood, fibreboard, plastics or other suitable material. Small holes for purposes of ease of handling or opening or to meet classification requirements, are permitted as long as they do not compromise the integrity of the packaging during carriage;

"Bundle of cylinders (frame)" means a transportable assembly of cylinders which are interconnected by a manifold and held firmly together;

C

"Calculation pressure" means a theoretical pressure at least equal to the test pressure which, according to the degree of danger exhibited by the substance being carried, may to a greater or lesser degree exceed the working pressure. It is used solely to determine the thickness of the walls of the shell, independently of any external or internal reinforcing device (see also *"Discharge pressure", "Filling pressure", "Maximum working pressure (gauge pressure)"* and *"Test pressure"*);

NOTE: *For portable tanks, see Chapter 6.7.*

"Carriage" means the change of place of dangerous goods, including stops made necessary by transport conditions and including any period spent by the dangerous goods in vehicles, tanks and containers made necessary by traffic conditions before, during and after the change of place.

This definition also covers the intermediate temporary storage of dangerous goods in order to change the mode or means of transport (transshipment). This shall apply provided that transport documents showing the place of dispatch and the place of reception are presented on request and provided that packages and tanks are not opened during intermediate storage, except to be checked by the competent authorities;

"Carriage in bulk" means the carriage of unpackaged solids or articles in vehicles or containers. The term does not apply to packaged goods nor to substances carried in tanks;

"Carrier" means the enterprise which carries out the transport operation with or without a transport contract;

"Closed container" means a totally enclosed container having a rigid roof, rigid side walls, rigid end walls and a floor. The term includes containers with an opening roof where the roof can be closed during transport;

"Closed vehicle" means a vehicle having a body capable of being closed;

"Closure" means a device which closes an opening in a receptacle;

"Collective entry" means an entry for a well defined group of substances or articles (see 2.1.1.2, B, C and D);

"Combination packaging" means a combination of packagings for transport purposes, consisting of one or more inner packagings secured in an outer packing in accordance with 4.1.1.5;

NOTE: *The "inners" of "combination packagings" are always termed "inner packagings" and not "inner receptacles". A glass bottle is an example of such an "inner packaging".*

"Combustion heater" means a device directly using liquid or gaseous fuel and not using the waste heat from the engine used for propulsion of the vehicle;

"Competent authority" means the authority or authorities or any other body or bodies designated as such in each State and in each specific case in accordance with domestic law;

"Compliance assurance" (radioactive material) means a systematic programme of measures applied by a competent authority which is aimed at ensuring that the requirements of ADR are met in practice;
"Composite IBC with plastics inner receptacle" means an IBC comprising structural equipment in the form of a rigid outer casing encasing a plastics inner receptacle together with any service or other structural equipment. It is so constructed that the inner receptacle and outer casing once assembled form, and are used as, an integrated single unit to be filled, stored, transported or emptied as such;

NOTE*: "Plastics", when used in connection with inner receptacles for composite IBCs, is taken to include other polymeric materials such as rubber, etc.*

"Composite packaging (plastics material)" is a packaging consisting of an inner plastics receptacle and an outer packaging (made of metal, fibreboard, plywood, etc.). Once

assembled such a packaging remains thereafter an inseparable unit; it is filled, stored, despatched and emptied as such;

NOTE: *See* ***NOTE*** *under "Composite packagings (glass, porcelain or stoneware)".*

"Composite packaging (glass, porcelain or stoneware)" is a packaging consisting of an inner glass, porcelain or stoneware receptacle and an outer packaging (made of metal, wood, fibreboard, plastics material, expanded plastics material, etc.). Once assembled, such a packaging remains thereafter an inseparable unit; it is filled, stored, despatched and emptied as such;

NOTE: *The "inners" of "composite packagings" are normally termed "inner receptacles". For example, the "inner" of a 6HA1 (composite packaging, plastics material) is such an "inner receptacle" since it is normally not designed to perform a containment function without its "outer packaging" and is not therefore an "inner packaging".*

"Consignee" means the consignee according to the contract for carriage. If the consignee designates a third party in accordance with the provisions applicable to the contract for carriage, this person shall be deemed to be the consignee within the meaning of ADR. If the transport operation takes place without a contract for carriage, the enterprise which takes charge of the dangerous goods on arrival shall be deemed to be the consignee.

"Consignment" means any package or packages, or load of dangerous goods, presented by a consignor for carriage;

"Consignor" means the enterprise which consigns dangerous goods either on its own behalf or for a third party. If the transport operation is carried out under a contract for carriage, consignor means the consignor according to the contract for carriage;

"Container" means an article of transport equipment (lift van or other similar structure):

- of a permanent character and accordingly strong enough to be suitable for repeated use;

- specially designed to facilitate the carriage of goods, by one or more means of transport, without breakage of load;

- fitted with devices permitting its ready stowage and handling, particularly when being transloaded from one means of transport to another;

- so designed as to be easy to fill and empty (see also *"Closed container", "Large container", "Open container", "Sheeted container"* and *"Small container"*).

A swap body is a container which, in accordance with European Standard EN 283 (1991 edition) has the following characteristics:

- from the point of view of mechanical strength, it is only built for carriage on a wagon or a vehicle on land or by roll-on roll-of ship;

- it cannot be stacked;

- it can be removed from vehicles by means of equipment on board the vehicle and on its own supports, and can be reloaded;

NOTE: *The term "container" does not cover conventional packagings, IBCs, tank-containers or vehicles.*

"Control temperature" means the maximum temperature at which the organic peroxide or the self-reactive substance can be safely carried;

"CSC" means the International Convention for Safe Containers (Geneva, 1972) as amended and published by the International Maritime Organization (IMO), London;

"Crate" means an outer packaging with incomplete surfaces;

"Cryogenic receptacle" means a transportable thermally insulated receptacle for refrigerated liquefied gases of a capacity of not more than 1 000 litres;

"Cylinder" means a transportable pressure receptacle of a capacity not exceeding 150 litres (see also *"Bundle of cylinders (frame)"*);

D

"Dangerous goods" means those substances and articles the carriage of which is prohibited by ADR, or authorized only under the conditions prescribed therein;

"Dangerous reaction" means:

(a) combustion or evolution of considerable heat;

(b) evolution of flammable, asphyxiant, oxidizing or toxic gases;

(c) the formation of corrosive substances;

(d) the formation of unstable substances; or

(e) dangerous rise in pressure (for tanks only);

"Demountable tank" means a tank, other than a fixed tank, a portable tank, a tank-container or an element of a battery-vehicle or a MEGC which has a capacity of more than 450 litres, is not designed for the carriage of goods without breakage of load, and normally can only be handled when it is empty;

"Discharge pressure" means the maximum pressure actually built up in the tank when it is being discharged under pressure (see also *"Calculation pressure"*, *"Filling pressure"*, *"Maximum working pressure (gauge pressure)"* and *"Test pressure"*);

"Drum" means a flat-ended or convex-ended cylindrical packaging made out of metal, fibreboard, plastics, plywood or other suitable materials. This definition also includes packagings of other shapes, e.g. round, taper-necked packagings or pail-shaped packagings. Wooden barrels and jerricans are not covered by this definition;

E

"EC Directive" means provisions decided by the competent institutions of the European Community and which are binding, as to the result to be achieved, upon each Member State to which it is addressed, but shall leave to the national authorities the choice of form and methods;

"ECE Regulation" means a regulation annexed to the Agreement concerning the adoption of uniform technical prescriptions for wheeled vehicles equipment and parts which can be fitted

and or used on wheeled vehicles and the conditions for reciprocal recognition of approvals granted on the basis of these prescriptions (1958 Agreement, as amended);

"Emergency temperature" means the temperature at which emergency procedures shall be implemented in the event of loss of temperature control;

"Enterprise" means any natural person, any legal person, whether profit-making or not, any association or group of persons without legal personality, whether profit-making or not, or any official body, whether it has legal personality itself or is dependent upon an authority that has such personality;

F

"Fibreboard IBC" means a fibreboard body with or without separate top and bottom caps, if necessary an inner liner (but no inner packagings), and appropriate service and structural equipment;

"Filler" means any enterprise which loads dangerous goods into a tank (tank-vehicle, demountable tank, portable tank or tank-container) and/or into a vehicle, large container or small container for carriage in bulk, or into a battery-vehicle or MEGC;

"Filling pressure" means the maximum pressure actually built up in the tank when it is being filled under pressure (see also *"Calculation pressure"*, *"Discharge pressure"*, *"Maximum working pressure (gauge pressure)"* and *"Test pressure"*);

"Fixed tank" means a tank having a capacity of more than 1 000 litres which is permanently attached to a vehicle (which then becomes a tank-vehicle) or is an integral part of the frame of such vehicle;

"Flammable component" (for aerosols and gas cartridges) means a gas which is flammable in air at normal pressure or a substance or a preparation in liquid form which has a flash-point less than or equal to 100 °C;

"Flash-point" means the lowest temperature of a liquid at which its vapours form a flammable mixture with air;

"Flexible IBC" means a body constituted of film, woven fabric or any other flexible material or combinations thereof, and if necessary, an inner coating or liner, together with any appropriate service equipment and handling devices;

"Frame" (Class 2), see *"Bundle of cylinders"*;
"Full load" means any load originating from one consignor for which the use of a vehicle or of a large container is exclusively reserved and all operations for the loading and unloading of which are carried out in conformity with the instructions of the consignor or of the consignee;

NOTE: *The corresponding term for Class 7 is "exclusive use", see 2.2.7.2.*

G

"Gas" means a substance which:

(a) at 50 °C has a vapour pressure greater than 300 kPa (3 bar); or

(b) is completely gaseous at 20 °C under standard pressure of 101.3 kPa;

"Gas cartridge" means any non-refillable receptacle containing, under pressure, a gas or a mixture of gases. It may be fitted with a valve;

H

"Handling device" (for flexible IBCs) means any sling, loop, eye or frame attached to the body of the IBC or formed from the continuation of the IBC body material;

"Hermetically closed tank" means a tank whose openings are hermetically closed and which is not equipped with safety valves, bursting discs or other similar safety devices. Tanks having safety valves preceded by a bursting disc shall be deemed to be hermetically closed;

I

"IBC", see *"Intermediate bulk container"*;

"ICAO Technical Instructions" means the Technical Instructions for the Safe Transport of Dangerous Goods by Air, which complement Annex 18 to the Chicago Convention on International Civil Aviation (Chicago 1944), published by the International Civil Aviation Organization (ICAO) in Montreal;

"IMDG Code" means the International Maritime Dangerous Goods Code, for the implementation of Chapter VII, Part A, of the International Convention for the Safety of Life at Sea, 1974 (SOLAS Convention), published by the International Maritime Organization (IMO), London;

"Inner packaging" means a packaging for which an outer packaging is required for carriage;

"Inner receptacle" means a receptacle which requires an outer packaging in order to perform its containment function;

*"Intermediate bulk container" (*IBC) means a rigid, or flexible portable packaging, other than those specified in Chapter 6.1, that:

(a) has a capacity of:

(i) not more than 3 m^3 for solids and liquids of packing groups II and III;

(ii) not more than 1.5 m^3 for solids of packing group I when packed in flexible, rigid plastics, composite, fibreboard and wooden IBCs;

(iii) not more than 3 m^3 for solids of packing group I when packed in metal IBCs;

(iv) not more than 3 m^3 for radioactive material of Class 7;

(b) is designed for mechanical handling;

(c) is resistant to the stresses produced in handling and transport as determined by the tests specified in Chapter 6.5 (see also *"Composite IBC with plastics inner receptacle"*, *"Fibreboard IBC"*, *"Flexible IBC"*, *"Metal IBC"*, *"Rigid plastics IBC"* and *"Wooden IBC"*);

NOTE 1*: *Portable tanks or tank-containers that meet the requirements of Chapter 6.7 or 6.8 respectively are not considered to be intermediate bulk containers (IBCs).

NOTE 2*: *Intermediate bulk containers (IBCs) which meet the requirements of Chapter 6.5 are not considered to be containers for the purposes of ADR.

"Intermediate packaging" means a packaging placed between inner packagings or articles, and an outer packaging;

J

"Jerrican" means a metal or plastics packaging of rectangular or polygonal cross-section with one or more orifices;

L

"Large container" means

(a) a container having an internal volume of more than 3 m^3;

(b) in the meaning of the CSC, a container of a size such that the area enclosed by the four outer bottom corners is either

(i) at least 14 m^2 (150 square feet) or

(ii) at least 7 m^2 (75 square feet) if fitted with top corner fittings;

***NOTE:** For radioactive material see 2.2.7.1.2.*

"Large packaging" means a packaging consisting of an outer packaging which contains articles or inner packagings and which

(a) is designed for mechanical handling;

(b) exceeds 400 kg net mass or 450 litres capacity but has a volume of not more than 3 m^3;

"Leakproofness test" means a test to determine the leakproofness of a tank, a packaging or an IBC and of the equipment and closure devices;

***NOTE:** For portable tanks, see Chapter 6.7.*

"Light-gauge metal packaging" means a packaging of circular, elliptical, rectangular or polygonal cross-section (also conical) and taper-necked and pail-shaped packaging made of metal, having a wall thickness of less than 0.5 mm (e.g. tinplate), flat or convex bottomed and with one or more orifices, which is not covered by the definitions for drums or jerricans;

"Liner" means a tube or bag inserted into a packaging, including large packagings or IBCs, but not forming an integral part of it, including the closures of its openings;

"Liquid" means a substance which at 50 °C has a vapour pressure of not more than 300 kPa (3 bar), which is not completely gaseous at 20 °C and 101.3 kPa, and which

(a) has a melting point or initial melting point of 20 °C or less at a pressure of 101.3 kPa, or

(b) is liquid according to the ASTM D 4359-90 test method or

(c) is not pasty according to the criteria applicable to the test for determining fluidity (penetrometer test) described in 2.3.4;

NOTE: *"Carriage in the liquid state", for the purpose of tank requirements, means:*

- *Carriage of liquids according to the above definition, or*

- *Solids handed over for carriage in the molten state.*

"Loader" means any enterprise which loads dangerous goods into a vehicle or large container;

M

"Manual of Tests and Criteria" means the third revised edition of the United Nations Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, published by the United Nations Organization (ST/SG/AC.10/11/Rev.3);

"Mass of package" means gross mass of the package unless otherwise stated. The mass of containers and tanks used for the carriage of goods is not included in the gross mass;

"Maximum capacity" means the maximum inner volume of receptacles or packagings including intermediate bulk containers (IBCs) and large packagings expressed in cubic metres or litres;

"Maximum net mass" means the maximum net mass of contents in a single packaging or maximum combined mass of inner packagings and the contents thereof expressed in kilograms;

"Maximum permissible gross mass"

(a) (for all categories of IBCs other than flexible IBCs) means the mass of the body, its service equipment and structural equipment and the maximum permissible load;

(b) (for tanks) means the tare of the tank and the heaviest load authorized for carriage;

NOTE: *For portable tanks, see Chapter 6.7.*

"Maximum permissible load" (for flexible IBCs) means the maximum net mass for which the IBC is intended and which it is authorized to carry;

"Maximum working pressure (gauge pressure)" means the highest of the following three pressures:

(a) the highest effective pressure allowed in the tank during filling (maximum filling pressure allowed);

(b) the highest effective pressure allowed in the tank during discharge (maximum discharge pressure allowed); and

(c) the effective gauge pressure to which the tank is subjected by its contents (including such extraneous gases as it may contain) at the maximum working temperature.

Unless the special requirements prescribed in Chapter 4.3 provide otherwise, the numerical value of this working pressure (gauge pressure) shall not be lower than the vapour pressure (absolute pressure) of the filling substance at 50 °C.

For tanks equipped with safety valves (with or without bursting disc), the maximum working pressure (gauge pressure) shall however be equal to the prescribed opening pressure of such safety valves (see also *"Calculation pressure"*, *"Discharge pressure"*, *"Filling pressure"* and *"Test pressure"*);

NOTE: *For portable tanks, see Chapter 6.7.*

"MEGC", see *"Multiple-element gas container"*;

"Metal IBC" means a metal body together with appropriate service and structural equipment;

"Mild steel" means a steel having a minimum tensile strength between 360 N/mm^2 and 440 N/mm^2;

NOTE: *For portable tanks, see Chapter 6.7.*

"Multiple-element gas container" (MEGC) means a unit containing elements which are linked to each other by a manifold and mounted on a frame. The following elements are considered to be elements of a multiple-element gas container: cylinders, tubes, pressure drums and bundles of cylinders as well as tanks for the carriage of gases of Class 2 having a capacity of more than 450 litres;

N

"Nominal capacity of the receptacle" means the nominal volume of the dangerous substance contained in the receptacle expressed in litres. For compressed gas cylinders the nominal capacity shall be the water capacity of the cylinder;

"N.O.S. entry (not otherwise specified entry)" means a collective entry to which substances, mixtures, solutions or articles may be assigned if they:

(a) are not mentioned by name in Table A of Chapter 3.2, and

(b) exhibit chemical, physical and/or dangerous properties corresponding to the Class, classification code, packing group and the name and description of the n.o.s. entry;

O

"Open container" means an open top container or a platform based container;

"Open vehicle" means a vehicle the platform of which has no superstructure or is merely provided with side boards and a tailboard;

"Outer packaging" means the outer protection of the composite or combination packaging together with any absorbent materials, cushioning and any other components necessary to contain and protect inner receptacles or inner packagings;

"Overpack" means an enclosure used by a single consignor to contain one or more packages, consolidated into a single unit easier to handle and stow during carriage.

Examples of overpacks:

(a) a loading tray such as a pallet, on which several packages are placed or stacked and secured by a plastic strip, shrink or stretch wrapping or other appropriate means; or

(b) an outer protective packaging such as a box or a crate;

P

"Package" means the complete product of the packing operation, consisting of the packaging or large packaging or IBC and its contents prepared for dispatch. The term includes receptacles for gases as defined in this section as well as articles which, because of their size, mass or configuration may be carried unpackaged or carried in cradles, crates or handling devices. The term does not apply to goods which are carried in bulk, nor to substances carried in tanks.

NOTE: *For radioactive material, see 2.2.7.2.*

"Packaging" means the receptacle and any other components or materials necessary for the receptacle to perform its containment function (see also *"Combination packaging", "Composite packaging (plastics material)", "Composite packaging (glass, porcelain or stoneware)", "Inner packaging", "Intermediate bulk container (IBC)", "Intermediate packaging", "Large packaging", "Light-gauge metal packaging", "Outer packaging", "Reconditioned packaging", "Remanufactured packaging", "Reused packaging", "Salvage packaging"* and *"Sift-proof packaging")*;

NOTE: *For radioactive material, see 2.2.7.2.*
"Packer" means any enterprise which puts dangerous goods into packagings, including large packagings and intermediate bulk containers (IBCs) and, where necessary, prepares packages for carriage;

"Packing group" means a group to which, for packing purposes, certain substances may be assigned in accordance with their degree of danger. The packing groups have the following meanings which are explained more fully in Part 2:

Packing group I: Substances presenting high danger;
Packing group II: Substances presenting medium danger; and
Packing group III: Substances presenting low danger;

NOTE: *Certain articles containing dangerous goods are assigned to a packing group.*

"Portable tank" means a multimodal tank having a capacity of more than 450 litres in accordance with the definitions in Chapter 6.7 or the IMDG Code and indicated by a portable tank instruction (T-Code) in Column (10) of Table A of Chapter 3.2;

"Portable tank operator", see *"Tank-container/portable tank operator"*;

"Pressure drum" means a welded, transportable pressure receptacle of a capacity exceeding 150 litres and of not more than 1 000 litres (e.g. cylindrical receptacles equipped with rolling hoops, receptacles on skids and receptacles in frames);

"Pressurized gas cartridge", see *"Aerosol dispenser"*;

"Protected IBC" (for metal IBCs) means an IBC provided with additional protection against impact, the protection taking the form of, for example, a multi-layer (sandwich) or double-wall construction, or a frame with a metal lattice-work casing;

Q

"Quality assurance" means a systematic programme of controls and inspections applied by any organization or body which is aimed at providing confidence that the safety prescriptions in ADR are met in practice;

R

"Receptacle" (Class 1) includes boxes, bottles, cans, drums, jars and tubes, including any means of closure used in the inner or intermediate packaging;

"Receptacle" means a containment vessel for receiving and holding substances or articles, including any means of closing. This definition does not apply to shells (see also *"Cryogenic receptacle", "Inner receptacle", "Rigid inner receptacle"* and *"Gas cartridge"*);

NOTE: *Receptacles for gases of Class 2 are cylinders, tubes, pressure drums, cryogenic receptacles and bundles of cylinders (frames).*

"Reconditioned packaging" means in particular

(a) metal drums that are:

(i) cleaned to original materials of construction, with all former contents, internal and external corrosion, and external coatings and labels removed;

(ii) restored to original shape and contour, with chimes (if any) straightened and sealed and all non-integral gaskets replaced; and

(iii) inspected after cleaning but before painting, with rejection of packagings with visible pitting, significant reduction in the material thickness, metal fatigue, damaged threads or closures or other significant defects;

(b) plastics drums and jerricans that:

(i) are cleaned to original materials of construction, with all former contents, external coatings and labels removed;

(ii) have all non-integral gaskets replaced; and

(iii) are inspected after cleaning with rejection of packagings with visible damage such as tears, creases or cracks, or damaged threads or closures or other significant defects;

"Recycled plastics material" means material recovered from used industrial packagings that has been cleaned and prepared for processing into new packagings;

"Reel" (Class 1) means a device made of plastics, wood, fibreboard, metal or other suitable material comprising a central spindle with, or without, side walls at each end of the spindle. Articles and substances can be wound onto the spindle and may be retained by side walls;

"Reference steel" means a steel with a tensile strength of 370 N/mm^2 and an elongation at fracture of 27%;

"Remanufactured packaging" means in particular

(a) metal drums that:

(i) are produced as a UN type complying with the requirements of Chapter 6.1 from a non-UN type;

(ii) are converted from one UN type complying with the requirements of Chapter 6.1 to another UN type; or

(iii) undergo the replacement of integral structural components (such as non-removable heads);

(b) plastics drums that:

(i) are converted from one UN type to another UN type (e.g. 1H1 to 1H2); or

(ii) undergo the replacement of integral structural components.

Remanufactured drums are subject to the requirements of Chapter 6.1 which apply to new drums of the same type;

"Reused packaging" means a packaging which has been examined and found free of defects affecting the ability to withstand the performance tests. The term includes those which are refilled with the same or similar compatible contents and are carried within distribution chains controlled by the consignor of the product;

"RID" means Regulations concerning the International Carriage of Dangerous Goods by Rail [Annex 1 to Appendix B (Uniform Rules Concerning the Contract for International Carriage of Goods by Rail) (CIM) of COTIF (Convention concerning international carriage by rail)];

"Rigid inner receptacle" (for composite IBCs) means a receptacle which retains its general shape when empty without its closures in place and without benefit of the outer casing. Any inner receptacle that is not "rigid" is considered to be "flexible";

"Rigid plastics IBC" means a rigid plastics body, which may have structural equipment together with appropriate service equipment;

S

"Safety valve" means a spring-loaded device which is activated automatically by pressure the purpose of which is to protect the tank against unacceptable excess internal pressure;

"SADT" see *"Self-accelerating decomposition temperature"*;

"Salvage packaging" means a special packaging conforming to the applicable requirements of Chapter 6.1 into which damaged, defective or leaking dangerous goods packages, or dangerous goods that have spilled or leaked are placed for purposes of carriage for recovery or disposal;

"Self-accelerating decomposition temperature" (SADT), means the lowest temperature at which self-accelerating decomposition may occur with substance in the packaging as used during carriage. Provisions for determining the SADT and the effects of heating under confinement are contained in Part II of the Manual of Tests and Criteria;

"Service equipment"

(a) of the tank means filling and emptying, venting, safety, heating and heat insulating devices and measuring instruments;

(b) of the elements of a battery-vehicle or of a MEGC means filling and emptying devices, including the manifold, safety devices and measuring instruments;

(c) of an IBC means the filling and discharge devices and any pressure-relief or venting, safety, heating and heat insulating devices and measuring instruments;

NOTE: *For portable tanks, see Chapter 6.7.*

"Sheeted container" means an open container equipped with a sheet to protect the goods loaded;

"Sheeted vehicle" means an open vehicle provided with a sheet to protect the load;

"Shell" means the sheathing containing the substance (including the openings and their closures);

NOTE 1: *This definition does not apply to receptacles.*

NOTE 2: *For portable tanks, see Chapter 6.7.*

"Sift-proof packaging" means a packaging impermeable to dry contents, including fine solid material produced during carriage;

"Small container" means a container having an internal volume of not less than 1 m^3 and not more than 3 m^3;

NOTE: *For radioactive material, see 2.2.7.2.*

"Small receptacle containing gas", see *"Gas cartridge"*;

"Solid" means:

(a) a substance with a melting point or initial melting point of more than 20 °C at a pressure of 101.3 kPa, or

(b) a substance which is not liquid according to the ASTM D 4359-90 test method or which is pasty according to the criteria applicable to the test for determining fluidity (penetrometer test) described in 2.3.4;

"Structural equipment"

(a) for tanks of a tank-vehicle or demountable tank, means the external or internal reinforcing, fastening, protective or stabilizing members of the shell;

(b) for tanks of a tank-container, means the external or internal reinforcing, fastening, protective or stabilizing members of the shell;

(c) for elements of a battery-vehicle or an MEGC means the external or internal reinforcing, fastening, protective or stabilizing members of the shell or receptacle;

(d) for IBCs other than flexible IBCs means the reinforcing, fastening, handling, protective or stabilizing members of the body (including the base pallet for composite IBCs with plastics inner receptacle);

NOTE: *For portable tanks, see Chapter 6.7.*

"Swap-body", see *"Container"*;

T

"Tank" means a shell, including its service and structural equipment. When used alone, the term tank means a tank-container, portable tank, demountable tank or fixed tank as defined in this Part, including tanks forming elements of battery-vehicles or MEGCs (see also *"Demountable tank", "Fixed tank", "Portable tank"* and *"Multiple-element gas container"*);

NOTE: *For portable tanks, see 6.7.4.1.*

"Tank-container" means an article of transport equipment meeting the definition of a container, and comprising a shell and items of equipment, including the equipment to facilitate movement of the tank-container without significant change of attitude, used for the carriage of gases, liquid, powdery or granular substances and having a capacity of more than 0.45 m^3 (450 litres);

NOTE: *IBCs which meet the requirements of Chapter 6.5 are not considered to be tank-containers.*

"Tank-container/portable tank operator" means any enterprise in whose name the tank-container/portable tank is registered;

"Tank swap body" is considered to be a tank-container;

"Tank-vehicle" means a vehicle built to carry liquids, gases or powdery or granular substances and comprising one or more fixed tanks. In addition to the vehicle proper, or the units of running gear used in its stead, a tank-vehicle comprises one or more shells, their items of equipment and the fittings for attaching them to the vehicle or to the running-gear units;

"Technical/biological name" means a name currently used in scientific and technical handbooks, journals and texts. Trade names shall not be used for this purpose;

"Test pressure" means the highest effective pressure which arises in the tank during the pressure test (see also *"Calculation pressure", "Discharge pressure", "Filling pressure"* and *"Maximum working pressure (gauge pressure)"*);

NOTE: *For portable tanks, see Chapter 6.7.*

"Transport unit" means a motor vehicle without an attached trailer, or a combination consisting of a motor vehicle and an attached trailer;

"Tray" (Class 1) means a sheet of metal, plastics, fibreboard or other suitable material which is placed in the inner, intermediate or outer packaging and achieves a close-fit in such packaging. The surface of the tray may be shaped so that packagings or articles can be inserted, held secure and separated from each other;

"Tube" (Class 2) means a seamless transportable pressure receptacle of a capacity exceeding 150 litres and of not more than 5 000 litres;

U

"Undertaking", see *"Enterprise"*;

"UN Model Regulations" means the Model Regulations annexed to the eleventh revised edition of the Recommendations on the Transport of Dangerous Goods published by the United Nations (ST/SG/AC.10/1/Rev.11);

"UN number" means the four-figure identification number of the substance or article taken from the UN Model Regulations;

V

"Vacuum-operated waste tank" means a fixed or demountable tank primarily used for the carriage of dangerous wastes, with special constructional features and/or equipment to facilitate the loading and unloading of wastes as specified in Chapter 6.10. A tank which fully complies with the requirements of Chapter 6.7 or 6.8 is not considered to be a vacuum-operated waste tank;

"Vacuum valve" means a spring-loaded device which is activated automatically by pressure the purpose of which is to protect the tank against unacceptable negative internal pressure;

"Vehicle" see *"Battery-vehicle", "Closed vehicle", "Open vehicle", "Sheeted vehicle"* and *"Tank-vehicle"*;

W

"Wastes" means substances, solutions, mixtures or articles for which no direct use is envisaged but which are transported for reprocessing, dumping, elimination by incineration or other methods of disposal;

"Wooden barrel" means a packaging made of natural wood, of round cross-section, having convex walls, consisting of staves and heads and fitted with hoops;

"Wooden IBC" means a rigid or collapsible wooden body, together with an inner liner (but no inner packaging) and appropriate service and structural equipment;

"Woven plastics" (for flexible IBCs) means a material made from stretch tapes or monofilaments of suitable plastics material.

1.2.2 Units of measurement

1.2.2.1 The following units of measurement [a] are applicable in ADR:

Measurement of	SI Unit [b]	Acceptable alternative unit	Relationship between units
Length	m (metre)	-	-
Area	m^2 (square metre)	-	-
Volume	m^3 (cubic metre)	l [c] (litre)	1 *l* = 10^{-3} m^3
Time	s (second)	min. (minute)	1 min. = 60 s
		h (hour)	1 h = 3 600 s
		d (day)	1 d = 86 400 s
Mass	kg (kilogram)	g (gramme)	1g = 10^{-3} kg
		t (ton)	1 t = 10^3 kg
Mass density	kg/m^3	kg/l	1 kg/l = 10^3 kg/m^3
Temperature	K (kelvin)	°C (degree Celsius)	0 °C = 273.15 K
Temperature difference	K (kelvin)	°C (degree Celsius)	1 °C = 1 K
Force	N (newton)	-	1 N = 1 $kg.m/s^2$
Pressure	Pa (pascal)		1 Pa = 1 N/m^2
		bar (bar)	1 bar = 10^5 Pa
Stress	N/m^2	N/mm^2	1 N/mm^2 = 1 MPa
Work		kWh (kilowatt hours)	1 kWh = 3.6 MJ
Energy	J (joule)		1 J = 1 N.m = 1 W.s
Quantity of heat		eV (electronvolt)	1 eV = 0.1602 H 10^{-18}J
Power	W (watt)	-	1 W = 1 J/s = 1 N.m/s
Kinematic viscosity	m^2/s	mm^2/s	1 mm^2/s = 10^{-6} m^2/s
Dynamic viscosity	Pa.s	mPa.s	1 mPa.s = 10^{-3} Pa.s
Activity	Bq (becquerel)		
Dose equivalent	Sv (sievert)		

[a] *The following round figures are applicable for the conversion of the units hitherto used into SI Units.*

Force

1 kg = 9.807 N
1 N = 0.102 kg

Stress

1 kg/mm^2 = 9.807 N/mm^2
1 N/mm^2 = 0.102 kg/mm^2

Pressure

1 Pa	=	*1 N/m^2*	= 10^{-5} *bar*	= 1.02 H 10^{-5} kg/cm^2 = 0.75 H 10^{-2} *torr*
1 bar	=	10^5 *Pa*	= 1.02 kg/cm^2 = 750 *torr*	
1 kg/cm^2	=	9.807 H 10^4 *Pa*	= 0.9807 *bar*	= 736 *torr*
1 torr	=	1.33 H 10^2 *Pa*	= 1.33 H 10^{-3} *bar*	= 1.36 H 10^{-3} kg/cm^2

Energy, Work, Quantity of heat

1 J	=	*1 N.m*	= 0.278 H 10^{-6} *kWh*	= 0.102 *kgm*	= 0.239 H 10^{-3} *kcal*
1 kWh	=	3.6 H 10^6 *J*	= 367 H 10^3 *kgm*	= 860 *kcal*	
1 kgm	=	9.807 *J*	= 2.72 H 10^{-6} *kWh*	= 2.34 H 10^{-3} *kcal*	
1 kcal	=	4.19 H 10^3 *J*	= 1.16 H 10^{-3} *kWh*	= 427 *kgm*	

Power

1 W = 0.102 kgm/s = 0.86 kcal/h
1 kgm/s = 9.807 W = 8.43 kcal/h
1 kcal/h = 1.16 W = 0.119 kgm/s

Kinematic viscosity

1 m^2/s = 10^4 St (Stokes)
1 St = 10^{-4} m^2/s

Dynamic viscosity

1 Pa.s = 1 $N.s/m^2$ = 10 P (poise) = 0.102 $kg.s/m^2$
1 P = 0.1 Pa.s = 0.1 $N.s/m^2$ = 1.02 H 10^{-2} $kg.s/m^2$

1 kg.s/m^2 = 9.807 Pa.s = 9.807 N.s/m^2 = 98.07 P

[b] *The International System of Units (SI) is the result of decisions taken at the General Conference on Weights and Measures (Address: Pavillon de Breteuil, Parc de St-Cloud, F-92 310 Sèvres).*

[c] *The abbreviation "L" for litre may also be used in place of the abbreviation "l" when a typewriter cannot distinguish between figure "1" and letter "l".*

The decimal multiples and sub-multiples of a unit may be formed by prefixes or symbols, having the following meanings, placed before the name or symbol of the unit:

Factor			Prefix	Symbol
1 000 000 000 000 000 000	= 10^{18}	quintillion	exa	E
1 000 000 000 000 000	= 10^{15}	quadrillion	peta	P
1 000 000 000 000	= 10^{12}	trillion	tera	T
1 000 000 000	= 10^{9}	billion	giga	G
1 000 000	= 10^{6}	million	mega	M
1 000	= 10^{3}	thousand	kilo	k
100	= 10^{2}	hundred	hecto	h
10	= 10^{1}	ten	deca	da
0.1	= 10^{-1}	tenth	deci	d
0.01	= 10^{-2}	hundredth	centi	c
0.001	= 10^{-3}	thousandth	milli	m
0.000 001	= 10^{-6}	millionth	micro	µ
0.000 000 001	= 10^{-9}	billionth	nano	n
0.000 000 000 001	= 10^{-12}	trillionth	pico	p
0.000 000 000 000 001	= 10^{-15}	quadrillionth	femto	f
0.000 000 000 000 000 001	= 10^{-18}	quintillionth	atto	a

NOTE: *10^{9} = 1 billion is United Nations usage in English. By analogy, so is 10^{-9} = 1 billionth.*

1.2.2.2 Unless expressly stated otherwise, the sign "%" in ADR represents:

(a) In the case of mixtures of solids or of liquids, and also in the case of solutions and of solids wetted by a liquid, a percentage mass based on the total mass of the mixture, the solution or the wetted solid;

(b) In the case of mixtures of compressed gases, when filled by pressure, the proportion of the volume indicated as a percentage of the total volume of the gaseous mixture, or, when filled by mass, the proportion of the mass indicated as a percentage of the total mass of the mixture;

(c) In the case of mixtures of liquefied gases and gases dissolved under pressure, the proportion of the mass indicated as a percentage of the total mass of the mixture.

1.2.2.3 Pressures of all kinds relating to receptacles (such as test pressure, internal pressure, safety valve opening pressure) are always indicated in gauge pressure (pressure in excess of atmospheric pressure); however, the vapour pressure of substances is always expressed in absolute pressure.

1.2.2.4 Where ADR specifies a degree of filling for receptacles, this is always related to a reference temperature of the substances of 15 °C, unless some other temperature is indicated.

CHAPTER 1.3

TRAINING OF PERSONS INVOLVED IN THE CARRIAGE OF DANGEROUS GOODS

1.3.1 Scope and applicability

Persons employed by the participants referred to in Chapter 1.4, whose duties concern the carriage of dangerous goods, shall receive training in the requirements governing the carriage of such goods appropriate to their responsibilities and duties.

NOTE 1: *With regard to the training for the safety adviser, see 1.8.3.*

NOTE 2: *With regard to the training of the vehicle crew, see Chapter 8.2.*

1.3.2 Nature of the training

The training shall take the following form, appropriate to the responsibility and duties of the individual concerned.

1.3.2.1 *General awareness training*

Personnel shall be familiar with the general requirements of the provisions for the carriage of dangerous goods.

1.3.2.2 *Function-specific training*

Personnel shall receive detailed training, commensurate directly with their duties and responsibilities in the requirements of the regulations concerning the carriage of dangerous goods.

Where the carriage of dangerous goods involves a multimodal transport operation, the personnel shall be made aware of the requirements concerning other transport modes.

1.3.2.3 *Safety training*

Commensurate with the degree of risk of injury or exposure arising from an incident involving the carriage of dangerous goods, including loading and unloading, personnel shall receive training covering the hazards and dangers presented by dangerous goods.

The training provided shall aim to make personnel aware of the safe handling and emergency response procedures.

1.3.2.4 *Training for Class 7*

For the purpose of Class 7, personnel shall receive appropriate training concerning the radiation hazards involved and the precautions to be observed in order to ensure restriction of their exposure and that of other persons who might be affected by their actions.

1.3.3 Documentation

Details of all the training undertaken shall be kept by both the employer and the employee and shall be verified upon commencing a new employment. The training shall be periodically supplemented with refresher training to take account of changes in regulations.

CHAPTER 1.4

SAFETY OBLIGATIONS OF THE PARTICIPANTS

1.4.1 General safety measures

1.4.1.1 The participants in the carriage of dangerous goods shall take appropriate measures according to the nature and the extent of foreseeable dangers, so as to avoid damage or injury and, if necessary, to minimize their effects. They shall, in all events, comply with the requirements of ADR in their respective fields.

1.4.1.2 When there is an immediate risk that public safety may be jeopardized, the participants shall immediately notify the emergency services and shall make available to them the information they require to take action.

1.4.1.3 ADR may specify certain of the obligations falling to the various participants.

If a Contracting Party considers that no lessening of safety is involved, it may in its domestic legislation transfer the obligations falling to a specific participant to one or several other participants, provided that the obligations of 1.4.2 and 1.4.3 are met. These derogations shall be communicated by the Contracting Party to the Secretariat of the United Nations Economic Commission for Europe which will bring them to the attention of the Contracting Parties.

The requirements of 1.2.1, 1.4.2 and 1.4.3 concerning the definitions of participants and their respective obligations shall not affect the provisions of domestic law concerning the legal consequences (criminal nature, liability, etc.) stemming from the fact that the participant in question is e.g. a legal entity, a self-employed worker, an employer or an employee.

1.4.2 Obligations of the main participants

1.4.2.1 *Consignor*

1.4.2.1.1 The consignor of dangerous goods is required to hand over for carriage only consignments which conform to the requirements of ADR. In the context of 1.4.1, he shall in particular:

(a) ascertain that the dangerous goods are classified and authorized for carriage in accordance with ADR;

(b) furnish the carrier with information and data and, if necessary, the required transport documents and accompanying documents (authorizations, approvals, notifications, certificates, etc.), taking into account in particular the requirements of Chapter 5.4 and of the tables in Part 3;

(c) use only packagings, large packagings, intermediate bulk containers (IBCs) and tanks (tank-vehicles, demountable tanks, battery-vehicles, MEGCs, portable tanks and tank-containers) approved for and suited to the carriage of the substances concerned and bearing the markings prescribed by ADR;

(d) comply with the requirements on the means of dispatch and on forwarding restrictions;

(e) ensure that even empty uncleaned and not degassed tanks (tank-vehicles, demountable tanks, battery-vehicles, MEGCs, portable tanks and tank-containers) or empty uncleaned vehicles and large and small bulk containers are appropriately marked and labelled and that empty uncleaned tanks are closed and present the same degree of leakproofness as if they were full.

1.4.2.1.2 If the consignor uses the services of other participants (packer, loader, filler, etc.), he shall take appropriate measures to ensure that the consignment meets the requirements of ADR. He may, however, in the case of 1.4.2.1.1 (a), (b), (c) and (e), rely on the information and data made available to him by other participants.

1.4.2.1.3 When the consignor acts on behalf of a third party, the latter shall inform the consignor in writing that dangerous goods are involved and make available to him all the information and documents he needs to perform his obligations.

1.4.2.2 ***Carrier***

1.4.2.2.1 In the context of 1.4.1, where appropriate, the carrier shall in particular:

(a) ascertain that the dangerous goods to be carried authorized for carriage in accordance with ADR;

(b) ascertain that the prescribed documentation is on board the transport unit;

(c) ascertain visually that the vehicles and loads have no obvious defects, leakages or cracks, missing equipment, etc.;

(d) ascertain that the date of the next test for tank-vehicles, battery-vehicles, fixed tanks, demountable tanks, portable tanks, tank-containers and MEGCs has not expired;

(e) verify that the vehicles are not overloaded;

(f) ascertain that the danger labels and markings prescribed for the vehicles have been affixed;

(g) ascertain that the equipment prescribed in the written instructions for the driver is on board the vehicle.

Where appropriate, this shall be done on the basis of the transport documents and accompanying documents, by a visual inspection of the vehicle or the containers and, where appropriate, the load.

1.4.2.2.2 The carrier may, however, in the case of 1.4.2.2.1 (a), (b), (e) and (f), rely on information and data made available to him by other participants.

1.4.2.2.3 If the carrier observes an infringement of the requirements of ADR, in accordance with 1.4.2.2.1, he shall not forward the consignment until the matter has been rectified.

1.4.2.2.4 If, during the journey, an infringement which could jeopardize the safety of the operation is observed, the consignment shall be halted as soon as possible bearing in mind the requirements of traffic safety, of the safe immobilisation of the consignment, and of public safety. The transport operation may only be continued once the consignment complies with applicable regulations. The competent authority(ies) concerned by the rest of the journey may grant an authorization to pursue the transport operation.

In case the required compliance cannot be achieved and no authorization is granted for the rest of the journey, the competent authority(ies) shall provide the carrier with the necessary administrative assistance. The same shall apply in case the carrier informs this/these competent authority(ies) that the dangerous nature of the goods carried was not communicated to him by the consignor and that he wishes, by virtue of the law applicable in particular to the contract of carriage, to unload, destroy or render the goods harmless.

1.4.2.3 ***Consignee***

1.4.2.3.1 The consignee has the obligation not to defer acceptance of the goods without compelling reasons and to verify, after unloading, that the requirements of ADR concerning him have been complied with.

In the context of 1.4.1, he shall in particular:

(a) carry out in the cases provided for by ADR the prescribed cleaning and decontamination of the vehicles and containers;

(b) ensure that the containers once completely unloaded, cleaned and decontaminated, no longer bear danger markings conforming to Chapter 5.3.

1.4.2.3.2 If the consignee makes use of the services of other participants (unloader, cleaner, decontamination facility, etc.) he shall take appropriate measures to ensure that the requirements of ADR have been complied with.

1.4.2.3.3 If these verifications bring to light an infringement of the requirements of ADR, the consignee shall return the container to the carrier only after the infringement has been remedied.

1.4.3 Obligations of the other participants

A non-exhaustive list of the other participants and their respective obligations is given below. The obligations of the other participants flow from section 1.4.1 above insofar as they know or should have known that their duties are performed as part of a transport operation subject to ADR.

1.4.3.1 ***Loader***

1.4.3.1.1 In the context of 1.4.1, the loader has the following obligations in particular:

(a) he shall hand the dangerous goods over to the carrier only if they are authorized for carriage in accordance with ADR;

(b) he shall, when handing over for carriage packed dangerous goods or uncleaned empty packagings, check whether the packaging is damaged. He shall not hand over a package the packaging of which is damaged, especially if it is not leakproof, and there are leakages or the possibility of leakages of the dangerous substance, until the damage has been repaired; this obligation also applies to empty uncleaned packagings;

(c) he shall, when loading dangerous goods in a vehicle, or a large or small container, comply with the special requirements concerning loading and handling;

(d) he shall, after loading dangerous goods into a container comply with the requirements concerning danger markings conforming to Chapter 5.3;

(e) he shall, when loading packages, comply with the prohibitions on mixed loading taking into account dangerous goods already in the vehicle or large container and requirements concerning the separation of foodstuffs, other articles of consumption or animal feedstuffs.

1.4.3.1.2 The loader may, however, in the case of 1.4.3.1.1 (a), (d) and (e), rely on information and data made available to him by other participants.

1.4.3.2 ***Packer***

In the context of 1.4.1, the packer shall comply with in particular:

(a) the requirements concerning packing conditions, or mixed packing conditions and,

(b) when he prepares packages for carriage, the requirements concerning marking and labelling of the packages.

1.4.3.3 ***Filler***

In the context of 1.4.1, the filler has the following obligations in particular:

(a) he shall ascertain prior to the filling of tanks that both they and their equipment are technically in a satisfactory condition;

(b) he shall ascertain that the date of the next test for tank-vehicles, battery-vehicles, demountable tanks, portable tanks, tank-containers and MEGCs has not expired;

(c) he shall only fill tanks with the dangerous goods authorized for carriage in those tanks;

(d) he shall, in filling the tank, comply with the requirements concerning dangerous goods in adjoining compartments;

(e) he shall, during the filling of the tank, observe the maximum permissible degree of filling or the maximum permissible mass of contents per litre of capacity for the substance being filled;

(f) he shall, after filling the tank, check the leakproofness of the closing devices;

(g) he shall ensure that no dangerous residue of the filling substance adheres to the outside of the tanks filled by him;

(h) he shall, in preparing the dangerous goods for carriage, ensure that the orange plates and placards or labels prescribed are affixed on the tanks, on the vehicles and on the large and small containers for carriage in bulk in accordance with the requirements.

1.4.3.4 ***Tank-container/portable tank operator***

In the context of 1.4.1, the tank-container/portable tank operator shall in particular:

(a) ensure compliance with the requirements for construction, equipment, tests and marking;

(b) ensure that the maintenance of shells and their equipment is carried out in such a way as to ensure that, under normal operating conditions, the tank-container/portable tank satisfies the requirements of ADR until the next inspection;

(c) have an exceptional check made when the safety of the shell or its equipment is liable to be impaired by a repair, an alteration or an accident.

1.4.3.5 *(Reserved)*

CHAPTER 1.5

DEROGATIONS

1.5.1 Temporary derogations

1.5.1.1 For the purpose of adapting the requirements of ADR to technological and industrial developments, the competent authorities of the Contracting Parties may agree directly among themselves to authorize certain transport operations in their territories by temporary derogation from the requirements of ADR, provided that safety is not compromised thereby. The authority which has taken the initiative with respect to the temporary derogation shall notify such derogations to the Secretariat of the United Nations Economic Commission for Europe which shall bring them to the attention of the Contracting Parties [1].

NOTE: *"Special arrangement" in accordance with 1.7.4 is not considered to be a temporary derogation in accordance with this section.*

1.5.1.2 The period of validity of the temporary derogation shall not be more than five years from the date of its entry into force. The temporary derogation shall automatically cease as from the date of the entry into force of a relevant amendment to ADR.

1.5.1.3 Transport operations on the basis of temporary derogations shall constitute transport operations in the sense of ADR.

1.5.2 *(Reserved)*

[1] *Note by the Secretariat: The special agreements concluded under this Chapter may be consulted on the web site of the Secretariat of the United Nations Economic Commission for Europe (http://www.unece.org/trans/danger/danger.htm).*

CHAPTER 1.6

TRANSITIONAL MEASURES

1.6.1 General

1.6.1.1 Unless otherwise provided, the substances and articles of ADR may be carried until 31 December 2002 in accordance with the requirements of ADR applicable up to 30 June 2001.

1.6.1.2 The danger labels which until 31 December 1998 conformed to the models prescribed up to that date may be used until stocks are exhausted.

1.6.1.3 Substances and articles of Class 1, belonging to the armed forces of a Contracting Party, that were packaged prior to 1 January 1990 in accordance with the requirements of ADR in effect at that time may be carried after 31 December 1989 provided the packagings maintain their integrity and are declared in the transport document as military goods packaged prior to 1 January 1990. The other requirements applicable as from 1 January 1990 for this class shall be complied with.

1.6.1.4 Substances and articles of Class 1 that were packaged between 1 January 1990 and 31 December 1996 in accordance with the requirements of ADR in effect at that time may be carried after 31 December 1996, provided the packagings maintain their integrity and are declared in the transport document as goods of Class 1 packaged between 1 January 1990 and 31 December 1996.

1.6.1.5 *(Reserved)*

1.6.2 Receptacles for Class 2

1.6.2.1 Receptacles built before 1 January 1997 and which do not conform to the requirements of ADR applicable as from 1January 1997, but the carriage of which was permitted under the requirements of ADR applicable up to 31 December 1996, may continue to be transported after that date if the periodic test requirements in packing instructions P200 and P203 are complied with.

1.6.2.2 Cylinders in accordance with the definition in 1.2.1 which were submitted to an initial inspection or periodic inspection before 1 January 1997 may be transported empty and uncleaned without a label until the date of the next refilling or the next periodic inspection.

1.6.3 Fixed tanks (tank-vehicles), demountable tanks and battery-vehicles

1.6.3.1 Fixed tanks (tank-vehicles), demountable tanks and battery-vehicles built before the entry into force of the requirements applicable as from 1 October 1978 may be kept in service if the equipment of the shell meets the requirements of Chapter 6.8. The thickness of the shell wall, except in the case of shells intended for the carriage of refrigerated liquefied gases of Class 2, shall be appropriate to a calculation pressure of not less than 0.4 MPa (4bar) (gauge pressure) in the case of mild steel or of not less than 200 kPa (2 bar) (gauge pressure) in the case of aluminium and aluminium alloys. For other than circular cross-sections of tanks, the diameter to be used as a basis for calculation shall be that of a circle whose area is equal to that of the actual cross-section of the tank.

1.6.3.2 The periodic tests for fixed tanks (tank-vehicles), demountable tanks and battery-vehicles kept in service under these transitional requirements shall be conducted in accordance with the requirements of 6.8.2.4 and 6.8.3.4 and with the pertinent special requirements for the various classes. Unless the earlier requirements prescribed a higher test pressure, a test

pressure of 200 kPa (2 bar) (gauge pressure) shall suffice for aluminium shells and aluminium alloy shells.

1.6.3.3 Fixed tanks (tank-vehicles), demountable tanks and battery-vehicles which meet the transitional requirements in 1.6.3.1 and 1.6.3.2 may be used until 30 September 1993 for the carriage of the dangerous goods for which they have been approved. This transitional period shall not apply to fixed tanks (tank-vehicles), demountable tanks and battery-vehicles intended for the carriage of substances of Class 2, or to fixed tanks (tank-vehicles), demountable tanks and battery-vehicles whose wall thickness and items of equipment meet the requirements of Chapter 6.8.

1.6.3.4 (a) Fixed tanks (tank-vehicles), demountable tanks and battery-vehicles constructed before 1 May 1985 in accordance with the requirements of ADR in force between 1 October 1978 and 30 April 1985 but not conforming to the requirements applicable as from 1 May 1985 may continue to be used after that date.

(b) Fixed tanks (tank-vehicles), demountable tanks and battery-vehicles, constructed between 1 May 1985 and the entry into force of the requirements applicable as from 1 January 1988 which do not conform to those requirements but were constructed according to the requirements of ADR in force until that date, may continue to be used after that date.

1.6.3.5 Fixed tanks (tank-vehicles), demountable tanks and battery-vehicles, constructed before 1 January 1993 in accordance with the requirements in force up to 31 December 1992 but which do not conform to the requirements applicable as from 1 January 1993 may still be used.

1.6.3.6. (a) Fixed tanks (tank-vehicles), demountable tanks and battery-vehicles constructed between 1 January 1978 and 31 December 1984, if used after 31 December 2004, shall conform to the requirements of marginal 211 127(5), applicable as from 1 January 1990, concerning shell thickness and protection against damage.

(b) Fixed tanks (tank-vehicles), demountable tanks and battery-vehicles constructed between 1 January 1985 and 31 December 1989, if used after 31 December 2010, shall conform to the requirements of marginal 211 127(5), applicable as from 1January 1990, concerning shell thickness and protection against damage.

1.6.3.7 Fixed tanks (tank-vehicles), demountable tanks and battery-vehicles constructed before 1 January 1999 in accordance with the requirements in force up to 31 December 1998 but which do not, however, conform to the requirements applicable as from 1 January 1999 may still be used.

1.6.3.8 Fixed tanks (tank-vehicles) demountable tanks and battery-vehicles intended for the carriage of substances of Class 2, which were built prior to 1 January 1997, may carry markings conforming to the requirements applicable up to 31 December 1996, until the next periodic test.

However, for the proper shipping names required in 6.8.3.5.2 or 6.8.3.5.3, it is not necessary to take account of subsequent adaptations of the proper shipping names of these gases, provided that the proper shipping name in force appears on the shell or on the plate at latest after the date following the next periodic test.

1.6.3.9 *(Reserved)*

1.6.3.10 Fixed tanks (tank-vehicles) and demountable tanks constructed before 1 January 1995, which were intended for the carriage of substances of UN No. 3256, but which do not, however,

conform to the requirements applicable as from 1 January 1995, may still be used until 31 December 2004.

1.6.3.11 Fixed tanks (tank-vehicles) and demountable tanks constructed before 1 January 1997 in accordance with the requirements in force up to 31 December 1996 but which do not, however, conform to the requirements of marginals 211 332 and 211 333 applicable as from 1 January 1997, may still be used.

1.6.3.12 Fixed tanks (tank-vehicles) and demountable tanks intended for the carriage of UN No. 2401 piperidine constructed before 1 January 1999 in accordance with the requirements of marginal 211 322 in force up to 31 December 1998, but which do not, however, conform to the requirements applicable as from 1 January 1999, may continue to be used until 31 December 2004.

1.6.3.13 Fixed tanks (tank-vehicles) and demountable tanks intended for the carriage of substances of UN No. 3257 constructed before 1 January 1997 which do not however conform to the requirements applicable as from 1 January 1997, may continue to be used until 31 December 2006.

1.6.3.14 *(Reserved)*

1.6.3.15 Fixed tanks (tank-vehicles) and demountable tanks intended for the carriage of substances with the following UN Nos.: 1092, 1098, 1135, 1143, 1182, 1199, 1238, 1251, 1605, 1647, 1695, 1809, 2295, 2337, 2407, 2438, 2477, 2487, 2488, 2558, 2606, 2644, 2646, 2686, 3023, 3289 and 3290, constructed before 1 January 1997 in accordance with the requirements in force up to 31 December 1996, but which do not conform with the requirements applicable as from 1 January 1997 may continue to be used until 31 December 2002.

1.6.3.16 Battery-vehicles first registered before 1 July 1997 which do not meet the requirements of 9.2.2, may continue to be used until 31 December 2004.

1.6.3.17 *(Reserved)*

1.6.3.18 Fixed tanks (tank-vehicles), demountable tanks and battery-vehicles constructed before 1 January 2003 in accordance with the requirements in force up to 30 June 2001, but which do not, however, conform to the requirements applicable as from 1 July 2001, may still be used. Assignment to the tank code in the design type approvals and the relevant markings shall be carried out prior to 1 January 2009.

1.6.3.19 ***Fibre-reinforced plastics (FRP) tanks***

FRP tanks which have been constructed before 1 July 2002 in conformity with a design type approved before 1 July 2001 in accordance with the requirements of Appendix B.1c which were in force until 30 June 2001 may continue to be used until the end of their lifetime provided that all the requirements in force up to 30 June 2001 have been and continue to be complied with.
However, as from 1 July 2001, no new design type may be approved in accordance with the requirements in force until 30 June 2001.

1.6.4 Tank-containers and MEGCs

1.6.4.1 Tank-containers constructed before 1 January 1988 in accordance with the requirements in force up to 31 December 1987 but which do not, however, conform to the requirements applicable as from 1 January 1988, may still be used.

1.6.4.2 Tank-containers constructed before 1 January 1993 in accordance with the requirements in force up to 31 December 1992 but which do not, however, conform to the requirements applicable as from 1 January 1993, may still be used.

1.6.4.3 Tank-containers constructed before 1 January 1999 in accordance with the requirements in force up to 31 December 1998 but which do not, however, conform to the requirements applicable as from 1 January 1999, may still be used.

1.6.4.4 *(Reserved)*

1.6.4.5 Tank-containers intended for the carriage of substances of Class 2, which were constructed before 1 January 1997, may bear markings conforming to the requirements applicable up to 31 December 1996 until the next periodic test.
However, for the proper shipping names required in 6.8.3.5.2 or 6.8.3.5.3, it is not necessary to take account of subsequent adaptations of the proper shipping names of these gases, provided that the proper shipping name in force appears on the shell or on the plate at latest after the date following the next periodic test.

1.6.4.6 Tank-containers which were intended for the carriage of substances of UN No. 3256, constructed before 1 January 1995, but which do not, however, conform with the requirements applicable as from 1 January 1995, may still be used until 31 December 2004.

1.6.4.7 Tank-containers constructed before 1 January 1997 in accordance with the requirements in force up to 31 December 1996 but which do not, however, conform to the requirements of marginals 212 332 and 212 333 applicable as from 1 January 1997, may still be used.

1.6.4.8 *(Reserved)*

1.6.4.9 Tank-containers intended for the carriage of UN No. 2401 piperidine, built before 1 January 1999 in accordance with the requirements of marginal 212 322 applicable up to 31 December 1998, but which do not, however, conform to the requirements applicable as from 1 January 1999, may continue to be used until 31 December 2003.

1.6.4.10 Tank-containers which were intended for the carriage of substances of UN No. 3257, built before 1 January 1997, but which do not conform, however, with the requirements applicable as from 1 January 1997, may still be used until 31 December 2006.

1.6.4.11 Tank-containers intended for the carriage of substances with the following UN Nos.: 1092, 1098, 1135, 1143, 1182, 1199, 1238, 1251, 1605, 1647, 1695, 1809, 2295, 2337, 2407, 2438, 2477, 2487, 2488, 2558, 2606, 2644, 2646, 2686, 3023, 3289 and 3290, constructed before 1 January 1997 in accordance with the requirements in force up to 31 December 1996, but which do not conform to the requirements applicable as from 1 January 1997 may continue to be used until 31 December 2001.

1.6.4.12 Tank-containers and MEGCs constructed before 1 January 2003 in accordance with the requirements applicable up to 30 June 2001, but which do not, however, conform to the requirements applicable as from 1 July 2001, may still be used. Assignment to the tank codes in the design type approvals and the relevant markings shall be carried out prior to 1 January 2008.

1.6.5 Vehicles

1.6.5.1 Transport units intended for the carriage of tank-containers or portable tanks exceeding 3 000 litres capacity first registered before 1 July 1997 which do not comply with the requirements of 9.1.2 and 9.2.2 may continue to be used until 31 December 2004. These transport units shall be subject, until that date, to the provisions of marginal 10 283 which

were in force until 31 December 1996, and may be issued with a certificate in accordance with the model shown in Appendix B.3 applicable up to 30 June 2001.

1.6.5.2 Vehicles carrying demountable tanks and vehicles intended for the carriage of tank-containers or portable tanks registered before 1 January 1995, which were used, before that date, for the carriage of substances of UN No. 3256 and which do not fully comply with the requirements of 9.2.2, 9.2.3, 9.2.5, and 9.7.6 may continue to be used until 31 December 2004.
When a certificate of approval is required in accordance with 9.1.2.1.2, this certificate shall bear a mention indicating that the vehicle has been approved on the basis of 1.6.5.2.

1.6.5.3 Vehicles carrying demountable tanks and vehicles intended for the carriage of tank-containers or portable tanks registered before 1 January 1997, which were used, before that date, for the carriage of substances of UN No. 3257 and which do not fully comply with the requirements of 9.2.2, 92.3, 9.2.5, and 9.7.6 may continue to be used until 31 December 2006.
When a certificate of approval is required in accordance with 9.1.2.1.2, this certificate shall bear a mention indicating that the vehicle has been approved on the basis of 1.6.5.3.

1.6.5.4 As regards the construction of base vehicles, the requirements in force up to 30 June 2001 may be applied until 31 December 2002.

1.6.6 Class 7

1.6.6.1 ***Packages not requiring competent authority approval of design under the 1985 and 1985 (as amended 1990) editions of IAEA Safety Series No. 6***

Excepted packages, Industrial packages Type IP-1, Type IP-2 and Type IP-3 and Type A packages that did not require approval of design by the competent authority and which meet the requirements of the 1985 or 1985 (as amended 1990) Editions of IAEA Regulations for the Safe Transport of Radioactive Material (IAEA Safety Series No. 6) may continue to be used subject to the mandatory programme of quality assurance in accordance with the requirements of 1.7.3 and the activity limits and material restrictions of 2.2.7.7.

Any packaging modified, unless to improve safety, or manufactured after 31 December 2003, shall meet the requirements of ADR. Packages prepared for carriage not later than 31 December 2003 under the 1985 or 1985 (as amended 1990) Editions of IAEA Safety Series No. 6 may continue in transport. Packages prepared for carriage after this date shall meet the requirements of ADR.

1.6.6.2 ***Packages approved under the 1973, 1973 (as amended), 1985 and 1985 (as amended 1990) editions of IAEA Safety Series No. 6***

1.6.6.2.1 Packagings manufactured to a package design approved by the competent authority under the provisions of the 1973 or 1973 (as amended) Editions of IAEA Safety Series No. 6 may continue to be used, subject to: multilateral approval of package design, the mandatory programme of quality assurance in accordance with the applicable requirements of 1.7.3 and the activity limits and material restrictions of 2.2.7.7. No new manufacture of such packaging shall be permitted to commence. Changes in the design of the packaging or in the nature or quantity of the authorized radioactive contents which, as determined by the competent authority, would significantly affect safety shall require that the requirements of ADR be met. A serial number according to the provision of 5.2.1.7.5 shall be assigned to and marked on the outside of each packaging.

1.6.6.2.2 Packagings manufactured to a package design approved by the competent authority under the provisions of the 1985 or 1985 (as amended 1990) Editions of IAEA Safety Series No. 6

may continue to be used until 31 December 2003, subject to: the mandatory programme of quality assurance in accordance with the requirements of 1.7.3 and the activity limits and material restrictions of 2.2.7.7. After this date use may continue subject, additionally, to multilateral approval of package design. Changes in the design of the packaging or in the nature or quantity of the authorized radioactive contents which, as determined by the competent authority, would significantly affect safety shall require that the requirements of these Regulations be met. All packagings for which manufacture begins after 31 December 2006 shall meet the requirements of ADR.

1.6.6.3 ***Special form radioactive material approved under the 1973, 1973 (as amended), 1985 and 1985 (as amended 1990) Editions of IAEA Safety Series No. 6***

Special form radioactive material manufactured to a design which had received unilateral approval by the competent authority under the 1973, 1973 (as amended), 1985 or 1985 (as amended 1990) Editions of IAEA Safety Series No. 6 may continue to be used when in compliance with the mandatory programme of quality assurance in accordance with the applicable requirements of 1.7.3. All special form radioactive material manufactured after 31 December 2003 shall meet the requirements of ADR.

1.6.6.4 For the carriage of Class 7 material, the transitional measures of 1.6.1.1 shall be applicable up to 31 December 2001 only, except with respect to the application of Chapters 1.4 and 1.8 for which they shall remain applicable until 31 December 2002.

CHAPTER 1.7

GENERAL REQUIREMENTS CONCERNING CLASS 7

1.7.1 General

1.7.1.1 ADR establishes standards of safety which provide an acceptable level of control of the radiation, criticality and thermal hazards to persons, property and the environment that are associated with the carriage of radioactive material. These standards are based on the IAEA Regulations for the Safe Transport of Radioactive Material (ST-1), IAEA, Vienna (1996). Explanatory material on ST-1 can be found in "Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material (1996 Edition)", Safety Standard Series No. ST-2, IAEA, Vienna (to be published).

1.7.1.2 The objective of ADR is to protect persons, property and the environment from the effects of radiation during the carriage of radioactive material. This protection is achieved by requiring:

(a) Containment of the radioactive contents;

(b) Control of external radiation levels;

(c) Prevention of criticality; and

(d) Prevention of damage caused by heat.

These requirements are satisfied firstly by applying a graded approach to contents limits for packages and vehicles and to performance standards applied to package designs depending upon the hazard of the radioactive contents. Secondly, they are satisfied by imposing requirements on the design and operation of packages and on the maintenance of packagings, including a consideration of the nature of the radioactive contents. Finally, they are satisfied by requiring administrative controls including, where appropriate, approval by competent authorities.

1.7.1.3 ADR applies to the carriage of radioactive material by road including carriage which is incidental to the use of the radioactive material. Carriage comprises all operations and conditions associated with and involved in the movement of radioactive material; these include the design, manufacture, maintenance and repair of packaging, and the preparation, consigning, loading, carriage including in-transit storage, unloading and receipt at the final destination of loads of radioactive material and packages. A graded approach is applied to the performance standards in ADR that is characterized by three general severity levels:

(a) Routine conditions of carriage (incident free);

(b) Normal conditions of carriage (minor mishaps);

(c) Accident conditions of carriage.

1.7.2 Radiation protection programme

1.7.2.1 The carriage of radioactive material shall be subject to a Radiation protection programme which shall consist of systematic arrangements aimed at providing adequate consideration of radiation protection measures.

1.7.2.2 The nature and extent of the measures to be employed in the programme shall be related to the magnitude and likelihood of radiation exposures. The programme shall incorporate the requirements in 1.7.2.3, and 1.7.2.4, CV33 (1.1) and (1.4) of 7.5.11 and applicable

emergency response procedures. Programme documents shall be available, on request, for inspection by the relevant competent authority.

1.7.2.3 Protection and safety shall be optimized in order that the magnitude of individual doses, the number of persons exposed, and the likelihood of incurring exposure shall be kept as low as reasonably achievable, economic and social factors being taken into account, and doses to persons shall be below the relevant dose limits. A structured and systematic approach shall be adopted and shall include consideration of the interfaces between carriage and other activities.

1.7.2.4 For occupational exposures arising from transport activities, where it is assessed that the effective dose:

(a) is most unlikely to exceed 1 mSv in a year, no special work patterns, detailed monitoring, dose assessment programmes or individual record keeping shall be required;

(b) is likely to be between 1 mSv and 6 mSv in a year, a dose assessment programme via work place monitoring or individual monitoring shall be conducted;

(c) is likely to exceed 6 mSv in a year, individual monitoring shall be conducted.

When individual monitoring or work place monitoring is conducted, appropriate records shall be kept.

1.7.3 Quality assurance

Quality assurance programmes based on international, national or other standards acceptable to the competent authority shall be established and implemented for the design, manufacture, testing, documentation, use, maintenance and inspection of all special form radioactive material, low dispersible radioactive material and packages and for carriage and in-transit storage operations to ensure compliance with the relevant provisions of ADR. Certification that the design specification has been fully implemented shall be available to the competent authority. The manufacturer, consignor or user shall be prepared to provide facilities for competent authority inspection during manufacture and use and to demonstrate to any cognizant competent authority that:

(a) the manufacturing methods and materials used are in accordance with the approved design specifications; and

(b) all packagings are periodically inspected and, as necessary, repaired and maintained in good condition so that they continue to comply with all relevant requirements and specifications, even after repeated use.

Where competent authority approval is required, such approval shall take into account and be contingent upon the adequacy of the quality assurance programme.

1.7.4 Special arrangement

1.7.4.1 Special arrangement shall mean those provisions, approved by the competent authority, under which consignments which do not satisfy all the requirements of ADR applicable to radioactive material may be transported.

NOTE: *Special arrangement is not considered to be a temporary derogation in accordance with 1.5.1.*

1.7.4.2 Consignments for which conformity with any provision applicable to Class 7 is impracticable shall not be transported except under special arrangement. Provided the competent authority is satisfied that conformity with the Class 7 provisions of ADR is impracticable and that the requisite standards of safety established by ADR have been

demonstrated through alternative means the competent authority may approve special arrangement transport operations for single or a planned series of multiple consignments. The overall level of safety in carriage shall be at least equivalent to that which would be provided if all the applicable requirements had been met. For international consignments of this type, multilateral approval shall be required.

1.7.5 Radioactive material possessing other dangerous properties

In addition to the radioactive and fissile properties, any subsidiary risk of the contents of the package, such as explosiveness, flammability, pyrophoricity, chemical toxicity and corrosiveness, shall also be taken into account in the documentation, packing, labelling, marking, placarding, stowage, segregation and carriage, in order to be in compliance with all relevant provisions for dangerous goods of ADR.

CHAPTER 1.8

CHECKS AND OTHER SUPPORT MEASURES TO ENSURE COMPLIANCE WITH SAFETY REQUIREMENTS

1.8.1 Administrative controls of dangerous goods

1.8.1.1 The competent authorities of the Contracting Parties may, on their national territory, at any time, conduct spot checks to verify whether the requirements concerning the carriage of dangerous goods have been met.

These checks shall, however, be made without endangering persons, property or the environment and without major disruption of road services.

1.8.1.2 Participants in the carriage of dangerous goods (Chapter 1.4) shall, without delay, in the context of their respective obligations, provide the competent authorities and their agents with the necessary information for carrying out the checks.

1.8.1.3 The competent authorities may also, for the purposes of carrying out checks on the premises of the enterprises participating in the carriage of dangerous goods (Chapter 1.4), make inspections, consult the necessary documents and remove samples of dangerous goods or packagings for examination, provided that safety is not jeopardized thereby. The participants in the carriage of dangerous goods (Chapter 1.4) shall also make the vehicles or parts of vehicles and the equipment and installations accessible for the purpose of checking where this is possible and reasonable. They may, if they deem necessary, designate a person from the enterprise to accompany the representative of the competent authority.

1.8.1.4 If the competent authorities observe that the requirements of ADR have not been met, they may prohibit a consignment or interrupt a transport operation until the defects observed are rectified, or they may prescribe other appropriate measures. Immobilization may take place on the spot or at another place selected by the authorities for safety reasons. These measures shall not cause a major disruption in road services.

1.8.2 Mutual administrative support

1.8.2.1 The Contracting Parties shall agree on mutual administrative support for the implementation of ADR.

1.8.2.2 When a Contracting Party has reasons to observe that the safety of the carriage of dangerous goods on its territory is compromised as a result of very serious or repeated infringements by an enterprise which has its headquarters on the territory of another Contracting Party, it shall notify the competent authorities of this Contracting Party of such infringements. The competent authorities of the Contracting Party on the territory of which the very serious or repeated infringements were observed may request the competent authorities of the Contracting Party on the territory of which the enterprise has its headquarters to take appropriate measures against the offender(s). The transmission of data referring to persons shall not be permitted unless it is necessary for the prosecution of very serious or repeated infringements.

1.8.2.3 The authorities notified shall communicate to the competent authorities of the Contracting Party on the territory of which the infringements were observed, the measures which have, if necessary, been taken with respect to the enterprise.

1.8.3 Safety adviser

NOTE: *The provisions of Section 1.8.3 are only applicable if the competent authorities of the country or countries to which the various participants in a transport chain are accountable have taken the necessary administrative measures to allow their implementation. These measures shall have been taken to allow the application of Section 1.8.3 at latest by 1 January 2003.*

1.8.3.1 Each undertaking, the activities of which include the carriage, or the related packing, loading, filling or unloading, of dangerous goods by road shall appoint one or more safety advisers for the carriage of dangerous goods, responsible for helping to prevent the risks inherent in such activities with regard to persons, property and the environment.

1.8.3.2 The competent authorities of the Contracting Parties may provide that these requirements shall not apply to undertakings:

(a) the activities of which concern quantities in each transport unit smaller than those referred to in 1.1.3.6, 2.2.7.1.2 and in Chapters 3.3 and 3.4, or

(b) the main or secondary activities of which are not the carriage or the related loading or unloading of dangerous goods but which occasionally engage in the national carriage or the related loading or unloading of dangerous goods posing little danger or risk of pollution.

1.8.3.3 The main task of the adviser shall be, under the responsibility of the head of the undertaking, to seek by all appropriate means and by all appropriate action, within the limits of the relevant activities of that undertaking, to facilitate the conduct of those activities in accordance with the requirements applicable and in the safest possible way.

With regard to the undertaking's activities, the adviser has the following duties in particular:

- monitoring compliance with the requirements governing the carriage of dangerous goods;

- advising his undertaking on the carriage of dangerous goods;

- preparing an annual report to the management of his undertaking or a local public authority, as appropriate, on the undertaking's activities in the carriage of dangerous goods. Such annual reports shall be preserved for five years and made available to the national authorities at their request.

The adviser's duties also include monitoring the following practices and procedures relating to the relevant activities of the undertaking:

- the procedures for compliance with the requirements governing the identification of dangerous goods being transported;

- the undertaking's practice in taking account, when purchasing means of transport, of any special requirements in connection with the dangerous goods being transported;

- the procedures for checking the equipment used in connection with the carriage, loading or unloading of dangerous goods;

- the proper training of the undertaking's employees and the maintenance of records of such training;

- the implementation of proper emergency procedures in the event of any accident or incident that may affect safety during the carriage, loading or unloading of dangerous goods;

- investigating and, where appropriate, preparing reports on serious accidents, incidents or serious infringements recorded during the carriage, loading or unloading of dangerous goods;

- the implementation of appropriate measures to avoid the recurrence of accidents, incidents or serious infringements;

- the account taken of the legal prescriptions and special requirements associated with the carriage of dangerous goods in the choice and use of sub-contractors or third parties;

- verification that employees involved in the carriage, loading or unloading of dangerous goods have detailed operational procedures and instructions,

- the introduction of measures to increase awareness of the risks inherent in the carriage, loading and unloading of dangerous goods;

- the implementation of verification procedures to ensure the presence on board means of transport of the documents and safety equipment which must accompany transport and the compliance of such documents and equipment with the regulations;

- the implementation of verification procedures to ensure compliance with the requirements governing loading and unloading.

1.8.3.4 The adviser may also be the head of the undertaking, a person with other duties in the undertaking, or a person not directly employed by that undertaking, provided that that person is capable of performing the duties of adviser.

1.8.3.5 Each undertaking concerned shall, on request, inform the competent authority or the body designated for that purpose by each Contracting Party of the identity of its adviser.

1.8.3.6 Whenever an accident affects persons, property or the environment or results in damage to property or the environment during carriage, loading or unloading carried out by the undertaking concerned, the adviser shall, after collecting all the relevant information, prepare an accident report to the management of the undertaking or to a local public authority, as appropriate. That report shall not replace any report by the management of the undertaking which might be required under any other international or national legislation.

1.8.3.7 An adviser shall hold a vocational training certificate, valid for transport by road. That certificate shall be issued by the competent authority or the body designated for that purpose by each Contracting Party.

1.8.3.8 To obtain a certificate, a candidate shall undergo training and pass an examination approved by the competent authority of the Contracting Party.

1.8.3.9 The main aims of the training shall be to provide candidates with sufficient knowledge of the risks inherent in the carriage of dangerous goods, of the laws, regulations and administrative provisions applicable to the modes of transport concerned and of the duties listed in 1.8.3.3.

1.8.3.10 The examination shall be organized by the competent authority or by an examining body designated by the competent authority.

The examining body shall be designated in writing. This approval may be of limited duration and shall be based on the following criteria:

- competence of the examining body;

- specifications of the form of the examinations the examining body is proposing;

- measures intended to ensure that examinations are impartial;

- independence of the body from all natural or legal persons employing safety advisers.

1.8.3.11 The aim of the examination is to ascertain whether candidates possess the necessary level of knowledge to carry out the duties incumbent upon a safety adviser as listed in 1.8.3.3, for the purpose of obtaining the certificate prescribed in sub-section 1.8.3.7, and it shall cover at least the following subjects:

(a) Knowledge of the types of consequences which may be caused by an accident involving dangerous goods and knowledge of the main causes of accidents;

(b) Requirements under national law, international conventions and agreements, with regard to the following in particular:

- classification of dangerous goods (procedure for classifying solutions and mixtures, structure of the list of substances, classes of dangerous goods and principles for their classification, nature of dangerous goods transported, physical, chemical and toxicological properties of dangerous goods);

- general packing provisions, provisions for tanks and tank-containers (types, code, marking, construction, initial and periodic inspection and testing);

- marking and labelling, placarding and orange plates marking (marking and labelling of packages, placing and removal of placards and orange plates);

- particulars in transport documents (information required);

- method of consignment and restrictions on dispatch (full load, carriage in bulk, carriage in intermediate bulk containers, carriage in containers, carriage in fixed or demountable tanks);

- transport of passengers;

- prohibitions and precautions relating to mixed loading;

- segregation of goods;

- limitation of the quantities carried and quantities exemptions;

- handling and stowage (loading and unloading - filling ratios -, stowage and segregation);

- cleaning and/or degassing before loading and after unloading;

- crews, vocational training;

- vehicle documents (transport document, instructions in writing, vehicle approval certificate, driver training certificate, copies of any derogations, other documents);

- instructions in writing (implementation of the instructions and crew protection equipment);

- supervision requirements (parking);

- traffic regulations and restrictions;

- operational discharges or accidental leaks of pollutants;

- requirements relating to transport equipment.

1.8.3.12 The examination shall consist of a written test which may be supplemented by an oral examination.

The written examination shall consist of two parts:

(a) Candidates shall receive a questionnaire. It shall include at least 20 open questions covering at least the subjects mentioned in the list in 1.8.3.11. However, multiple choice questions may be used. In this case, two multiple choice questions count as one open question. Amongst these subjects particular attention shall be paid to the following subjects:

- general preventive and safety measures;

- classification of dangerous goods;

- general packing provisions, including tanks, tank-containers, tank-vehicles, etc.;

- danger markings and labels;

- information in transport document;

- handling and stowage;

- crew, vocational training;

- vehicle documents and transport certificates;

- instructions in writing;

- requirements concerning transport equipment.

(b) Candidates shall undertake a case study in keeping with the duties of the adviser referred to in 1.8.3.3, in order to demonstrate that they have the necessary qualifications to fulfil the task of adviser.

1.8.3.13 The Contracting Parties may decide that candidates who intend working for undertakings specializing in the carriage of certain types of dangerous goods need only be questioned on the substances relating to their activities. These types of goods are:

- Class 1;
- Class 2;
- Class 7;
- Classes 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2, 8 and 9;
- UN Nos. 1202, 1203 and 1223.

The certificate prescribed in 1.8.3.7 shall clearly indicate that it is only valid for one type of the dangerous goods referred to in this sub-section and on which the adviser has been questioned under the conditions defined in 1.8.3.12.

1.8.3.14 The competent authority or the examining body shall keep a running list of the questions that have been included in the examination.

1.8.3.15 The certificate prescribed in 1.8.3.7 shall take the form laid down in 1.8.3.18 and shall be recognized by all Contracting Parties.

1.8.3.16 The certificate shall be valid for five years. The period of validity of a certificate shall be extended automatically for five years at a time where, during the final year before its expiry, its holder has followed refresher courses or passed an examination both of which shall be approved by the competent authority.

1.8.3.17 The requirements set out in 1.8.3.1 to 1.8.3.16 shall be considered to have been fulfilled if the relevant conditions of Council Directive 96/35/EC of 3 June 1996 on the appointment and vocational qualification of safety advisers for the transport of dangerous goods by road, rail and inland waterway [1] and of Directive 2000/18/EC of the European Parliament and of the Council of 17 April 2000 on minimum examination requirements for safety advisers for the transport of dangerous goods by road, rail or inland waterway [2] are applied.

[1] *Official Journal of the European Communities, No. L145 of 19 June 1996, page 10.*

[2] *Official Journal of the European Communities, No. L118 of 19 May 2000, page 41.*

1.8.3.18 ***Form of certificate***

Certificate of training as safety adviser for the transport of dangerous goods

Certificate No: .....

Distinguishing sign of the State issuing the certificate: .....

Surname: .....

Forename(s): .....

Date and place of birth: .....

Nationality: .....

Signature of holder: .....

Valid until ..... for undertakings which transport dangerous goods and for undertakings which carry out related loading or unloading:

G by road **G** by rail **G** by inland waterway

Issued by: ....

Date:	Signature: .....
Extended until:	By: .....
Date:	Signature: .....

1.8.4 List of competent authorities and bodies designated by them

The Contracting Parties shall communicate to the Secretariat of the United Nations Economic Commission for Europe the addresses of the authorities and bodies designated by them which are competent in accordance with national law to implement ADR, referring in each case to the relevant requirement of ADR and giving the addresses to which the relevant applications should be made.

The Secretariat of the United Nations Economic Commission for Europe shall establish a list on the basis of the information received and shall keep it up-to-date. It shall communicate this list and the amendments thereto to the Contracting Parties [3].

1.8.5 Notifications of occurrences involving dangerous goods

1.8.5.1 If a serious accident or incident takes place during the carriage of dangerous goods on the territory of a Contracting Party, the carrier is required to make a report to the competent authority of the Contracting Party concerned.

1.8.5.2 The Contracting Party shall in turn, if necessary, make a report to the Secretariat of the United Nations Economic Commission for Europe with a view to informing the other Contracting Parties.

[3] *A list of the competent authorities (up-to date on 1 January 2001) can be found in the Appendix to Part 1.*

CHAPTER 1.9

TRANSPORT RESTRICTIONS BY THE COMPETENT AUTHORITIES

1.9.1 In accordance with Article 4, paragraph 1 of ADR, the entry of dangerous goods into the territory of Contracting Parties may be subject to regulations or prohibitions imposed for reasons other than safety during carriage. Such regulations or prohibitions shall be published in an appropriate form.

1.9.2 Subject to the provisions of 1.9.3, a Contracting Party may apply to vehicles engaged in the international carriage of dangerous goods by road on its territory certain additional provisions not included in ADR, provided that those provisions do not conflict with Article 2, paragraph 2 of the Agreement, and are contained in its domestic legislation applying equally to vehicles engaged in the domestic carriage of dangerous goods by road on the territory of that Contracting Party.

1.9.3 Additional provisions falling within the scope of 1.9.2 are as follows:

(a) Additional safety requirements or restrictions concerning vehicles using certain structures such as bridges or tunnels, vehicles using combined transport modes such as ferries or trains, or vehicles entering or leaving ports or other transport terminals;

(b) Requirements for vehicles to follow prescribed routes to avoid commercial or residential areas, environmentally sensitive areas, industrial zones containing hazardous installations or roads presenting severe physical hazards;

(c) Emergency requirements regarding routeing or parking of vehicles carrying dangerous goods resulting from extreme weather conditions, earthquake, accident, industrial action, civil disorder or military hostilities;

(d) Restrictions on movement of dangerous goods traffic on certain days of the week or year.

1.9.4 The competent authority of the Contracting Party applying on its territory any additional provisions within the scope of 1.9.3 (a) and (d) above shall notify the Secretariat of the United Nations Economic Commission for Europe of the additional provisions, which Secretariat shall bring them to the attention of the Contracting Parties.

APPENDIX TO PART 1

LIST OF COMPETENT AUTHORITIES
(up-to-date on 1 January 2001)

***NOTE 1**: This Appendix is not part of ADR. It has been included in this publication for information purposes.*

***NOTE 2**: The list of competent authorities is periodically updated on the web site of the Secretariat of the United Nations Economic Commission for europe (http://www.unece.org/trans/danger/comp.htm).*

AUSTRIA Bundesministerium für Verkehr, Innovation und Technologie Verwaltungsbereich Verkehr Abteilung II/B/9 Radetzkystrasse 2 A - 1030 VIENNA	 Tel: +43 1 71162 ext. 1500 Telex: 111 800 Fax: +43 1 71162 1599 E-mail: gustav.kafka@bmv.gv.at
AZERBAIJAN Azeravtonagliyyat Block 1054 Tbilisi av. 370602 BAKU	 Tel: +89922 985609-319111 Fax: +89922 983819
BELARUS Committee of the Republic of Belarus for ensuring the safe performance of work in Industry and Atomic Energy (Promatomnadzor) Ul. Kazintsa 86/1 SU - 220108 MINSK President: Mr. Vladimir Ivanovich YATSEVICH ***Contact person***: ***Mr. Ivan Ivanovic VLASOV*** Chief of Inter-Branch Inspectorate for the safe carriage of dangerous goods by motor vehicle	 Tel: +375 172 78 43 00 Fax: +375 172 78 43 02 Tel/Fax: +375 172 78 43 45
BELGIUM Ministère des Communications Administration de la Réglementation de la Circulation et de l'Infrastructure Service ADR Résidence Palace, Bloc C, 5ème étage Rue de la Loi 155, B - 1000 BRUXELLES (Cont. on next page	 Tel: +32 2 287 4493 to 4499 Telex: TRANS B 23285 Fax: +32 2 287 4510

BELGIUM (cont'd) ***Goods of Class 1*** Ministère des Affaires économiques Administration des Mines Service des explosifs Bd du Roi Albert II, 16 B - 1000 BRUXELLES ***Material of Class 7*** Ministère de la Santé Publique Administration de l'hygiène publique Service de la Protection contre les radiations ionisantes Ravenstein 36 B - 1000 BRUXELLES	 Tel: +32 2 2064801 Fax: +32 2 2065751 Tel: +32 2 289 21 81 or 83 Fax: +32 2 289 21 82
BOSNIA AND HERZEGOVINA Ministry of Transport of Bosnia and Herzegovina c/o Permanent Mission of the Republic of Bosnia and Herzegovina 22 bis, rue Lamartine CH-1203 GENEVE	 Tel: +41 22 345 88 44 Fax: +41 22 345 88 89
BULGARIA Ministry of Transport and Communications Road Transport Administration 5, Gurko Str. 1000 SOFIA ***Goods of Class 1*** Directorate of National Police 235 Slivnitsa Blvd 1202 SOFIA ***Material of Class 7*** Committee on the Use of Atomic Energy for Peace Purposes 69 Shipchensky Prokhod Blvd. B-1574 SOFIA	 Tel: +359 2 930 88 40 Fax: +359 2 988 54 95 E-mail: btzenev@mtc.govern.bg Tel: +359 2 982 22 31 Fax: +359 2 983 56 77 Tel: +359 2 940 68 52 Fax: +359 2 940 68 89 E-mail: rumi-g@bnsa.bas.bg
CROATIA Minister of Transport Ministarstvo prometa Prisavlje 14, HR-41000 ZAGREB	 Tel: +385 1 616 9111 Fax: +385 1 518 113

CZECH REPUBLIC	
Ministry of Transport and Communications Náb. Ludvíka Svobody 12 PO BOX 9 CZ-110 15 PRAGUE 1 - Nové Mesto	 Tel: +42 2 514 31 111 Fax: +42 2 514 31 183
Material of Class 7	
State Office for Nuclear Safety Senovázné námestí 9 CZ-110 00 PRAGUE 1	 Tel: +42 2 216 24 111 Fax: +42 2 216 24 704
DENMARK	
Road Safety and Transport Agency Adelgade 13 P.O. Box 9039 DK - 1304 COPENHAGEN K	 Tel: +45 33 92 91 00 Fax: +45 33 93 22 92 E-mail: fstyr@ftsyr.dk
Material of Class 7:	
National Institute of Radiation Hygiene Knapholm 7 DK - 2730 Herlev	Tel: +45 44 54 34 54 Fax: +45 44 54 34 50 E-mail: sis@sis.dk
ESTONIA	
Ministry of Transport and Communications Road Traffic Department 9, Viru Str. 15081 TALLINN	 Tel: +372 6 313 687 Fax: +372 6 312 681
Applications for permits should be addressed to:	
Road Administration 24, Pärnu road 15081 TALLINN	 Tel: +372 44 88 42 Fax: +372 6 31 31 12
FINLAND	
Ministry of Transport and Communications Unit for transport of dangerous goods P.O.B. 235 FIN-00131 Helsinki	 Tel: +358 9 1601 Tel: + 358 9 1602563 (S. Miettinen) Fax: + 358 9 160 2597 E.mail: Seija.Miettinen@mintc.fi
Material of Class 7:	
Finnish Centre for Radiation and Nuclear Safety P.O.B. 14 FIN-00881 HELSINKI (Cont. on next page)	 Tel. +358 9 759 881 Fax. +358 9 759 88500

FINLAND (cont'd) ***Type approval of packagings and tanks***: Safety Technology Authority P.O.B. 123 FIN-00181 Helsinki	 Tel: +358 9 616 71 Fax: +358 9 616 7466
FRANCE Ministère des Transports Mission du Transport des matières dangereuses Arche Sud F - 92055 LA DEFENSE CEDEX ***Material of Class 7***: Direction de la sûreté des installations nucléaires (DSIN) 99, rue de Grenelle F - 75353 PARIS 07 SP	 Tel: +33 1 40 81 17 28 Fax: +33 1 40 81 10 65 Email:ariane.roumier@equipement.gouv.fr Tél: +33 1 43 19 32 17 Fax: +33 1 43 19 39 24
GERMANY Federal Ministry of Transport, Building and Housing Division "Transport of Dangerous Goods" (A44) Robert Schuman Platz 1 Postfach 20 01 00 D - 53175 BONN	 Tel: +49 228 300-2750 Fax: +49 228 300-3428 or 3429 E-mail: Helmut.Rein@bmv.bmvbw.de
GREECE Ministry of Transport Xenofontos Str. 13 Syntagma Square GR-10191 ATHENS	 Tel: +30 1 325 12 11 or 19 Fax: +30 1 323 7092 or 324 2570 Telex. 21.63.69 YSYG GR
HUNGARY Ministry of Transport and Water Management Dob u. 75-81 P.O. Box 87 H - 1400 BUDAPEST VII ***Goods of Class 7***: Hungarian Atomic Energy Authority P.O. Box 676 H-1539 Budapest 114	 Tel: +36 1 461 35 64 or 63 Fax: +36 1 3226 891 Email:marianna.csuhay@kovim.gov.hu Lajos.bujdoso@kovim.gov.hu Tel : +36 1 1559 764 Fax: +36 1 1757 402

ITALY Ministero dei Trasporti e della Navigazione Dipartimento Trasporti Terrestri- Unità di Gestione della Motorizzazione e della Sicurezza del Trasporto terrestre - Mr. Enrico luigi Ferraro Direttore dell' "UFFICIO MOT. 1 Via G. Caraci 36 I - 00157 ROME ***Material of Class 7***: Agenzia Nazionale per la Protezione dell'Ambiente (ANPA) Via V. Brancati 48 I - 00144 ROME	 Tel: +39 06 4158 6228 or 6233 Fax: +39 06 4158 3253 E-mail: erario.a@trasportinavigazione.it simoni.a@trasportinavigazione.it Tel: +39 06 5007 2013 Fax: +39 06 5007 2941 E-mail: benassai@anpa.it
LATVIA Ministry of Transport of Latvia Ecological Division 3 Gogola Street LV-1743 RIGA	 Tel: +371 7028 312 Fax: +371 7217 180 E-Mail: mariannah@sam.gov.lv
LIECHTENSTEIN Ministry of Transport and Telecommunications Regierungsgebäude Städtle 49 FL-9490 VADUZ	 Tel : +75 236 60 12 Fax : +75 236 60 28
LITHUANIA Ministry of Transport and Communications of the Republic of Lithuania Mr. Gintautas Slederis Head of the Traffic Safety and Environment Protection Division Gedimino Av. 17, 2679-VILNIUS	 Tel: +370 2 39 38 37 Fax: +370 2 22 43 35 E-mail: gintas@transp.lt
LUXEMBOURG Ministère des Transports du Grand-Duché de Luxembourg M. Marco Feltes, inspecteur BP 590 L - 2938 LUXEMBOURG	 Tel: +352 478 44 23 Fax: +352 24 18 17 Telex: 1465 civair lu
NETHERLANDS Ministry of Transport and Public Works Directorate-General of Transport Dangerous Goods Branch Nieuwe Uitleg 1 P. O. Box 20904 NL - 2500 EX The Hague (Cont. on next page	 Tel: +31 70 351 1580 Fax: +31 70 351 1479 E-mail: wim.bogaert@dgv.minvenw.nl

NETHERLANDS (Cont'd) ***Material of Class 7***: Ministry of Housing, Spatial Planning and the Environment Directorate for Chemicals, External Safety and Radiation Protection 655 External Safety Division Rynstraat 8 P.O. Box 30945 NL-2500 GX THE HAGUE ***Applications for permits or approvals should be addressed to***: Ministry of Social Affairs and Employment Health Directorate P.O. Box 90804 NL-2509 LV The Hague	 Tel: +31 70 3394965 Fax: +31 70 3391297 Tel: +31 70 3336529 Fax: +31 70 3334041
NORWAY Directorate for Fire and Explosion Prevention POB 355 N-3101 TØNSBERG ***Material of Class*** 7: Norwegian Radiation Protection Authority. P.O. Box 55 N - 1345 OSTERAS	 Tel: +47 333 98 800 Fax: +47 333 10 660 E-mail: arne.johansen@dbe.dep.no Tel: +47 6714 4190 Fax: +47 6714 7407
POLAND Ministry of Transport and Maritime Economy Motor Transport Department 4/6, Chalubinskiego Street PL-00-928 WARSAW ***Type approval of packagings and IBCs***: Centre de Recherche et du développement d'emballage (COBRO) 11 rue Konstancinska PL-02-942 WARSAW ***Goods of classes other than Class 7***: Institute of Organic Industry 6 Annopol PL-03-236-WARSAW	 Tel: +48 22 830 01 68 Fax: +48 22 621 02 02 or 22 630 12 45 E-mail:kgrzegorczyk@mtigm.gov.pl Tel: +48 22 842 20 11 Tel: +48 22 811 12 31 Fax: +48 22 811 07 99
PORTUGAL Direcção-Geral de Transportes Terrestres Avenida das Forcas Armadas, 40 P 1649-022 LISBOA	 Tel: +351 21 794 90 00 or 794 90 18 or 794 91 19 Fax: +351 21 797 37 77 E-mail: jafranco@dgtt.pt

REPUBLIC OF MOLDOVA Ministry of Transport Foreign Relations Division 12 A Bucuriey St MD-277 004 CHISINAU	 Tel: +37 32 74 07 05 Fax: +37 32 62 48 75
ROMANIA Ministère des Travaux Publics, des Transports et du Logement Direction générale des transports terrestres Bd. Dinicu Golescu, 38 RO-77113 BUCAREST	 Tel: +40 1 638 50 45 Fax: +40 1 638 45 97
RUSSIAN FEDERATION Ministry of Transport Office of International Relations Sadovaja-Samotechnaja Street. 10 10 14 33 MOSCOW, GSP-4	 Tel: +7 095 200.14.19 Fax: +7 095 299 39 90
SLOVAKIA Ministère des Transports, de la Poste et des Télécommunications Section du Transport routier et urbain Nám. Slobody 6 P.O. Box 100 SK -810 05 BRATISLAVA ***Type approval of packagings and IBCs***: TSU Technical Research Institute Piest'any Krajinská cesta 9, 921 24 PIEST'ANY	 Tel:+421 7 594 94 716 Fax:+ 421 7 524 42 202 E-mail: miroslav.goga@telecom.gov.sk Tel.: (421 838) 57 199 Fax.: (421 838)723 716
SLOVENIA Ministry of the Interior Stefanova 2 SL - 1501 LJUBLJANA	 Tel: +386 1 472 4242 Fax: +386 1 230 2405 E-mail: alojz.habic@mnz.si
SPAIN Dangerous Goods Commission (8 planta) Ministerio de Fomento Paseo de la Castellana, 67 E - 28 071 MADRID	 Tel: +34 91 597.50.21 Fax: +34 91 597.50.27
SWEDEN Swedish Rescue Services Agency Dangerous Goods and Substances Section Karolinen S - 651 80 KARLSTAD (Cont. on next page)	 Tel: +46 54 10 40 00 (switchboard) Fax: +46 54 10 28 89 E-mail: lennart.munbky@kd.srv.se

SWEDEN (Cont'd) ***Material of Class7***: Swedish Radiation Protection Institute S-171 16 STOCKHOLM Swedish Nuclear Power Inspectorate S-106 58 STOCKHOLM ***Technical Body for approval and inspections of tanks***: SAQ Kontroll AB Inspection & Testing Neongatam 4B S-431 53 MÖLNDAL AF-Kontroll AB Box 8133 S-104 20 STOCKHOLM STK Intertest AB Box 38 095 S-171 16 STOCKHOLM	 Tel: +46 8 729 71 00 (switchboard) Fax: +46 8 729 71 08 Tel: +46 8 698 84 00 (switchboard) Fax: +46 8 661 90 86 Tel: +46 31 727 64 00 Fax: +46 31 727 97 85 E-mail: mikael.rehn@saq.se Tel: +46 8 657 13 33 Fax: +46 8 650 77 26 E-mail:bengt.lundberg@kontroll.af.se Tel: +46 21 18 02 70 Fax: +46 21 18 03 11 E-mail: jean.klang@stkintertest.se
SWITZERLAND Office fédéral des routes Sécurité routiere et regles de la circulation M. D.-M. GILABERT CH-3003 BERNE ***Material of Class 7***: Approval of special form. Calculation of unlisted A Values. Approvals and notifications for all type B packages, fissile packages, shipment and special arrangements: Swiss Federal Nuclear Safety Inspectorate Transport and Waste Management Section CH - 5232 Villigen-HSK ***Import, export, transport and transit licences for nuclear materials and nuclear wastes***: Federal Office of Energy Nuclear Energy Section CH - 3003 BERN ***Copy of Application to***: Swiss Federal Nuclear Safety Inspectorate Transport and Waste Management Section CH - 5232 Villigen-HSK (Cont. on next page)	 Tel: +41 31 323 42 90 Fax: +41 31 323 74 55 Tel: +41 56 310 38 11 or 310 39 88 Fax: +41 56 310 39 07 Tel: +41 31 322 56 32 or 322 56 31 Fax: +41 31 322 00 78

SWITZERLAND (Cont'd) ***Licences for the import/export of non nuclear and carriers ' licences for radioactive materials***: Federal Office of Public Health Division of Radiation Protection CH - 3003 BERN ***Advice concerning the sending of radioactive material by post***: Swiss Post Office Paketpost CH - 3030 BERN	 Tel: +41 31 322 96 14 or 322 96 06 Fax: +41 31 322 83 83 Tel: +41 31 338 27 24 Fax: +41 31 338 05 00
THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA Minister of Transport and Communications Ul. Vasil Djorgov br. 35 MK-91000 Skopje	
UKRAINE Ministry of Transport Main Department of Traffic Safety and Labour Protection Schors Str. 7/9 UKR - 252006 KYIV	 Tel: +38 044 269 4033 Fax: +38 044 269 4531
UNITED KINGDOM Department for Transport, Local Government and the Regions Dangerous Goods Branch Great Minster House Zone 2/34 76 Marsham Street Zone 2/34 UK-LONDON SW1P 4DR	 Tel: +44 20 79 44 2762 Fax: +44 20 79 44 2039 E-mail: vincent_matley@dtlr.gsi.gov.uk
YUGOSLAVIA Federal Secretariat for Transport and Communications Bulevar Avnoj-104 11070 BELGRADE	 Tel: +381 11 602-643 Fax: +381 11 196-441
Other useful addresses in countries which are not contracting Parties to ADR	
IRELAND Health and Safety Authority 1st Floor Odeon House Eyre Square Galway IRELAND	 Tel: +353 91 563 985 Fax: +353 91 564 091 E-mail: margaret.fitzgerald@hsa.ie

PART 2

Classification

CHAPTER 2.1

GENERAL PROVISIONS

2.1.1 Introduction

2.1.1.1 The classes of dangerous goods according to ADR are the following:

Class 1	Explosive substances and articles
Class 2	Gases
Class 3	Flammable liquids
Class 4.1	Flammable solids, self-reactive substances and solid desensitized explosives
Class 4.2	Substances liable to spontaneous combustion
Class 4.3	Substances which, in contact with water, emit flammable gases
Class 5.1	Oxidizing substances
Class 5.2	Organic peroxides
Class 6.1	Toxic substances
Class 6.2	Infectious substances
Class 7	Radioactive material
Class 8	Corrosive substances
Class 9	Miscellaneous dangerous substances and articles

2.1.1.2 Each entry in the different classes has been assigned a UN number. The following types of entries are used:

A. Single entries for well defined substances or articles including entries for substances covering several isomers, e.g.:

UN No. 1090	ACETONE
UN No. 1104	AMYL ACETATES
UN No. 1194	ETHYL NITRITE SOLUTION

B. Generic entries for a well defined group of substances or articles, which are not n.o.s. entries, e.g.:

UN No. 1133	ADHESIVES
UN No. 1266	PERFUMERY PRODUCTS
UN No. 2757	CARBAMATE PESTICIDE, SOLID, TOXIC
UN No. 3101	ORGANIC PEROXIDE TYPE B, LIQUID

C. Specific n.o.s. entries covering a group of substances or articles of a particular chemical or technical nature, not otherwise specified, e.g.:

UN No. 1477	NITRATES, INORGANIC, N.O.S.
UN No. 1987	ALCOHOLS, FLAMMABLE, N.O.S.

D. General n.o.s. entries covering a group of substances or articles having one or more dangerous properties, not otherwise specified, e.g.:

UN No. 1325	FLAMMABLE SOLID, ORGANIC, N.O.S.
UN No. 1993	FLAMMABLE LIQUID, N.O.S.

The entries defined under B., C. and D. are defined as collective entries.

2.1.1.3 For packing purposes, certain substances may be assigned to packing groups in accordance with their degree of danger. The packing groups have the following meanings:

Packing group I : Substances presenting high danger;
Packing group II : Substances presenting medium danger;
Packing group III : Substances presenting low danger.

2.1.2 Principles of classification

2.1.2.1 The dangerous goods covered by the heading of a class are defined on the basis of their properties according to sub-section 2.2.x.1 of the relevant class. Assignment of dangerous goods to a class and a packing group is made according to the criteria mentioned in the same sub-section 2.2.x.1. Assignment of one or several subsidiary risk(s) to a dangerous substance or article is made according to the criteria of the class or classes corresponding to those risks, as mentioned in the appropriate sub-section(s) 2.2.x.1.

2.1.2.2 All dangerous goods entries are listed in Table A of Chapter 3.2 in the numerical order of their UN Number. This table contains relevant information on the goods listed, such as name, class, packing group(s), label(s) to be affixed, packing and carriage provisions [*].

2.1.2.3 Dangerous goods which are listed or defined in sub-section 2.2.x.2 of each class are not to be accepted for carriage.

2.1.2.4 Goods not mentioned by name, i.e. goods not listed as single entries in Table A of Chapter 3.2 and not listed or defined in one of the above-mentioned sub-sections 2.2.x.2 shall be assigned to the relevant class in accordance with the procedure of section 2.1.3. In addition, the subsidiary risk (if any) and the packing group (if any) shall be determined. Once the class, subsidiary risk (if any) and packing group (if any) have been established the relevant UN number shall be determined. The decision trees in sub-sections 2.2.x.3 (list of collective entries) at the end of each class indicate the relevant parameters for selecting the relevant collective entry (UN number). In all cases the most specific collective entry covering the properties of the substance or article shall be selected, according to the hierarchy indicated in 2.1.1.2 by the letters B, C and D respectively. If the substance or article cannot be classified under entries of type B or C according to 2.1.1.2, then, and only then shall it be classified under an entry of type D.

2.1.2.5 On the basis of the test procedures of Chapter 2.3 and the criteria set out in sub-sections 2.2.x.1 of classes when it is so specified, it may be determined that a substance, solution or mixture of a certain class, mentioned by name in Table A of Chapter 3.2, does not meet the criteria of that class. In such a case, the substance, solution or mixture is deemed not to belong to that class.

2.1.2.6 For the purposes of classification, substances with a melting point or initial melting point of 20 °C or lower at a pressure of 101.3 kPa shall be considered to be liquids. A viscous substance for which a specific melting point cannot be determined shall be subjected to the ASTM D 4359-90 test or to the test for determining fluidity (penetrometer test) prescribed in 2.3.4.

[*] *An alphabetic list of these entries has been prepared by the secretariat and is reproduced in Table B of Chapter 3.2. This table is not an official part of the ADR.*

2.1.3 Classification of substances, including solutions and mixtures (such as preparations and wastes), not mentioned by name

2.1.3.1 Substances including solutions and mixtures not mentioned by name shall be classified according to their degree of danger on the basis of the criteria mentioned in sub-section 2.2.x.1 of the various classes. The danger(s) presented by a substance shall be determined on the basis of its physical and chemical characteristics and physiological properties. Such characteristics and properties shall also be taken into account when such experience leads to a more stringent assignment.

2.1.3.2 A substance not mentioned by name in Table A of Chapter 3.2 presenting a single hazard shall be classified in the relevant class under a collective entry listed in sub-section 2.2.x.3 of that class.

2.1.3.3 A solution or mixture containing only one dangerous substance mentioned by name in Table A of Chapter 3.2, together with one or more non-dangerous substance(s), shall be regarded as the dangerous substance listed by name, unless:

(a) The solution or mixture is specifically mentioned by name in Table A of Chapter 3.2; or

(b) It is quite clear from the entry for the dangerous substance that it is applicable only to the pure or technically pure substance; or

(c) The class, physical state or packing group of the solution or mixture is different from that of the dangerous substance.

In the cases referred to under (b) or (c) above, the solution or mixture shall be classified as a substance not mentioned by name in the relevant class under a collective entry listed in sub-section 2.2.x.3 of that class taking account of the subsidiary risks presented by that solution or mixture, if any, unless the solution or mixture do not meet the criteria of any class, in which case they are not subject to ADR.

2.1.3.4 Solutions and mixtures containing one of the following substances mentioned by name shall always be classified under the same entry as the substance they contain, provided they do not have the hazard characteristics as indicated in 2.1.3.5:

- <u>Class 3</u>

  UN No. 1921 PROPYLENEIMINE, STABILIZED; UN No. 2481 ETHYL ISOCYANATE; UN No. 3064 NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 5% nitroglycerin;

- <u>Class 6.1</u>

  UN No. 1051 HYDROGEN CYANIDE, STABILIZED, containing less than 3% water; UN No. 1185 ETHYLENEIMINE, STABILIZED; UN No. 1259 NICKEL CARBONYL; UN No. 1613 HYDROGEN CYANIDE, AQUEOUS SOLUTION (hydrocyanic acid), with not more than 20% hydrogen cyanide; UN No. 1614 HYDROGEN CYANIDE, STABILIZED, containing not more than 3% water and absorbed in a porous inert material; UN No. 1994 IRON PENTACARBONYL; UN No. 2480 METHYL ISOCYANATE; UN No. 3294 HYDROGEN CYANIDE, SOLUTION IN ALCOHOL, with not more than 45% hydrogen cyanide;

- Class 8

  UN No. 1052 HYDROGEN FLUORIDE, ANHYDROUS; UN No. 1744 BROMINE or UN No. 1744 BROMINE SOLUTION; UN No. 1790 HYDROFLUORIC ACID with more than 85% hydrogen fluoride; UN No. 2576 PHOSPHORUS OXYBROMIDE, MOLTEN;

- Class 9

  UN No. 2315 POLYCHLORINATED BIPHENYLS; UN No. 3151 POLYHALOGENATED BIPHENYLS, LIQUID or UN No. 3151 POLYHALOGENATED TERPHENYLS, LIQUID; UN No. 3152 POLYHALOGENATED BIPHENYLS, SOLID or UN No. 3152 POLYHALOGENATED TERPHENYLS, SOLID, unless they contain one of the substances of Class 3 or Class 6.1 or Class 8 listed above; in which case they shall be classified accordingly.

2.1.3.5 Substances not mentioned by name in Table A of Chapter 3.2, having more than one hazard characteristic and solutions or mixtures containing several dangerous substances shall be classified under a collective entry (see 2.1.2.4) and packing group of the appropriate class in accordance with their hazard characteristics. Such classification according to the hazard characteristics shall be carried out as follows:

2.1.3.5.1 The physical and chemical characteristics and physiological properties shall be determined by measurement or calculation and the substance, solution or mixture shall be classified according to the criteria mentioned in sub-section 2.2.x.1 of the various classes.

2.1.3.5.2 If this determination is not possible without disproportionate cost or effort (as for some kinds of wastes), the substance, solution or mixture shall be classified in the class of the component presenting the major hazard.

2.1.3.5.3 If the hazard characteristics of the substance, solution or mixture fall within more than one class or group of substances listed below then the substance, solution or mixture shall be classified in the class or group of substances corresponding to the major hazard on the basis of the following order of precedence:

(a) Material of Class 7 (apart from radioactive material in excepted packages where the other hazardous properties take precedence);

(b) Substances of Class 1;

(c) Substances of Class 2;

(d) Liquid desensitized explosives of Class 3;

(e) Self-reactive substances and solid desensitized explosives of Class 4.1;

(f) Pyrophoric substances of Class 4.2;

(g) Substances of Class 5.2;

(h) Substances of Class 6.1 or Class 3 which, on the basis of their inhalation toxicity, are to be classified under Packing group I [Substances meeting the classification criteria of Class 8 and having an inhalation toxicity of dust and mist (LC_{50}) in the range of Packing group I and a toxicity through oral ingestion or dermal contact only in the range of Packing group III or less, shall be allocated to Class 8];

(i) Infectious substances of Class 6.2.

2.1.3.5.4 If the hazard characteristics of the substance fall within more than one class or group of substances not listed in 2.1.3.5.3 above, the substance shall be classified in accordance with the same procedure but the relevant class shall be selected according to the precedence of hazards table in 2.1.3.9.

2.1.3.6 The most specific applicable collective entry (see 2.1.2.4) shall always be used, i.e. a general n.o.s. entry shall only be used if a generic entry or a specific n.o.s. entry cannot be used.

2.1.3.7 Solutions and mixtures of oxidizing substances or substances with an oxidizing subsidiary risk may have explosive properties. In such a case they are not to be accepted for carriage unless they meet the requirements for Class 1.

2.1.3.8 For the purposes of ADR, substances, solutions and mixtures (such as preparations and wastes) which cannot be assigned to Classes 1 to 8 or Class 9 entries other than UN Nos. 3077 and 3082, but which may be assigned to UN Nos. 3077 or 3082 on the basis of the test methods and criteria of section 2.3.5 shall be considered to be pollutant to the aquatic environment. Solutions and mixtures (such as preparations and wastes) for which no data conforming to the classification criteria are available shall be considered to be pollutant to the aquatic environment if the LC_{50} (see definition in 2.3.4.7) evaluated according to the following formula:

$$LC_{50} = \frac{LC_{50} \text{ of the pollutant} \times 100}{\text{percentage of the pollutant (by mass)}}$$

is equal to or lower than:

(a) 1 mg/l; or

(b) 10 mg/l if the pollutant is not readily biodegradable or, being biodegradable, has a log $P_{ow} > 3.0$ (see also 2.3.5.6).

2.1.3.9 *Table of precedence of hazards*

Class and packing group	4.1, II	4.1, III	4.2, II	4.2, III	4.3, I	4.3, II	4.3, III	5.1, I	5.1, II	5.1, III	6.1, I DERMAL	6.1, I ORAL	6.1, II	6.1, III	8, I	8, II	8, III	9
3, I	SOL LIQ 4.1 3, I	SOL LIQ 4.1 3, I	SOL LIQ 4.2 3, I	SOL LIQ 4.2 3, I	4.3, I	4.3, I	4.3, I	SOL LIQ 5.1, I 3, I	SOL LIQ 5.1, I 3, I	SOL LIQ 5.1, I 3, I	3, I	3, I	3, I	3, I	3, I	3, I	3, I	3, I
3, II	SOL LIQ 4.1 3, II	SOL LIQ 4.1 3, II	SOL LIQ 4.2 3, II	SOL LIQ 4.2 3, II	4.3, I	4.3, II	4.3, II	SOL LIQ 5.1, I 3, I	SOL LIQ 5.1, II 3, II	SOL LIQ 5.1, II 3, II	3, I	3, I	3, II	3, II	8, I	3, II	3, II	3, II
3, III	SOL LIQ 4.1 3, II	SOL LIQ 4.1 3, III	SOL LIQ 4.2 3, II	SOL LIQ 4.2 3, III	4.3, I	4.3, II	4.3, III	SOL LIQ 5.1, I 3, I	SOL LIQ 5.1, II 3, II	SOL LIQ 5.1, III 3, III	6.1, I	6.1, I	6.1, II	3, III */	8, I	8, II	3, III	3, III
4.1, II			4.2, II	4.2, II	4.3, I	4.3, II	4.3, II	5.1, I	4.1, II	4.1, II	6.1, I	6.1, I	SOL LIQ 4.1, II 6.1, II	SOL LIQ 4.1, II 6.1, II	8, I	SOL LIQ 4.1, II 8, II	SOL LIQ 4.1, II 8, II	4.1, II
4.1, III			4.2, II	4.2, III	4.3, I	4.3, II	4.3, III	5.1, I	4.1, II	4.1, III	6.1, I	6.1, I	6.1, II	SOL LIQ 4.1, III 6.1, III	8, I	8, II	SOL LIQ 4.1, III 8, III	4.1, III
4.2, II					4.3, I	4.3, II	4.3, II	5.1, I	4.2, II	4.2, II	6.1, I	6.1, I	4.2, II	4.2, II	8, I	4.2, II	4.2, II	4.2, II
4.2, III					4.3, I	4.3, II	4.3, III	5.1, I	5.1, II	4.2, III	6.1, I	6.1, I	6.1, II	4.2, III	8, I	8, II	4.2, III	4.2, III
4.3, I								5.1, I	4.3, I	4.3, I	6.1, I	4.3, I	4.3, I	4.3, I	4.3, I	4.3, I	4.3, I	4.3, I
4.3, II								5.1, I	4.3, II	4.3, II	6.1, I	4.3, I	4.3, II	4.3, II	8, I	4.3, II	4.3, II	4.3, II
4.3, III								5.1, I	5.1, II	4.3, III	6.1, I	6.1, I	6.1, II	4.3, III	8, I	8, II	4.3, III	4.3, III
5.1, I											5.1, I	5.1, I	5.1, I	5.1, I	5.1, I	5.1, I	5.1, I	5.1, I
5.1, II											6.1, I	5.1, I	5.1, II	5.1, II	8, I	5.1, II	5.1, II	5.1, II
5.1, III											6.1, I	6.1, I	6.1, II	5.1, III	8, I	8, II	5.1, III	5.1, III
6.1, I DERMAL															SOL LIQ 6.1, I 8, I	6.1, I	6.1, I	6.1, I
6.1, I ORAL															SOL LIQ 6.1, I 8, I	6.1, I	6.1, I	6.1, I
6.1, II INHAL															SOL LIQ 6.1, I 8, I	6.1, II	6.1, II	6.1, II
6.1, II DERMAL															SOL LIQ 6.1, I 8, I	SOL LIQ 6.1, II 8, II	6.1, II	6.1, II
6.1, II ORAL															8.1	SOL LIQ 6.1, II 8, II	6.1, II	6.1, II
6.1, III															8, I	8, II	8, III	6.1, III
8, I																		8, I
8, II																		8, II
8, III																		8, III

SOL = Solid substances and mixtures
LIQ = Liquid substances, mixtures and solutions
DERMAL = Dermal toxicity
ORAL = Oral toxicity
INHAL= Inhalation toxicity
*/ *Class 6.1 for pesticides*

NOTE 1: Examples to explain the use of the table

Classification of a single substance

Description of the substance to be classified:

An amine not mentioned by name meeting the criteria for Class 3, packing group II as well as those for Class 8, packing group I.

Procedure:

The intersection of line 3 II with column 8 I gives 8 I.
This amine has therefore to be classified in Class 8 under:

UN No. 2734 AMINES LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or UN No. 2734 POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.
packing group I

Classification of a mixture

Description of the mixture to be classified:

Mixture consisting of a flammable liquid classified in Class 3, packing group III, a toxic substance in Class 6.1, packing group II and a corrosive substance in Class 8, packing group I.

Procedure

The intersection of line 3 III with column 6.1 II gives 6.1 II.
The intersection of line 6.1 II with column 8 I LIQ gives 8 I.
This mixture not further defined has therefore to be classified in Class 8 under:

UN No. 2922 CORROSIVE LIQUID, TOXIC, N.O.S.
packing group I.

NOTE 2: Examples for the classification of mixtures and solutions under a class and a packing group:

A phenol solution of Class 6.1, (II), in benzene of Class 3, (II) is to be classified in Class 3, (II); this solution is to be classified under UN No. 1992 FLAMMABLE LIQUID, TOXIC, N.O.S., Class 3, (II), by virtue of the toxicity of the phenol.

A solid mixture of sodium arsenate of Class 6.1, (II) and sodium hydroxide of Class 8, (II) is to be classified under UN No. 3290 TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S., in Class 6.1 (II).

A solution of crude or refined naphthalene of Class 4.1, (III) in petrol of Class 3, (II), is to be classified under UN No. 3295 HYDROCARBONS, LIQUID, N.O.S. in Class 3, (II).

A mixture of hydrocarbons of Class 3, (III), and of polychlorinated biphenyls (PCB) of Class 9, (II), is to be classified under UN No. 2315 POLYCHLORINATED BIPHENYLS in Class 9, (II).

A mixture of propyleneimine of Class 3, and polychlorinated biphenyls (PCB) of Class 9, (II), is to be classified under UN No. 1921 PROPYLENEIMINE, INHIBITED in Class 3.

2.1.4 Classification of samples

2.1.4.1 When the class of a substance is uncertain and it is being carried for further testing, a tentative class, proper shipping name and UN number shall be assigned on the basis of the consignor's knowledge of the substance and application of:

(a) the classification criteria of Chapter 2.2; and

(b) the requirements of this Chapter.

The most severe packing group possible for the proper shipping name chosen shall be used.

Where this provision is used the proper shipping name shall be supplemented with the word "sample" (e.g., "FLAMMABLE LIQUID, N.O.S. Sample"). In certain instances, where a specific proper shipping name is provided for a sample of a substance considered to meet certain classification criteria (e.g., GAS SAMPLE, NON-PRESSURIZED, FLAMMABLE, UN No. 3167) that proper shipping name shall be used. When an N.O.S. entry is used to carry the sample, the proper shipping name need not be supplemented with the technical name as required by special provision 274 of Chapter 3.3.

2.1.4.2 Samples of the substance shall be carried in accordance with the requirements applicable to the tentative assigned proper shipping name provided:

(a) The substance is not considered to be a substance not accepted for carriage by sub-sections 2.2.x.3 of Chapter 2.2 or by Chapter 3.2;

(b) The substance is not considered to meet the criteria for Class 1 or considered to be an infectious substance or a radioactive material;

(c) The substance is in compliance with 2.2.41.1.15 or 2.2.52.1.9 if it is a self-reactive substance or an organic peroxide, respectively;

(d) The sample is carried in a combination packaging with a net mass per package not exceeding 2.5 kg; and

(e) The sample is not packed together with other goods.

CHAPTER 2.2

CLASS SPECIFIC PROVISIONS

2.2.1 Class 1 Explosive substances and articles

2.2.1.1 *Criteria*

2.2.1.1.1 The heading of Class 1 covers:

(a) Explosive substances: solid or liquid substances (or mixtures of substances) capable by chemical reaction of producing gases at such a temperature and pressure and at such a speed as to cause damage to the surroundings.

Pyrotechnic substances: substances or mixtures of substances designed to produce an effect by heat, light, sound, gas or smoke or a combination of these as the result of non-detonating self-sustaining exothermic chemical reactions.

***NOTE 1**: Substances which are not themselves explosive but which may form an explosive mixture of gas, vapour or dust are not substances of Class 1.*

***NOTE 2**: Also excluded from Class 1 are: water- or alcohol-wetted explosives of which the water or alcohol content exceeds the limits specified and those containing plasticizers - these explosives are assigned to Class 3 or Class 4.1 - and those explosives which, on the basis of their predominant hazard, are assigned to Class 5.2.*

(b) Explosive articles: articles containing one or more explosive or pyrotechnic substances.

***NOTE**: Devices containing explosive or pyrotechnic substances in such small quantity or of such a character that their inadvertent or accidental ignition or initiation during carriage would not cause any manifestation external to the device by projection, fire, smoke, heat or loud noise are not subject to the requirements of Class 1.*

(c) Substances and articles not mentioned above which are manufactured with a view to producing a practical effect by explosion or a pyrotechnic effect.

2.2.1.1.2 Any substance or article having or suspected of having explosive properties shall be considered for assignment to Class 1 in accordance with the tests, procedures and criteria prescribed in Part I, Manual of Tests and Criteria.

A substance or article assigned to Class 1 can only be accepted for carriage when it has been assigned to a name or n.o.s. entry listed in Table A of Chapter 3.2 and meets the criteria of the Manual of Tests and Criteria.

2.2.1.1.3 The substances and articles of Class 1 shall be assigned to a UN Number and a name or n.o.s. entry listed in Table A of Chapter 3.2. Interpretation of the names of substances and articles in Table A of Chapter 3.2 shall be based upon the glossary in 2.2.1.1.7.

Samples of new or existing explosive substances or articles carried for purposes including: testing, classification, research and development quality control, or as a commercial sample, other than initiating explosive, may be assigned to UN No. 0190 SAMPLES, EXPLOSIVE. The assignment of explosive substances and articles not mentioned by name as such in Table A of Chapter 3.2 to an n.o.s entry of Class 1 or UN No. 0190 SAMPLES, EXPLOSIVE as well as the assignment of certain substances the carriage of which is subject to a specific authorization by the competent authority according to the special provisions referred to in

Column (6) of Table A of Chapter 3.2 shall be made by the competent authority of the country of origin. This competent authority shall also approve in writing the conditions of carriage of these substances and articles. If the country of origin is not a Contracting Party to ADR, the classification and the conditions of carriage shall be recognized by the competent authority of the first country Contracting Party to ADR reached by the consignment.

2.2.1.1.4 Substances and articles of Class 1 shall have been assigned to a division in accordance with 2.2.1.1.5 and to a compatibility group in accordance with 2.2.1.1.6. The division shall be based on the results of the tests described in section 2.3.1 applying the definitions in 2.2.1.1.5. The compatibility group shall be determined in accordance with the definitions in 2.2.1.1.6. The classification code shall consist of the division number and the compatibility group letter.

2.2.1.1.5 *Definition of divisions*

Division 1.1 Substances and articles which have a mass explosion hazard (a mass explosion is an explosion which affects almost the entire load virtually instantaneously).

Division 1.2 Substances and articles which have a projection hazard but not a mass explosion hazard.

Division 1.3 Substances and articles which have a fire hazard and either a minor blast hazard or a minor projection hazard or both, but not a mass explosion hazard:

(a) combustion of which gives rise to considerable radiant heat; or

(b) which burn one after another, producing minor blast or projection effects or both.

Division 1.4 Substances and articles which present only a slight risk of explosion in the event of ignition or initiation during carriage. The effects are largely confined to the package and no projection of fragments of appreciable size or range is to be expected. An external fire shall not cause virtually instantaneous explosion of almost the entire contents of the package.

Division 1.5 Very insensitive substances having a mass explosion hazard which are so insensitive that there is very little probability of initiation or of transition from burning to detonation under normal conditions of carriage. As a minimum requirement they must not explode in the external fire test.

Division 1.6 Extremely insensitive articles which do not have a mass explosion hazard. The articles contain only extremely insensitive detonating substances and demonstrate a negligible probability of accidental initiation or propagation.

***NOTE**: The risk from articles of Division 1.6 is limited to the explosion of a single article.*

2.2.1.1.6 *Definition of compatibility groups of substances and articles*

A Primary explosive substance.

B Article containing a primary explosive substance and not having two or more effective protective features. Some articles, such as detonators for blasting, detonator

assemblies for blasting and primers, cap-type, are included, even though they do not contain primary explosives.

C Propellant explosive substance or other deflagrating explosive substance or article containing such explosive substance.

D Secondary detonating explosive substance or black powder or article containing a secondary detonating explosive substance, in each case without means of initiation and without a propelling charge, or article containing a primary explosive substance and having two or more effective protective features.

E Article containing a secondary detonating explosive substance, without means of initiation, with a propelling charge (other than one containing a flammable liquid or gel or hypergolic liquids).

F Article containing a secondary detonating explosive substance with its own means of initiation, with a propelling charge (other than one containing a flammable liquid or gel or hypergolic liquids) or without a propelling charge.

G Pyrotechnic substance, or article containing a pyrotechnic substance, or article containing both an explosive substance and an illuminating, incendiary, tear- or smoke-producing substance (other than a water-activated article or one which contains white phosphorus, phosphides, a pyrophoric substance, a flammable liquid or gel or hypergolic liquids).

H Article containing both an explosive substance and white phosphorus.

J Article containing both an explosive substance and a flammable liquid or gel.

K Article containing both an explosive substance and a toxic chemical agent.

L Explosive substance or article containing an explosive substance and presenting a special risk (e.g. due to water activation or the presence of hypergolic liquids, phosphides or a pyrophoric substance) necessitating isolation of each type.

N Articles containing only extremely insensitive detonating substances.

S Substance or article so packed or designed that any hazardous effects arising from accidental functioning are confined within the package unless the package has been degraded by fire, in which case all blast or projection effects are limited to the extent that they do not significantly hinder or prevent fire-fighting or other emergency response efforts in the immediate vicinity of the package.

***NOTE 1**: Each substance or article, packed in a specified packaging, may be assigned to one compatibility group only. Since the criterion of compatibility group S is empirical, assignment to this group is necessarily linked to the tests for assignment of a classification code.*

***NOTE 2**: Articles of compatibility groups D and E may be fitted or packed together with their own means of initiation provided that such means have at least two effective protective features designed to prevent an explosion in the event of accidental functioning of the means of initiation. Such packages shall be assigned to compatibility groups D or E.*

***NOTE 3**: Articles of compatibility groups D and E may be packed together with their own means of initiation, which do not have two effective protective features (i.e. means of initiation assigned to compatibility group B), provided that they comply with mixed packing*

provision MP 21 of Section 4.1.10. Such packages shall be assigned to compatibility groups D or E.

***NOTE 4**: Articles may be fitted or packed together with their own means of ignition provided that the means of ignition cannot function during normal conditions of carriage.*

***NOTE 5**: Articles of compatibility groups C, D and E may be packed together. Such packages shall be assigned to compatibility group E.*

2.2.1.1.7 *Glossary of names*

***NOTE 1:** The descriptions in the glossary are not intended to replace the test procedures, nor to determine the hazard classification of a substance or article of Class 1. Assignment to the correct division and a decision on whether Compatibility Group S is appropriate shall be based on testing of the product in accordance with the Manual of Tests and Criteria, Part I or by analogy with similar products which have already been tested and assigned in accordance with the procedures of the Manual of Tests and Criteria.*

***NOTE 2**: The figures given after the names refer to the relevant UN numbers (Column 2 of Table A of Chapter 3.2). For the classification code, see 2.2.1.1.4.*

AIR BAG INFLATORS, PYROTECHNIC or AIR BAG MODULES, PYROTECHNIC or SEAT-BELT PRETENSIONERS, PYROTECHNIC: UN No. 0503

Articles which contain pyrotechnic substances and are used as life-saving vehicle airbags or seat-belts.

AMMUNITION, ILLUMINATING, with or without burster, expelling charge or propelling charge: UN Nos. 0171, 0254, 0297

Ammunition designed to produce a single source of intense light for lighting up an area. The term includes illuminating cartridges, grenades and projectiles; and illuminating and target identification bombs.

***NOTE**: The following articles: CARTRIDGES, SIGNAL; SIGNAL DEVICES HAND; SIGNALS, DISTRESS; FLARES, AERIAL; FLARES, SURFACE are not included in this definition. They are listed separately.*

AMMUNITION, INCENDIARY, liquid or gel, with burster, expelling charge or propelling charge: UN No. 0247

Ammunition containing liquid or gelatinous incendiary substance. Except when the incendiary substance is an explosive per se, it also contains one or more of the following: a propelling charge with primer and igniter charge; a fuze with burster or expelling charge.

AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge: UN Nos. 0243, 0244

Ammunition containing white phosphorus as incendiary substance. It also contains one or more of the following: a propelling charge with primer and igniter charge; a fuze with burster or expelling charge.

AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge: UN Nos. 0009, 0010, 0300

Ammunition containing incendiary composition. Except when the composition is an explosive per se, it also contains one or more of the following: a propelling charge with primer and igniter charge; a fuze with burster or expelling charge.

AMMUNITION, PRACTICE: UN Nos. 0362, 0488

Ammunition without a main bursting charge, containing a burster or expelling charge. Normally it also contains a fuze and a propelling charge.

***NOTE**: GRENADES, PRACTICE are not included in this definition. They are listed separately.*

AMMUNITION, PROOF: UN No. 0363

Ammunition containing pyrotechnic substances, used to test the performance or strength of new ammunition, weapon components or assemblies.

AMMUNITION, SMOKE, WHITE PHOSPHORUS, with burster, expelling charge or propelling charge: UN Nos. 0245, 0246

Ammunition containing white phosphorus as a smoke-producing substance. It also contains one or more of the following: a propelling charge with primer and igniter charge; a fuze with burster or expelling charge. The term includes grenades, smoke.

AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge: UN Nos. 0015, 0016, 0303

Ammunition containing a smoke-producing substance such as chlorosulphonic acid mixture or titanium tetrachloride; or a smoke-producing pyrotechnic composition based on hexachloroethane or red phosphorus. Except when the substance is an explosive per se, the ammunition also contains one or more of the following: a propelling charge with primer and igniter charge; a fuze with burster or expelling charge. The term includes grenades, smoke.

***NOTE:** SIGNALS, SMOKE are not included in this definition. They are listed separately.*

AMMUNITION, TEAR-PRODUCING, with burster, expelling charge or propelling charge: UN Nos. 0018, 0019, 0301

Ammunition containing a tear-producing substance. It also contains one or more of the following: a pyrotechnic substance; a propelling charge with primer and igniter charge; a fuze with burster or expelling charge.

ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE (ARTICLES EEI): UN No. 0486

Articles containing only extremely insensitive detonating substances (EIDS) which demonstrate a negligible probability of accidental initiation or propagation under normal conditions of transport, and which have passed Test Series 7.

ARTICLES, PYROPHORIC: UN No. 0380

Articles which contain a pyrophoric substance (capable of spontaneous ignition when exposed to air) and an explosive substance or component. The term excludes articles containing white phosphorus.

ARTICLES, PYROTECHNIC, for technical purposes: UN Nos. 0428, 0429, 0430, 0431, 0432

Articles which contain pyrotechnic substances and are used for technical purposes such as heat generation, gas generation, theatrical effects, etc.

***NOTE**: The following articles: all ammunition; CARTRIDGES, SIGNAL; CUTTERS, CABLE, EXPLOSIVE; FIREWORKS; FLARES, AERIAL; FLARES, SURFACE; RELEASE DEVICES, EXPLOSIVE; RIVETS, EXPLOSIVE; SIGNAL DEVICES, HAND; SIGNALS, DISTRESS; SIGNALS, RAILWAY TRACK, EXPLOSIVES; SIGNALS, SMOKE are not included in this definition. They are listed separately.*

BLACK POWDER (GUNPOWDER), COMPRESSED or BLACK POWDER (GUNPOWDER), IN PELLETS: UN No. 0028

Substance consisting of a pelletized form of black powder.

BLACK POWDER (GUNPOWDER), granular or as meal: UN No. 0027

Substance consisting of an intimate mixture of charcoal or other carbon and either potassium nitrate or sodium nitrate, with or without sulphur.

BOMBS, WITH FLAMMABLE LIQUID, with bursting charge: UN Nos. 0399, 0400

Articles which are dropped from aircraft, consisting of a tank filled with inflammable liquid and bursting charge.

BOMBS, PHOTO-FLASH: UN No. 0038

Explosive articles which are dropped from aircraft to provide brief, intense illumination for photography. They contain a charge of detonating explosive without means of initiation or with means of initiation containing two or more effective protective features.

BOMBS, PHOTO-FLASH: UN No. 0037

Explosive articles which are dropped from aircraft to provide brief, intense illumination for photography. They contain a charge of detonating explosive with means of initiation not containing two or more effective protective features.

BOMBS, PHOTO-FLASH: UN Nos. 0039, 0299

Explosive articles which are dropped from aircraft to provide brief, intense illumination for photography. They contain a photo-flash composition.

BOMBS with bursting charge: UN Nos. 0034; 0035

Explosive articles which are dropped from aircraft, without means of initiation or with means of initiation containing two or more effective protective features.

BOMBS with bursting charge: UN Nos. 0033, 0291

Explosive articles which are dropped from aircraft, with means of initiation not containing two or more effective protective features.

BOOSTERS WITH DETONATOR: UN Nos. 0225, 0268

Articles consisting of a charge of detonating explosive with means of initiation. They are used to increase the initiating power of detonators or detonating cord.

BOOSTERS without detonator: UN Nos. 0042, 0283

Articles consisting of a charge of detonating explosive without means of initiation. They are used to increase the initiating power of detonators or detonating cord.

BURSTERS, explosive: UN No. 0043

Articles consisting of a small charge of explosive used to open projectiles or other ammunition in order to disperse their contents.

CARTRIDGES, FLASH: UN Nos. 0049, 0050

Articles consisting of a casing, a primer and flash powder, all assembled in one piece ready for firing.

CARTRIDGES FOR WEAPONS, BLANK: UN Nos. 0326, 0413, 0327, 0338, 0014

Ammunition consisting of a closed cartridge case with a centre or rim fire primer and a charge of smokeless or black powder but no projectile. It produces a loud noise and is used for training, saluting, propelling charge, starter pistols, etc. The term includes ammunition, blank.

CARTRIDGES FOR WEAPONS, INERT PROJECTILE: UN Nos. 0328, 0417, 0339, 0012

Ammunition consisting of a projectile without bursting charge but with a propelling charge with or without a primer. The articles may include a tracer, provided that the predominant hazard is that of the propelling charge.

CARTRIDGES FOR WEAPONS with bursting charge: UN Nos. 0006, 0321, 0412

Ammunition consisting of a projectile with a bursting charge without means of initiation or with means of initiation containing two or more effective protective features; and a propelling charge with or without a primer. The term includes fixed (assembled) ammunition, semi-fixed (partially assembled) ammunition and separate loading ammunition when the components are packed together.

CARTRIDGES FOR WEAPONS with bursting charge: UN Nos. 0005, 0007, 0348

Ammunition consisting of a projectile with a bursting charge with means of initiation not containing two or more effective protective features; and a propelling charge with or without a primer. The term includes fixed (assembled) ammunition, semi-fixed (partially assembled) ammunition and separate loading ammunition when the components are packed together.

CARTRIDGES, OIL WELL: UN Nos. 0277, 0278

Articles consisting of a thin casing of fibreboard, metal or other material containing only propellant powder which projects a hardened projectile to perforate an oil well casing.

***NOTE**: CHARGES, SHAPED are not included in this definition. They are listed separately.*

CARTRIDGES, POWER DEVICE: UN Nos. 0275, 0276, 0323, 0381

Articles designed to accomplish mechanical actions. They consist of a casing with a charge of deflagrating explosive and a means of ignition. The gaseous products of the deflagration

produce inflation, linear or rotary motion or activate diaphragms, valves or switches or project fastening devices or extinguishing agents.

CARTRIDGES, SIGNAL: UN Nos. 0054, 0312, 0405

Articles designed to fire coloured flares or other signals from signal pistols, etc.

CARTRIDGES, SMALL ARMS: UN Nos. 0417, 0339, 0012

Ammunition consisting of a cartridge case fitted with a centre or rim fire primer and containing both a propelling charge and solid projectile. They are designed to be fired in weapons of calibre not larger than 19.1 mm. Shot-gun cartridges of any calibre are included in this description.

***NOTE**: CARTRIDGES, SMALL ARMS, BLANK, are not included in this definition. They are listed separately. Some military small arms cartridges are not included in this definition. They are listed under CARTRIDGES FOR WEAPONS, INERT PROJECTILE.*

CARTRIDGES, SMALL ARMS, BLANK: UN Nos. 0014, 0327, 0338

Ammunition consisting of a closed cartridge case with a centre or rim fire primer and a charge of smokeless or black powder. The cartridge cases contain no projectiles. The cartridges are designed to be fired from weapons with a calibre of at most 19.1 mm and serve to produce a loud noise and are used for training, saluting, propelling charge, starter pistols, etc.

CASES, CARTRIDGE, EMPTY, WITH PRIMER: UN Nos. 0379; 0055

Articles consisting of a cartridge case made from metal, plastics or other non-inflammable material, in which the only explosive component is the primer.

CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER: UN Nos. 0447, 0446

Articles consisting of a cartridge case made partly or entirely from nitrocellulose.

CHARGES, BURSTING, PLASTICS BONDED: UN Nos. 0457, 0458, 0459, 0460

Articles consisting of a charge of detonating explosive, plastics bonded, manufactured in a specific form without a casing and without means of initiation. They are designed as components of ammunition such as warheads.

CHARGES, DEMOLITION: UN No. 0048

Articles containing a charge of a detonating explosive in a casing of fibreboard, plastics, metal or other material. The articles are without means of initiation or with means of initiation containing two or more effective protective features.

***NOTE**: The following articles: BOMBS; MINES; PROJECTILES are not included in this definition. They are listed separately.*

CHARGES, DEPTH: UN No. 0056

Articles consisting of a charge of detonating explosive contained in a drum or projectile without means of initiation or with means of initiation containing two or more effective protective features. They are designed to detonate under water.

CHARGES, EXPLOSIVE, COMMERCIAL without detonator: UN Nos. 0442, 0443, 0444, 0445

Articles consisting of a charge of detonating explosive without means of initiation, used for explosive welding, jointing, forming and other metallurgical processes.

CHARGES, PROPELLING, FOR CANNON: UN Nos. 0242, 0279, 0414

Charges of propellant in any physical form for separate-loading ammunition for cannon.

CHARGES, PROPELLING: UN Nos. 0271, 0272, 0415, 0491

Articles consisting of a charge of a propellant charge in any physical form, with or without a casing, as a component of rocket motors or for reducing the drag of projectiles.

CHARGES, SHAPED, without detonator: UN Nos. 0059, 0439, 0440, UN 0441

Articles consisting of a casing containing a charge of detonating explosive with a cavity lined with rigid material, without means of initiation. They are designed to produce a powerful, penetrating jet effect.

CHARGES, SHAPED, FLEXIBLE, LINEAR: UN Nos. 0237, 0288

Articles consisting of a V-shaped core of a detonating explosive clad by a flexible sheath.

CHARGES, SUPPLEMENTARY, EXPLOSIVE: UN No. 0060

Articles consisting of a small removable booster placed in the cavity of a projectile between the fuze and the bursting charge.

COMPONENTS, EXPLOSIVE TRAIN, N.O.S.: UN Nos. 0382, 0383, 0384, 0461

Articles containing an explosive designed to transmit detonation or deflagration within an explosive train.

CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge: UN Nos. 0248, 0249

Articles whose functioning depends upon physico-chemical reaction of their contents with water.

CORD, DETONATING, flexible: UN Nos. 0065, 0289

Article consisting of a core of detonating explosive enclosed in spun fabric and a plastics or other covering. The covering is not necessary if the spun fabric is sift-proof.

CORD (FUSE) DETONATING, metal clad: UN Nos. 0102, 0290

Article consisting of a core of detonating explosive clad by a soft metal tube with or without protective covering.

CORD (FUSE) DETONATING, MILD EFFECT, metal clad: UN No. 0104

Article consisting of a core of detonating explosive clad by a soft metal tube with or without a protective covering. The quantity of explosive substance is so small that only a mild effect is manifested outside the cord.

CORD, IGNITER: UN No. 0066

Article consisting of textile yarns covered with black powder or another fast burning pyrotechnic composition and of a flexible protective covering; or it consists of a core of black powder surrounded by a flexible woven fabric. It burns progressively along its length with an external flame and is used to transmit ignition from a device to a charge or primer.

CUTTERS, CABLE, EXPLOSIVE: UN No. 0070

Articles consisting of a knife-edged device which is driven by a small charge of deflagrating explosive into an anvil.

DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting: UN Nos. 0360, 0361, 0500

Non-electric detonators assembled with and activated by such means as safety fuse, shock tube, flash tube or detonating cord. They may be of instantaneous design or incorporate delay elements. Detonating relays incorporating detonating cord are included.

DETONATORS, ELECTRIC for blasting: UN Nos. 0030, 0255, 0456

Articles specially designed for the initiation of blasting explosives. These detonators may be constructed to detonate instantaneously or may contain a delay element. Electric detonators are activated by an electric current.

DETONATORS FOR AMMUNITION: UN Nos. 0073, 0364, 0365, 0366

Articles consisting of a small metal or plastics tube containing explosives such as lead azide, PETN or combinations of explosives. They are designed to start a detonation train.

DETONATORS, NON-ELECTRIC for blasting: UN Nos. 0029, 0267, 0455

Articles specially designed for the initiation of blasting explosives. These detonators may be constructed to detonate instantaneously or may contain a delay element. Non-electric detonators are activated by such means as shock tube, flash tube, safety fuse, other igniferous device or flexible detonating cord. Detonating relays without detonating cord are included.

EXPLOSIVE, BLASTING, TYPE A: UN No. 0081

Substances consisting of liquid organic nitrates such as nitroglycerine or a mixture of such ingredients with one or more of the following: nitrocellulose; ammonium nitrate or other inorganic nitrates; aromatic nitro-derivatives, or combustible materials, such as wood-meal and aluminium powder. They may contain inert components such as kieselguhr, and additives such as colouring agents and stabilizers. Such explosives shall be in powdery, gelatinous or elastic form. The term includes dynamite; gelatine, blasting and gelatine dynamites.

EXPLOSIVE, BLASTING, TYPE B: UN Nos. 0082, 0331

Substances consisting of

(a) a mixture of ammonium nitrate or other inorganic nitrates with an explosive such as trinitrotoluene, with or without other substances such as wood-meal and aluminium powder; or

(b) a mixture of ammonium nitrate or other inorganic nitrates with other combustible substances which are not explosive ingredients. In both cases they may contain inert components such as kieselguhr, and additives such as colouring agents and stabilizers. Such explosives must not contain nitroglycerine, similar liquid organic nitrates or chlorates.

EXPLOSIVE, BLASTING, TYPE C: UN No. 0083

Substances consisting of a mixture of either potassium or sodium chlorate or potassium, sodium or ammonium perchlorate with organic nitro-derivatives or combustible materials such as wood-meal or aluminium powder or a hydrocarbon. They may contain inert components such as kieselguhr and additives such as colouring agents and stabilizers. Such explosives must not contain nitroglycerine or similar liquid organic nitrates.

EXPLOSIVE, BLASTING, TYPE D: UN No. 0084

Substances consisting of a mixture of organic nitrated compounds and combustible materials such as hydrocarbons and aluminium powder. They may contain inert components such as kieselguhr and additives such as colouring agents and stabilizers. Such explosives must not contain nitroglycerine, similar liquid organic nitrates, chlorates and ammonium nitrate. The term generally includes plastic explosives.

EXPLOSIVES, BLASTING, TYPE E: UN Nos. 0241, 0332

Substances consisting of water as an essential ingredient and high proportions of ammonium nitrate or other oxidizers, some or all of which are in solution. The other constituents may include nitro-derivatives such as trinitrotoluene, hydrocarbons or aluminium powder. They may contain inert components such as kieselguhr and additives such as colouring agents and stabilizers. The term includes explosives, emulsion, explosives, slurry and explosives, watergel.

FIREWORKS: UN Nos. 0333, 0334, 0335, 0336, 0337

Pyrotechnic articles designed for entertainment.

FLARES, AERIAL: UN Nos. 0093, 0403, 0404, 0420, 0421;

Articles containing pyrotechnic substances which are designed to be dropped from an aircraft to illuminate, identify, signal or warn.

FLARES, SURFACE: UN Nos. 0092, 0418, 0419

Articles containing pyrotechnic substances which are designed for use on the surface to illuminate, identify, signal or warn.

FLASH POWDER: UN Nos. 0094, 0305

Pyrotechnic substance which, when ignited, produces an intense light.

FRACTURING DEVICES, EXPLOSIVE without detonator, for oil wells: UN No. 0099

Articles consisting of a charge of detonating explosive contained in a casing without means of initiation. They are used to fracture the rock around a drill shaft to assist the flow of crude oil from the rock.

FUSE, IGNITER, tubular, metal clad: UN No. 0103

Article consisting of a metal tube with a core of deflagrating explosive.

FUSE, NON-DETONATING: UN No. 0101

Article consisting of cotton yarns impregnated with fine black powder. It burns with an external flame and is used in ignition trains for fireworks, etc. It can be enclosed in a paper tube to obtain an instantaneous or quickmatch effect.

FUSE, SAFETY: UN No. 0105

Article consisting of a core of fine grained black powder surrounded by a flexible woven fabric with one or more protective outer coverings. When ignited, it burns at a predetermined rate without any external explosive effect.

FUZES, DETONATING: UN Nos. 0106, 0107, 0257, 0367

Articles with explosive components designed to produce a detonation in ammunition. They incorporate mechanical, electrical, chemical or hydrostatic components to initiate the detonation. They generally incorporate protective features.

FUZES, DETONATING with protective features: UN Nos. 0408, 0409, 0410

Articles with explosive components designed to produce a detonation in ammunition. They incorporate mechanical, electrical, chemical or hydrostatic components to initiate the detonation. The detonating fuze must incorporate two or more effective protective features.

FUZES, IGNITING: UN Nos. 0316, 0317, 0368

Articles with primary explosive components designed to produce a deflagration in ammunition. They incorporate mechanical, electrical, chemical or hydrostatic components to start the deflagration. They generally incorporate protective features.

GRENADES, hand or rifle, with bursting charge: UN Nos. 0284, 0285

Articles which are designed to be thrown by hand or to be projected by a rifle. They are without means of initiation or with means of initiation containing two or more effective protective features.

GRENADES, hand or rifle, with bursting charge: UN Nos. 0292, 0293

Articles which are designed to be thrown by hand or to be projected by a rifle. They are with means of initiation not containing two or more effective protective features.

GRENADES, PRACTICE, hand or rifle: UN Nos. 0110, 0372, 0318, 0452

Articles without a main bursting charge which are designed to be thrown by hand or to be projected by a rifle. They contain the priming device and may contain a spotting charge.

HEXOTONAL: UN No. 0393

Substance consisting of an intimate mixture of cyclotrimethylene-trinitramine (RDX), trinitrotoluene (TNT) and aluminium.

HEXOLITE (HEXOTOL), dry or wetted with less than 15 % water, by mass: UN No. 0118

Substance consisting of an intimate mixture of cyclotrimethylene-trinitramine (RDX) and trinitrotoluene (TNT). The term includes "Composition B".

IGNITERS: UN Nos. 0121, 0314, 0315, 0325, 0454

Articles containing one or more explosive substances designed to produce a deflagration in an explosive train. They may be actuated chemically, electrically or mechanically.

***NOTE**: The following articles: CORD, IGNITER; FUSE, IGNITER; FUSE, NON-DETONATING; FUZES, IGNITING; LIGHTERS, FUSE; PRIMERS, CAP TYPE; PRIMERS, TUBULAR are not included in this definition. They are listed separately.*

JET PERFORATING GUNS, CHARGED, oil well, without detonator: UN Nos. 0124, 0494

Articles consisting of a steel tube or metallic strip, into which are inserted shaped charges connected by detonating cord, without means of initiation.
LIGHTERS, FUSE: UN No. 0131

Articles of various design actuated by friction, percussion or electricity and used to ignite safety fuse.

MINES with bursting charge: UN Nos. 0137, 0138

Articles consisting normally of metal or composition receptacles filled with a detonating explosive, without means of initiation or with means of initiation containing two or more effective protective features. They are designed to be operated by the passage of ships, vehicles or personnel. The term includes "Bangalore torpedoes".

MINES with bursting charge: UN Nos. 0136, 0294

Articles consisting normally of metal or composition receptacles filled with a detonating explosive, with means of initiation not containing two or more effective protective features. They are designed to be operated by the passage of ships, vehicles or personnel. The term includes "Bangalore torpedoes".

OCTOLITE (OCTOL), dry or wetted with less than 15 % water, by mass: UN No. 0266

Substance consisting of an intimate mixture of cyclotetramethylene-tetranitramine (HMX) and trinitrotoluene (TNT).

OCTONAL: UN No. 0496

Substance consisting of an intimate mixture of cyclotetramethylenetetranitramine (HMX), trinitrotoluene (TNT) and aluminium.

PENTOLITE, dry or wetted with less than 15 % water, by mass: UN No. 0151

Substance consisting of an intimate mixture of pentaerythrite tetranitrate (PETN) and trinitrotoluene (TNT).

POWDER CAKE (POWDER PASTE), WETTED with not less than 17 % alcohol, by mass; POWDER CAKE (POWDER PASTE), WETTED with not less than 25 % water, by mass: UN Nos. 0433, 0159

Substance consisting of nitrocellulose impregnated with not more than 60 % of nitroglycerine or other liquid organic nitrates or a mixture of these.

POWDER, SMOKELESS: UN Nos. 0160, 0161

Substance based on nitrocellulose used as propellant. The term includes propellants with a single base (nitrocellulose (NC) alone), those with a double base (such as NC and nitroglycerine/(NG)) and those with a triple base (such as NC/NG/nitroguanidine).

***NOTE**: Cast, pressed or bag-charges of smokeless powder are listed under CHARGES, PROPELLING, or CHARGES, PROPELLING, FOR CANNON.*

PRIMERS, CAP TYPE: UN Nos. 0044, 0377, 0378

Articles consisting of a metal or plastics cap containing a small amount of primary explosive mixture that is readily ignited by impact. They serve as igniting elements in small arms cartridges and in percussion primers for propelling charges.

PRIMERS, TUBULAR: UN Nos. 0319, 0320, 0376

Articles consisting of a primer for ignition and an auxiliary charge of deflagrating explosive such as black powder used to ignite the propelling charge in a cartridge case for cannon, etc.

PROJECTILES, inert with tracer: UN Nos. 0345, 0424, 0425

Articles such as a shell or bullet, which are projected from a cannon or other gun, rifle or other small arm.

PROJECTILES with burster or expelling charge: UN Nos. 0346, 0347

Articles such as a shell or bullet, which are projected from a cannon or other gun. They are without means of initiation or with means of initiation containing two or more effective protective features. They are used to scatter dyes for spotting or other inert materials.

PROJECTILES with burster or expelling charge: UN Nos. 0426, 0427

Articles such as a shell or bullet, which are projected from a cannon or other gun. They are with means of initiation not containing two or more effective protective features. They are used to scatter dyes for spotting or other inert materials.

PROJECTILES with burster or expelling charge: UN Nos. 0434, 0435

Articles such as a shell or bullet, which are projected from a cannon or other gun, rifle or other small arm. They are used to scatter dyes for spotting or other inert materials.

PROJECTILES with bursting charge: UN Nos. 0168, 0169, 0344

Articles such as a shell or bullet, which are projected from a cannon or other gun. They are without means of initiation or with means of initiation containing two or more effective protective features.

PROJECTILES with bursting charge: UN Nos. 0167, 0324

Articles such as a shell or bullet, which are projected from a cannon or other gun. They are with means of initiation not containing two or more effective protective features.

PROPELLANT, LIQUID: UN Nos. 0495, 0497

Substance consisting of a deflagrating liquid explosive, used for propulsion.

PROPELLANT, SOLID: UN Nos. 0498, 0499, 0501

Substance consisting of a deflagrating solid explosive, used for propulsion.

RELEASE DEVICES, EXPLOSIVE: UN No. 0173

Articles consisting of a small charge of explosive with means of initiation and rods or links. They sever the rods or links to release equipment quickly.

RIVETS, EXPLOSIVE: UN No. 0174

Articles consisting of a small charge of explosive inside a metallic rivet.
ROCKET MOTORS: UN Nos. 0186, 0280, 0281

Articles consisting of a charge of explosive, generally a solid propellant, contained in a cylinder fitted with one or more nozzles. They are designed to propel a rocket or a guided missile.

ROCKET MOTORS, LIQUID FUELLED: UN Nos. 0395, 0396

Articles consisting of a liquid fuel within a cylinder fitted with one or more nozzles. They are designed to propel a rocket or a guided missile.

ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge: UN Nos. 0322, 0250

Articles consisting of a hypergolic fuel contained in a cylinder fitted with one or more nozzles. They are designed to propel a rocket or a guided missile.

ROCKETS, LINE THROWING: UN Nos. 0238, 0240, 0453

Articles consisting of a rocket motor which is designed to extend a line.

ROCKETS, LIQUID FUELLED with bursting charge: UN Nos. 0397, 0398

Articles consisting of a liquid fuel within a cylinder fitted with one or more nozzles and fitted with a warhead. The term includes guided missiles.

ROCKETS with bursting charge: UN Nos. 0181, 0182

Articles consisting of a rocket motor and a warhead without means of initiation or with means of initiation containing two or more effective protective features. The term includes guided missiles.

ROCKETS with bursting charge: UN Nos. 0180, 0295

Articles consisting of a rocket motor and a warhead with means of initiation not containing two or more effective protective features. The term includes guided missiles.

ROCKETS with expelling charge: UN Nos. 0436, 0437, 0438

Articles consisting of a rocket motor and a charge to expel the payload from a rocket head. The term includes guided missiles.

ROCKETS with inert head: UN Nos. 0183, 0502

Articles consisting of a rocket motor and an inert head. The term includes guided missiles.

SAMPLES, EXPLOSIVE, other than initiating explosive UN No. 0190

New or existing explosive substances or articles, not yet assigned to a name in Table A of Chapter 3.2 and carried in conformity with the instructions of the competent authority and generally in small quantities, inter alia, for the purposes of testing, classification, research and development, or quality control, or as commercial samples.

NOTE: *Explosive substances or articles already assigned to another name in Table A of Chapter 3.2 are not included in this definition.*

SIGNAL DEVICES, HAND: UN Nos. 0191, 0373

Portable articles containing pyrotechnic substances which produce visual signals or warnings. The term includes small surface flares such as highway or railway flares and small distress flares.

SIGNALS, DISTRESS, ship: UN Nos. 0194, 0195

Articles containing pyrotechnic substances designed to produce signals by means of sound, flame or smoke or any combination thereof.

SIGNALS, RAILWAY TRACK, EXPLOSIVE: UN Nos. 0192, 0193, 0492, 0493

Articles containing a pyrotechnic substance which explodes with a loud report when the article is crushed. They are designed to be placed on a rail.

SIGNALS, SMOKE: UN Nos. 0196, 0197, 0313, 0487

Articles containing pyrotechnic substances which emit smoke. In addition they may contain devices for emitting audible signals.

SOUNDING DEVICES, EXPLOSIVE: UN Nos. 0374, 0375

Articles consisting of a charge of detonating explosive, without means of initiation or with means of initiation containing two or more effective protective features. They are dropped from ships and function when they reach a predetermined depth or the sea bed.

SOUNDING DEVICES, EXPLOSIVE: UN Nos. 0204, 0296

Articles consisting of a charge of detonating explosive with means of initiation not containing two or more effective protective features. They are dropped from ships and function when they reach a predetermined depth or the sea bed.

SUBSTANCES, EXPLOSIVE, VERY INSENSITIVE (Substances, EVI), N.O.S.: UN No. 0482

Substances presenting a mass explosion hazard but which are so insensitive that there is very little probability of initiation or of transition from burning to detonation under normal conditions of transport, and which have passed Test Series 5.

TORPEDOES, LIQUID FUELLED with inert head: UN No. 0450

Articles consisting of a liquid explosive system to propel the torpedo through the water, with an inert head.

TORPEDOES, LIQUID FUELLED with or without bursting charge: UN No. 0449

Articles consisting of either a liquid explosive system to propel the torpedo through the water, with or without a warhead; or a liquid non-explosive system to propel the torpedo through the water, with a warhead.

TORPEDOES with bursting charge: UN No. 0451

Articles consisting of a non-explosive system to propel the torpedo through the water, and a warhead without means of initiation or with means of initiation containing two or more effective protective features.

TORPEDOES with bursting charge: UN No. 0329

Articles consisting of an explosive system to propel the torpedo through the water, and a warhead without means of initiation or with means of initiation containing two or more effective protective features.

TORPEDOES with bursting charge: UN No. 0330

Articles consisting of an explosive or non-explosive system to propel the torpedo through the water, and a warhead with means of initiation not containing two or more effective protective features.

TRACERS FOR AMMUNITION: UN Nos. 0212, 0306

Sealed articles containing pyrotechnic substances, designed to reveal the trajectory of a projectile.

TRITONAL: UN No. 0390

Substance consisting of trinitrotoluene (TNT) mixed with aluminium.

WARHEADS, ROCKET with burster or expelling charge: UN No. 0370

Articles consisting of an inert payload and a small charge of detonating or deflagrating explosive, without means of initiation or with means of initiation containing two or more effective protective features. They are designed to be fitted to a rocket motor to scatter inert material. The term includes warheads for guided missiles.

WARHEADS, ROCKET with burster or expelling charge: UN No. 0371

Articles consisting of an inert payload and a small charge of detonating or deflagrating explosive, with means of initiation not containing two or more effective protective features. They are designed to be fitted to a rocket motor to scatter inert material. The term includes warheads for guided missiles.

WARHEADS, ROCKET with bursting charge: UN Nos. 0286, 0287

Articles consisting of a detonating explosive, without means of initiation or with means of initiation containing two or more effective protective features. They are designed to be fitted to a rocket. The term includes warheads for guided missiles.

WARHEADS, ROCKET with bursting charge: UN No. 0369

Articles consisting of a detonating explosive, with means of initiation not containing two or more effective protective features. They are designed to be fitted to a rocket. The term includes warheads for guided missiles.

WARHEADS, TORPEDO with bursting charge: UN No. 0221

Articles consisting of a detonating explosive, without means of initiation or with means of initiation containing two or more effective protective features. They are designed to be fitted to a torpedo.

2.2.1.2 ***Substances and articles not accepted for carriage***

2.2.1.2.1 Explosive substances which are unduly sensitive according to the criteria of the Manual of Tests and Criteria, Part I, or are liable to spontaneous reaction, as well as explosive substances and articles which cannot be assigned to a name or n.o.s. entry listed in Table A of Chapter 3.2, shall not be accepted for carriage.

2.2.1.2.2 Articles of compatibility group K shall not be accepted for carriage (1.2K, UN No. 0020 and 1.3K, UN No. 0021).

2.2.1.3 ***List of collective entries***

Classification code (see 2.2.1.1.4)	**UN No**	**Name of the substance or article**
1.1A	0473	SUBSTANCES, EXPLOSIVE, N.O.S.
1.1B	0461	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.
1.1C	0474	SUBSTANCES, EXPLOSIVE, N.O.S.
	0497	PROPELLANT, LIQUID
	0498	PROPELLANT, SOLID
	0462	ARTICLES, EXPLOSIVE, N.O.S.
1.1D	0475	SUBSTANCES, EXPLOSIVE, N.O.S.
	0463	ARTICLES, EXPLOSIVE, N.O.S.
1.1E	0464	ARTICLES, EXPLOSIVE, N.O.S.
1.1F	0465	ARTICLES, EXPLOSIVE, N.O.S.
1.1G	0476	SUBSTANCES, EXPLOSIVE, N.O.S.
1.1L	0357	SUBSTANCES, EXPLOSIVE, N.O.S.
	0354	ARTICLES, EXPLOSIVE, N.O.S.
1.2B	0382	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.
1.2C	0466	ARTICLES, EXPLOSIVE, N.O.S.
1.2D	0467	ARTICLES, EXPLOSIVE, N.O.S.
1.2E	0468	ARTICLES, EXPLOSIVE, N.O.S.
1.2F	0469	ARTICLES, EXPLOSIVE, N.O.S.
1.2L	0358	SUBSTANCES, EXPLOSIVE, N.O.S.
	0248	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge
	0355	ARTICLES, EXPLOSIVE, N.O.S.
1.3C	0132	DEFLAGRATING METAL SALTS OF AROMATIC NITRO-DERIVATIVES, N.O.S.
	0477	SUBSTANCES, EXPLOSIVE, N.O.S.
	0495	PROPELLANT, LIQUID
	0499	PROPELLANT, SOLID
	0470	ARTICLES, EXPLOSIVE, N.O.S.
1.3G	0478	SUBSTANCES, EXPLOSIVE, N.O.S.
1.3L	0359	SUBSTANCES, EXPLOSIVE, N.O.S.

Classification code (see 2.2.1.1.4)	UN No	Name of the substance or article
	0249	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge
	0356	ARTICLES, EXPLOSIVE, N.O.S.
1.4B	0350	ARTICLES, EXPLOSIVE, N.O.S.
	0383	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.
1.4C	0479	SUBSTANCES, EXPLOSIVE, N.O.S.
	0351	ARTICLES, EXPLOSIVE, N.O.S.
1.4D	0480	SUBSTANCES, EXPLOSIVE, N.O.S.
	0352	ARTICLES, EXPLOSIVE, N.O.S.
1.4E	0471	ARTICLES, EXPLOSIVE, N.O.S.
1.4F	0472	ARTICLES, EXPLOSIVE, N.O.S.
1.4G	0485	SUBSTANCES, EXPLOSIVE, N.O.S.
	0353	ARTICLES, EXPLOSIVE, N.O.S.
1.4S	0481	SUBSTANCES, EXPLOSIVE, N.O.S.
	0349	ARTICLES, EXPLOSIVE, N.O.S.
	0384	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.
1.5D	0482	SUBSTANCES, EXPLOSIVE, VERY INSENSITIVE (SUBSTANCES, EVI) N.O.S.
1.6N	0486	ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE (ARTICLES, EEI)
	0190	SAMPLES, EXPLOSIVE other than initiating explosive ***NOTE:*** *Division and Compatibility Group shall be defined as directed by the competent authority and according to the principles in 2.2.1.1.4.*

2.2.2 Class 2 Gases

2.2.2.1 *Criteria*

2.2.2.1.1 The heading of Class 2 covers pure gases, mixtures of gases, mixtures of one or more gases with one or more other substances and articles containing such substances.

A gas is a substance which:

(a) at 50 °C has a vapour pressure greater than 300 kPa (3 bar); or

(b) is completely gaseous at 20° C at the standard pressure of 101.3 kPa .

NOTE 1: *UN No. 1052 HYDROGEN FLUORIDE is nevertheless classified in Class 8.*

NOTE 2*: A pure gas may contain other components deriving from its production process or added to preserve the stability of the product, provided that the level of these components does not change its classification or its conditions of carriage, such as filling ratio, filling pressure, test pressure.*

NOTE 3: *N.O.S. entries in 2.2.2.3 may cover pure gases as well as mixtures.*

2.2.2.1.2 The substances and articles of Class 2 are subdivided as follows:

1. Compressed gases: gases having a critical temperature below 20 °C;

2. Liquefied gases: gases having a critical temperature of 20 °C or above;

3. Refrigerated liquefied gases: gases which when carried are partially liquid because of their low temperature;

4. Gases dissolved under pressure: gases which when carried are dissolved in a solvent;

5. Aerosol dispensers and receptacles, small, containing gas (gas cartridges);

6. Other articles containing gas under pressure;

7. Non-pressurized gases subject to special requirements (gas samples).

2.2.2.1.3 Substances and articles of Class 2 are assigned to one of the following groups according to their hazardous properties, as follows:

A asphyxiant;

O oxidizing;

F flammable;

T toxic;

TF toxic, flammable;

TC toxic, corrosive;

TO toxic, oxidizing;

TFC toxic, flammable, corrosive;

TOC toxic, oxidizing, corrosive.

For gases and gas mixtures presenting hazardous properties associated with more than one group according to the criteria, the groups designated by letter T take precedence over all other groups. The groups designated by letter F take precedence over the groups designated by letters A or O.

NOTE 1: *In the UN Model Regulations, the IMDG Code and the ICAO Technical Instructions, gases are assigned to one of the following three divisions, based on the primary hazard:*

Division 2.1:	*flammable gases (corresponding to the groups designated by the capital letter F);*
Division 2.2:	*non-flammable, non-toxic gases (corresponding to the groups designated by the capital letters A or O);*
Division 2.3:	*toxic gases (corresponding to the groups designated by the capital letter T (i.e. T, TF, TC, TO, TFC and TOC).*

NOTE 2: *Aerosols and receptacles, small, containing gas shall be assigned, according to the hazard of the contents, to the letters A to TOC. The contents are considered to be flammable if they include more than 45% by mass, or more than 250 g, of flammable components. Flammable components are gases which are flammable in air at normal pressure or substances or preparations in liquid form which have a flash-point less than or equal to 100 °C.*

NOTE 3: *Corrosive gases are considered to be toxic, and are therefore assigned to the group TC, TFC or TOC.*

NOTE 4: *Mixtures containing more than 21% oxygen by volume shall be classified as oxidizing.*

2.2.2.1.4 If a mixture of Class 2 mentioned by name in Table A of Chapter 3.2 meets different criteria as mentioned in 2.2.2.1.2 and 2.2.2.1.5, this mixture shall be classified according to the criteria and assigned to an appropriate N.O.S. entry.

2.2.2.1.5 Substances and articles of Class 2 which are not mentioned by name in Table A of Chapter 3.2 shall be classified under a collective entry listed in 2.2.2.3 in accordance with 2.2.2.1.2 and 2.2.2.1.3. The following criteria shall apply:

Asphyxiant gases

Gases which are non-oxidizing, non-flammable and non-toxic and which dilute or replace oxygen normally in the atmosphere.

Flammable gases

Gases which at 20 °C and a standard pressure of 101.3 kPa:

(a) are ignitable when in a mixture of 13% or less by volume with air; or

(b) have a flammable range with air of at least 12 percentage points regardless of the lower flammable limit.

Flammability shall be determined by tests or by calculation, in accordance with methods adopted by ISO (see ISO 10156:1996).

Where insufficient data are available to use these methods, tests by a comparable method recognized by the competent authority of the country of origin may be used.

If the country of origin is not a Contracting Party to ADR these methods shall be recognized by the competent authority of the first country Contracting Party to ADR reached by the consignment.

Oxidizing gases

Gases, which may, generally by providing oxygen, cause or contribute to the combustion of other material more than air does. Oxidizing ability is determined either by tests or by calculation methods adopted by ISO (see ISO 10156:1996).

Toxic gases

NOTE: *Gases meeting the criteria for toxicity in part or completely owing to their corrosivity are to be classified as toxic. See also the criteria under the heading "Corrosive gases" for a possible subsidiary corrosivity risk.*

Gases which:

(a) are known to be so toxic or corrosive to humans as to pose a hazard to health; or

(b) are presumed to be toxic or corrosive to humans because they have a LC_{50} value for acute toxicity equal to or less than 5 000 ml/m³ (ppm) when tested in accordance with 2.2.61.1.

In the case of gas mixtures (including vapours of substances from other classes) the following formula may be used:

$$LC_{50}\ \text{Toxic (mixture)} = \frac{1}{\sum_{i=1}^{n} \frac{f_i}{T_i}}$$

where f_i = mole fraction of the i^{th} component substance of the mixture;

T_i = toxicity index of the i^{th} component substance of the mixture.
The T_i equals the LC_{50} value as found in ISO 10298:1995.
When no LC_{50} value is listed in ISO 10298:1995, a LC_{50} value available in scientific literature shall be used.
When the LC_{50} value is unknown, the toxicity index is determined by using the lowest LC_{50} value of substances of similar physiological and chemical effects, or through testing if this is the only practical possibility.

Corrosive gases

Gases or gas mixtures meeting the criteria for toxicity completely owing to their corrosivity are to be classified as toxic with a subsidiary corrosivity risk.

A gas mixture that is considered to be toxic due to the combined effects of corrosivity and toxicity has a subsidiary risk of corrosivity when the mixture is known by human experience to be destructive to the skin, eyes or mucous membranes or when the LC_{50} value of the corrosive components of the mixture is equal to or less than 5 000 ml/m^3 (ppm) when the LC_{50} is calculated by the formula:

$$LC_{50}\ \text{Corrosive (mixture)} = \frac{1}{\sum_{i=1}^{n} \frac{fc_i}{Tc_i}}$$

where fc_i = mole fraction of the i^{th} corrosive component substance of the mixture;

Tc_i = toxicity index of the i^{th} corrosive component substance of the mixture.
The Tci equals the LC50 value as found in ISO10298:1995.
When no LC_{50} value is listed in ISO 10298:1995, a LC_{50} value available in scientific literature shall be used.
When the LC_{50} value is unknown the toxicity index is determined by using the lowest LC_{50} value of substances of similar physiological and chemical effects, or through testing if this is the only practical possibility.

2.2.2.2 ***Gases not accepted for carriage***

2.2.2.2.1 Chemically unstable substances of Class 2 shall not be accepted for carriage, unless the necessary steps have been taken to prevent all possibility of a dangerous reaction e.g. decomposition, dismutation or polymerisation under normal conditions during transport. To this end particular care shall be taken to ensure that receptacles and tanks do not contain any substances liable to promote these reactions.

2.2.2.2.2 The following substances and mixtures shall not be accepted for carriage:

- UN No. 2186 HYDROGEN CHLORIDE, REFRIGERATED LIQUID;
- UN No. 2421 NITROGEN TRIOXIDE;
- UN No. 2455 METHYL NITRITE;
- Refrigerated liquefied gases which cannot be assigned to classification codes 3A, 3O or 3F;
- Gases dissolved under pressure which cannot be classified under UN Nos. 1001, 2073 or 3318.

2.2.2.3 *List of collective entries*

Compressed gases		
Classification code	**UN No**	**Name of the substance or article**
1 A	1979	RARE GASES MIXTURE, COMPRESSED
	1980	RARE GASES AND OXYGEN MIXTURE, COMPRESSED
	1981	RARE GASES AND NITROGEN MIXTURE, COMPRESSED
	1956	COMPRESSED GAS, N.O.S.
1 O	3156	COMPRESSED GAS, OXIDIZING, N.O.S.
1 F	1964	HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S.
	1954	COMPRESSED GAS, FLAMMABLE, N.O.S.
1T	1955	COMPRESSED GAS, TOXIC, N.O.S.
1 TF	1953	COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.
1 TC	3304	COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.
1 TO	3303	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.
1 TFC	3305	COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.
1 TOC	3306	COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.

Liquefied gases		
Classification code	**UN No**	**Name of the substance or article**
2 A	1058	LIQUEFIED GASES, non-flammable, charged with nitrogen, carbon dioxide or air
	1078	REFRIGERANT GAS, N.O.S. such as mixtures of gases, Indicated by the letter R.., which as: Mixture F1, have a vapour pressure at 70 °C not exceeding 1.3 MPa (13 bar) and a density at 50 °C not lower than that of dichlorofluoromethane (1.30 kg/l); Mixture F2, have a vapour pressure at 70 °C not exceeding 1.9 MPa (19 bar) and a density at 50 °C not lower than that of dichlorodifluoromethane (1.21 kg/l); Mixture F3, have a vapour pressure at 70 °C not exceeding 3 MPa (30 bar) and a density at 50 °C not lower than that of chlorodifluoromethane (1.09 kg/l). ***NOTE:*** *Trichlorofluoromethane (Refrigerant gas R 11), 1,1,2-trichloro-1,2,2-trifluoroethane (Refrigerant gas R 113), 1,1,1-trichloro-2,2,2-trifluoroethane (Refrigerant gas R 113a), 1-chloro-1,2,2-trifluoroethane (Refrigerant gas R 133) and 1-chloro-1,1,2-trifluoroethane (Refrigerant gas R 133b) are not substances of Class 2. They may, however, enter into the composition of mixtures F1 to F3.*
	1968	INSECTICIDE GAS, N.O.S.
	3163	LIQUEFIED GAS, N.O.S.

Liquefied gases (cont'd)		
Classification code	**UN No**	**Name of the substance or article**
2 O	3157	LIQUEFIED GAS, OXIDIZING, N.O.S.
2 F	1010	Mixtures of 1,3-BUTADIENE AND HYDROCARBONS, STABILIZED, having a vapour pressure at 70 °C not exceeding 1.1 MPa (11 bar) and a density at 50 °C not lower than 0.525 kg/l. ***NOTE**: 1,2-butadiene, stabilized and 1,3-butadiene, stabilized are classified under UN No. 1010, see Table A of chapter 3.2.*
	1060	METHYLACETYLENE AND PROPADIENE MIXTURE, STABILIZED such as mixtures of methylacetylene and propadiene with hydrocarbons, which as: Mixture P1, contain not more than 63% methylacetylene and propadiene by volume and not more than 24% propane and propylene by volume, the percentage of C_4- saturated hydrocarbons being not less than 14% by volume; and as Mixture P2, contain not more than 48% methylacetylene and propadiene by volume and not more than 50% propane and propylene by volume, the percentage of C_4- saturated hydrocarbons being not less than 5% by volume, as well as mixtures of propadiene with 1 to 4% methylacetylene.
	1965	HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S such as mixtures, which as: Mixture A, have a vapour pressure at 70 °C not exceeding 1.1 MPa (11 bar) and a density at 50 °C not lower than 0.525 kg/l; Mixture A01, have a vapour pressure at 70 °C not exceeding 1.6 MPa (16 bar) and a relative density at 50 °C not lower than 0.516 kg/l; Mixture A02, have a vapour pressure at 70 °C not exceeding 1.6 MPa (16 bar) and a relative density at 50 °C not lower than 0.505 kg/l; Mixture A0, have a vapour pressure at 70 °C not exceeding 1.6 MPa (16 bar) and a density at 50 °C not lower than 0.495 kg/l; Mixture A1, have a vapour pressure at 70 °C not exceeding 2.1 MPa (21 bar) and a density at 50 °C not lower than 0.485 kg/l; Mixture B1 have a vapour pressure at 70 °C not exceeding 2.6 MPa (26 bar) and a relative density at 50 °C not lower than 0.474 kg/l; Mixture B2 have a vapour pressure at 70 °C not exceeding 2.6 MPa (26 bar) and a relative density at 50 °C not lower than 0.463 kg/l; Mixture B, have a vapour pressure at 70 °C not exceeding 2.6 MPa (26 bar) and a density at 50 °C not lower than 0.450 kg/l; Mixture C, have a vapour pressure at 70 °C not exceeding 3.1 MPa (31 bar) and a relative density at 50 °C not lower than 0.440 kg/l; ***NOTE 1:** In the case of the foregoing mixtures, the use of the following names customary in the trade is permitted for describing these substances: for mixture A01, A02 and A0: BUTANE; for mixture C: PROPANE.* ***NOTE 2:** UN No. 1075 PETROLEUM GASES, LIQUEFIED may be used as an alternative entry for UN No. 1965 HYDROCARBON GAS MIXTURE LIQUEFIED, N.O.S. for carriage prior to or following maritime or air carriage.*
	3354	INSECTICIDE GAS, FLAMMABLE, N.O.S.
	3161	LIQUEFIED GAS, FLAMMABLE, N.O.S.

Liquefied gases (cont'd)		
Classification code	**UN No**	**Name of the substance or article**
2 T	1967 3162	INSECTICIDE GAS, TOXIC, N.O.S. LIQUEFIED GAS, TOXIC, N.O.S.
2 TF	3355 3160	INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S. LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.
2 TC	3308	LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.
2 TO	3307	LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.
2 TFC	3309	LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.
2 TOC	3310	LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.

Refrigerated liquefied gases		
Classification code	**UN No**	**Name of the substance or article**
3 A	3158	GAS, REFRIGERATED LIQUID, N.O.S.
3 O	3311	GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.
3 F	3312	GAS, REFRIGERATED LIQUID, FLAMMABLE, N.O.S.

Gases, dissolved under pressure		
Classification code	**UN No**	**Name of the substance or article**
4		Only substances listed in Table A of Chapter 3.2 are to be accepted for carriage.

Aerosols and receptacles, small, containing gas		
Classification code	**UN No**	**Name of the substance or article**
5	1950 2037	AEROSOLS RECEPTACLES, SMALL CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable

Other articles containing gas under pressure		
Classification code	**UN No**	**Name of the substance or article**
6A	3164 3164	ARTICLES, PRESSURIZED, PNEUMATIC (containing non-flammable gas) or ARTICLES, PRESSURIZED, HYDRAULIC (containing non-flammable gas)
6F	3150 3150	DEVICES, SMALL, HYDROCARBON GAS POWERED or HYDROCARBON GAS REFILLS FOR SMALL DEVICES, with release device

Gas samples		
Classification code	**UN No**	**Name of the substance or article**
7 F	3167	GAS SAMPLE, NON-PRESSURIZED, FLAMMABLE, N.O.S., not refrigerated liquid
7 T	3169	GAS SAMPLE, NON-PRESSURIZED, TOXIC, N.O.S., not refrigerated liquid
7 TF	3168	GAS SAMPLE, NON-PRESSURIZED, TOXIC, FLAMMABLE, N.O.S., not refrigerated liquid

2.2.3 Class 3 Flammable liquids

2.2.3.1 *Criteria*

2.2.3.1.1 The heading of Class 3 covers substances and articles containing substances of this Class which:

- are liquids according to subparagraph (a) of the definition for "liquid" in 1.2.1;
- have at 50 °C a vapour pressure of not more than 300 kPa (3 bar) and are not completely gaseous at 20 °C and at standard pressure of 101.3 kPa; and
- have a flash-point of not more than 61 °C (see 2.3.3.1 for the relevant test).

The heading of Class 3 also covers liquid substances and molten solid substances with a flash-point of more than 61°C and which are carried or handed over for carriage whilst heated at temperatures equal to or higher than their flash-point. These substances are assigned to UN No. 3256.

The heading of Class 3 also covers liquid desensitized explosives. Liquid desensitized explosives are explosive substances which are dissolved or suspended in water or other liquid substances, to form an homogeneous liquid mixture to suppress their explosive properties. Such entries in Table A of Chapter 3.2 are UN Nos. 1204, 2059, 3064, 3343 and 3357.

***NOTE 1**: Substances having a flash-point above 35 °C, non-toxic and non-corrosive, which, under the sustained combustibility test conditions given in sub-section 32.5.2 of Part III of the Manual of Tests and Criteria do not sustain combustion are not substances of Class 3; if, however, these substances are handed over for carriage and carried whilst heated at temperatures equal to or higher than their flash-point, they are substances of Class 3.*

***NOTE 2**: By derogation from paragraph 2.2.3.1.1 above, diesel fuel, gasoil, heating oil (light) having a flash-point above 61 °C and not more than 100 °C shall be deemed substances of Class 3, UN No. 1202.*

***NOTE 3:** Liquids which are highly toxic on inhalation, having a flash-point below 23 °C and toxic substances, having a flash-point of 23 °C or above are substances of Class 6.1 (see 2.2.61.1).*

***NOTE 4:** Flammable liquid substances and preparations, used as pesticides, which are highly toxic, toxic or slightly toxic and have a flash-point of 23 °C or above are substances of Class 6.1 (see 2.2.61.1).*

***NOTE 5:** Corrosive liquids having a flash-point of 23 °C or above are substances of Class 8 (see 2.2.8.1).*

***NOTE 6**: UN No. 2734 AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S., UN No. 2734 POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. and UN No. 2920 CORROSIVE LIQUID, FLAMMABLE, N.O.S. are substances of Class 8 (see 2.2.8.1).*

***NOTE 7**: Pharmaceutical products ready for use, e.g. cosmetics, drugs and medicines, which are substances manufactured and packed in packagings of a type intended for retail sale or distribution for personal or household consumption are not subject to the provisions of ADR.*

2.2.3.1.2 The substances and articles of Class 3 are subdivided as follows:

F Flammable liquids, without subsidiary risk:

F1 Flammable liquids having a flash-point of or below 61 °C;
F2 Flammable liquids having a flash-point above 61 °C which are carried or handed over for carriage at or above their flash-point (elevated temperature substances);

FT Flammable liquids, toxic:

FT1 Flammable liquids, toxic;
FT2 Pesticides;

FC Flammable liquids, corrosive;

FTC Flammable liquids, toxic, corrosive;

D Liquid desensitized explosives.

2.2.3.1.3 Substances and articles classified in Class 3 are listed in Table A of Chapter 3.2. Substances not mentioned by name in Table A of Chapter 3.2 shall be assigned to the relevant entry of 2.2.3.3 and the relevant packing group in accordance with the provisions of this section. Flammable liquids shall be assigned to one of the following packing groups according to the degree of danger they present for carriage:

Packing group I: *substances presenting high danger*: flammable liquids having a boiling point or initial boiling point not exceeding 35 °C, and flammable liquids having a flash-point below 23 °C, which are either highly toxic according to the criteria of 2.2.61.1 or highly corrosive according to the criteria of 2.2.8.1;

Packing group II: *substances presenting medium danger*: flammable liquids having a flash-point below 23 °C which are not classified under packing group I, with the exception of substances of 2.2.3.1.4;

Packing group III: *substances presenting low danger*: flammable liquids having a flash-point of 23 °C to 61 °C inclusive and substances of 2.2.3.1.4.

2.2.3.1.4 Liquid or viscous mixtures and preparations, including those containing no more than 20% nitrocellulose with a nitrogen content not exceeding 12.6% (by dry mass), shall be assigned to packing group III only if the following requirements are met:

(a) the height of the separated layer of solvent is less than 3% of the total height of the sample in the solvent-separation test (see Manual of Tests and Criteria, Part III, sub-section 32.5.1); and

(b) the viscosity [1] and flash-point are in accordance with the following table:

[1] *Viscosity determination: Where the substance concerned is non-Newtonian, or where a flow cup method of viscosity determination is otherwise unsuitable, a variable shear-rate viscometer shall be used to determine the dynamic viscosity coefficient of the substance, at 23 °C, at a number of shear rates. The values obtained are plotted against shear rate and then extrapolated to zero shear rate. The dynamic viscosity thus obtained, divided by the density, gives the apparent kinematic viscosity at near-zero shear rate.*

Kinematic viscosity (extrapolated) v (at near-zero shear rate) mm^2/s at 23 °C	Flow time t in accordance with ISO 2431:1993		Flash-point in °C
	in s	Jet diameter in mm	
20 < v < 80	20 < t < 60	4	above 17
80 < v < 135	60 < t < 100	4	above 10
135 < v < 220	20 < t < 32	6	above 5
220 < v < 300	32 < t < 44	6	above -1
300 < v < 700	44 < t < 100	6	above -5
700 < v	100 < t	6	-5 and below

***NOTE**: Mixtures containing more than 20% but not more than 55% nitrocellulose with a nitrogen content not exceeding 12.6% by dry mass are substances assigned to UN No. 2059.*

Mixtures having a flash-point below 23 °C and containing:

- *more than 55 % nitrocellulose, whatever their nitrogen content; or*

- *not more than 55 % nitrocellulose with a nitrogen content above 12.6 % by dry mass,*

are substances of Class 1 (UN Nos. 0340 or 0342) or of Class 4.1 (UN Nos. 2555, 2556 or 2557).

2.2.3.1.5 Non-toxic and non-corrosive solutions and homogeneous mixtures having a flash-point of 23 °C or above (viscous substances, such as paints or varnishes, excluding substances containing more than 20 % nitrocellulose) packed in receptacles of less than 450 litres capacity, are not subject to ADR if, in the solvent-separation test (see Manual of Tests and Criteria, Part III, sub-section 32.5.1), the height of the separated layer of solvent is less than 3 % of the total height, and if the substances at 23 °C have, in the flow cup conforming to ISO 2431:1993 having a jet 6 mm in diameter, a flow time of:

(a) not less than 60 seconds, or

(b) not less than 40 seconds and contain not more than 60 % of substances of Class 3.

2.2.3.1.6 If substances of Class 3, as a result of admixtures, come into categories of risk different from those to which the substances mentioned by name in Table A of Chapter 3.2 belong, these mixtures or solutions shall be assigned to the entries to which they belong on the basis of their actual degree of danger.

***NOTE**: For the classification of solutions and mixtures (such as preparations and wastes) see also 2.1.3.*

2.2.3.1.7 On the basis of the test procedures in accordance with section 2.3.2, and the criteria set out in 2.2.3.1.1, it may also be determined whether the nature of a solution or a mixture mentioned by name or containing a substance mentioned by name is such that the solution or mixture is not subject to the provisions for this Class (see also 2.1.3).

2.2.3.2 *Substances not accepted for carriage*

2.2.3.2.1 Substances of Class 3 which are liable to form peroxides easily (as happens with ethers or with certain heterocyclic oxygenated substances) shall not be accepted for carriage if their peroxide content, calculated as hydrogen peroxide (H_2O_2), exceeds 0.3%. The peroxide content shall be determined as indicated in 2.3.3.2.

2.2.3.2.2 The chemically unstable substances of Class 3 shall not be accepted for carriage unless the necessary steps have been taken to prevent their dangerous decomposition or polymerization during carriage. To this end, it shall be ensured in particular that receptacles and tanks do not contain any substance liable to promote these reactions.

2.2.3.2.3 Liquid desensitized explosives other than those listed in Table A of Chapter 3.2 shall not be accepted for carriage as substances of Class 3.

2.2.3.3 ***List of collective entries***

F — **Without subsidiary risk**

F1

1133 ADHESIVES containing flammable liquid
1136 COAL TAR DISTILLATES, FLAMMABLE
1139 COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle undercoating, drum or barrel lining)
1169 EXTRACTS, AROMATIC, LIQUID
1197 EXTRACTS, FLAVOURING, LIQUID
1210 PRINTING INK, flammable or
1210 PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable
1263 PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or
1263 PAINT RELATED MATERIAL (including paint thinning or reducing compound)
1266 PERFUMERY PRODUCTS with flammable solvents
1293 TINCTURES, MEDICINAL
1306 WOOD PRESERVATIVES, LIQUID
1866 RESIN SOLUTION, flammable
1999 TARS, LIQUID, including road asphalt and oils, bitumen and cut backs
3065 ALCOHOLIC BEVERAGES
3269 POLYESTER RESIN KITS
1224 KETONES, LIQUID, N.O.S.
1268 PETROLEUM DISTILLATES, N.O.S. or
1268 PETROLEUM PRODUCTS, N.O.S.
1987 ALCOHOLS, N.O.S.
1989 ALDEHYDES, N.O.S.
2319 TERPENE HYDROCARBONS, N.O.S.
3271 ETHERS, N.O.S.
3272 ESTERS, N.O.S.
3295 HYDROCARBONS, LIQUID, N.O.S.
3336 MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or
3336 MERCAPTANS MIXTURE, LIQUID, FLAMMABLE, N.O.S.
1993 FLAMMABLE LIQUID, N.O.S.

F2 elevated temperature

3256 ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S., with flash-point above 61 °C, at or above its flash-point

(cont'd)

2.2.3.3 ***List of collective entries (cont'd)***

Toxic

FT1

1228 MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S. or
1228 MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.
1986 ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.
1988 ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.
2478 ISOCYANATES, FLAMMABLE, TOXIC, N.O.S. or
2478 ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.
3248 MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.
3273 NITRILES, FLAMMABLE, TOXIC, N.O.S.
1992 FLAMMABLE LIQUID, TOXIC, N.O.S.

FT2

pesticide (f.p<23 °C)

2758 CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC
2760 ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC
2762 ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC
2764 TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC
2772 THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC
2776 COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC
2778 MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC
2780 SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC
2782 BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC
2784 ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC
2787 ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC
3024 COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC
3346 PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC
3350 PYRETHROID PESTICIDE, LIQUID, FLAMMABLE TOXIC
3021 PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S.

***NOTE* :** *The classification of a pesticide under an entry shall be effected on the basis of the active ingredient, of the physical state of the pesticide and any subsidiary risks it may exhibit.*

Corrosive **FC**

2733 AMINES, FLAMMABLE, CORROSIVE, N.O.S. or
2733 POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.
2985 CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.
3274 ALCOHOLATES SOLUTION, N.O.S., in alcohol
2924 FLAMMABLE LIQUID, CORROSIVE, N.O.S.

Toxic, corrosive **FTC**

3286 FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.

Liquid desensitized explosive **D**

3343 NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin by mass
3357 NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S. with not more than 30% nitroglycerin by mass
(No other collective entry available. For other substances, only those listed in Table A of Chapter 3.2 are to be accepted for carriage as substances of Class 3.)

2.2.41 Class 4.1 Flammable solids, self-reactive substance and solid desensitized explosives

2.2.41.1 *Criteria*

2.2.41.1.1 The heading of Class 4.1 covers flammable substances and articles, desensitized explosives which are solids according to subparagraph (a) of the definition "solid" in 1.2.1 and self-reactive liquids or solids.

The following are assigned to Class 4.1:

- readily flammable solid substances and articles (see paragraphs 2.2.41.1.3 to 2.2.41.1.8);
- self-reactive solids or liquids (see paragraphs 2.2.41.1.9 to 2.2.41.1.17);
- solid desensitized explosives (see 2.2.41.1.18);
- substances related to self-reactive substances (see 2.2.41.1.19).

2.2.41.1.2 The substances and articles of Class 4.1 are subdivided as follows:

F Flammable solids, without subsidiary risk:

F1 Organic;
F2 Organic, molten;
F3 Inorganic;

FO Flammable solids, oxidizing;

FT Flammable solids, toxic:

FT1 Organic, toxic;
FT2 Inorganic, toxic;

FC Flammable solids, corrosive:

FC1 Organic, corrosive;
FC2 Inorganic, corrosive;

D Solid desensitized explosives without subsidiary risk;

DT Solid desensitized explosives, toxic;

SR Self-reactive substances:

SR1 Not requiring temperature control;
SR2 Requiring temperature control.

Flammable solids

Definition and properties

2.2.41.1.3 *Flammable solids* are readily combustible solids and solids which may cause fire through friction.

Readily combustible solids are powdered, granular, or pasty substances which are dangerous if they can be easily ignited by brief contact with an ignition source, such as a burning match, and if the flame spreads rapidly. The danger may come not only from the fire but also from toxic combustion products. Metal powders are especially dangerous because of the difficulty of extinguishing a fire since normal extinguishing agents such as carbon dioxide or water can increase the hazard.

Classification

2.2.41.1.4 Substances and articles classified as flammable solids of Class 4.1 are listed in Table A of Chapter 3.2. The assignment of organic substances and articles not mentioned by name in Table A of Chapter 3.2 to the relevant entry of sub-section 2.2.41.3 in accordance with the provisions of Chapter 2.1 can be based on experience or on the results of the test procedures in accordance with Part III, sub-section 33.2.1 of the Manual of Tests and Criteria. The assignment of inorganic substances not mentioned by name shall be based on the results of the test procedures in accordance with Part III, sub-section 33.2.1 of the Manual of Tests and Criteria; experience shall also be taken into account when it leads to a more stringent assignment.

2.2.41.1.5 When substances not mentioned by name are assigned to one of the entries listed in 2.2.41.3 on the basis of the test procedures in accordance with the Manual of Tests and Criteria, Part III, sub-section 33.2.1, the following criteria apply:

(a) With the exception of metal powders or powders of metal alloys, powdery, granular or pasty substances shall be classified as readily flammable substances of Class 4.1 if they can be easily ignited by brief contact with an ignition source (e.g. a burning match), or if, in the event of ignition, the flame spreads rapidly, the burning time is less than 45 seconds for a measured distance of 100 mm or the rate of burning is greater than 2.2 mm/s.

(b) Metal powders or powders of metal alloys shall be assigned to Class 4.1 if they can be ignited by a flame and the reaction spreads over the whole length of the sample in 10 minutes or less.

Solids which may cause fire through friction shall be classified in Class 4.1 by analogy with existing entries (e.g. matches) or in accordance with any appropriate special provision.

2.2.41.1.6 On the basis of the test procedure in accordance with the Manual of Tests and Criteria, Part III, Section 33.2.1 and the criteria set out in 2.2.41.1.4 and 2.2.41.1.5, it may also be determined whether the nature of a substance mentioned by name is such that the substance is not subject to the provisions for this Class.

2.2.41.1.7 If substances of Class 4.1, as a result of admixtures, come into different categories of risk from those to which the substances mentioned by name in Table A of Chapter 3.2 belong, these mixtures shall be assigned to the entries to which they belong on the basis of their actual degree of danger.

NOTE: *For the classification of solutions and mixtures (such as preparations and wastes), see also 2.1.3.*

Assignment of packing groups

2.2.41.1.8 Flammable solids classified under the various entries in Table A of Chapter 3.2 shall be assigned to packing groups II or III on the basis of test procedures of the Manual of Tests and Criteria, Part III, sub-section 33.2.1, in accordance with the following criteria:

(a) Readily flammable solids which, when tested, have a burning time of less than 45 seconds over a measured distance of 100 mm shall be assigned to:

Packing group II: if the flame passes the wetted zone;

Packing group III: if the wetted zone stops the flame for at least four minutes;

(b) Metal powders or powders of metal alloys shall be assigned to:

Packing group II: if, when tested, the reaction spreads over the whole length of the sample in five minutes or less;

Packing group III: if, when tested, the reaction spreads over the whole length of the sample in more than five minutes.

For solids which may cause fire through friction, the packing group shall be assigned by analogy with existing entries or in accordance with any special provision.

Self-reactive substances

Definitions

2.2.41.1.9 For the purposes of ADR, *self-reactive substances* are thermally unstable substances liable to undergo a strongly exothermic decomposition even without participation of oxygen (air). Substances are not considered to be self-reactive substances of Class 4.1, if:

(a) they are explosives according to the criteria of Class 1;

(b) they are oxidizing substances according to the assignment procedure of Class 5.1 (see 2.2.51.1);

(c) they are organic peroxides according to the criteria of Class 5.2 (see 2.2.52.1);

(d) their heat of decomposition is less than 300 J/g; or

(e) their self-accelerating decomposition temperature (SADT) (see NOTE 2 below) is greater than 75 °C for a 50 kg package.

NOTE 1: *The heat of decomposition can be determined using any internationally recognised method e.g. differential scanning calorimetry and adiabatic calorimetry.*

NOTE 2*: The self-accelerating decomposition temperature (SADT) is the lowest temperature at which self-accelerating decomposition may occur with a substance in the packaging as used during carriage. Requirements for the determination of the SADT are given in the Manual of Tests and Criteria, Part II, Chapter 20 and section 28.4.*

NOTE 3*: Any substance which shows the properties of a self-reactive substance shall be classified as such, even if this substance gives a positive test result according to 2.2.42.1.5 for inclusion in Class 4.2.*

Properties

2.2.41.1.10 The decomposition of self-reactive substances can be initiated by heat, contact with catalytic impurities (e.g. acids, heavy-metal compounds, bases), friction or impact. The rate of decomposition increases with temperature and varies with the substance. Decomposition, particularly if no ignition occurs, may result in the evolution of toxic gases or vapours. For certain self-reactive substances, the temperature shall be controlled. Some self-reactive substances may decompose explosively, particularly if confined. This characteristic may be modified by the addition of diluents or by the use of appropriate packagings. Certain self-reactive substances burn vigorously. Self-reactive substances are, for example, some compounds of the types listed below:

aliphatic azo compounds (-C-N=N-C-);
organic azides (-C-N_3);
diazonium salts (-CN_2^+ Z^-);
N-nitroso compounds (-N-N=O); and
aromatic sulphohydrazides (-SO_2-NH-NH_2).

This list is not exhaustive and substances with other reactive groups and some mixtures of substances may have similar properties.

Classification

2.2.41.1.11 Self-reactive substances are classified into seven types according to the degree of danger they present. The types of self-reactive substances range from type A, which is not accepted for carriage in the packaging in which it is tested, to type G, which is not subject to the provisions for self-reactive substances of Class 4.1. The classification of types B to F is directly related to the maximum quantity allowed in one packaging. The principles to be applied for classification as well as the applicable classification procedures, test methods and criteria and an example of a suitable test report are given in Part II of the Manual of Tests and Criteria.

2.2.41.1.12 Substances which have already been classified and assigned to the appropriate collective entry are listed in 2.2.41.4 together with the applicable UN number, packing method and, where appropriate, control and emergency temperatures.

The collective entries specify:

- self-reactive substances types B to F, see 2.2.41.1.11 above;
- physical state (liquid/solid); and
- temperature control (when required), see 2.2.41.1.17 below.

The classification of the self-reactive substances listed in 2.2.41.4 is based on the technically pure substance (except where a concentration of less than 100% is specified).

2.2.41.1.13 Classification of self-reactive substances or formulations of self-reactive substances not listed in 2.2.41.4 and assignment to a collective entry shall be made by the competent authority of the country of origin on the basis of a test report. The statement of approval shall contain the classification and the relevant conditions of carriage. If the country of origin is not a Contracting Party to ADR, the classification and the conditions of carriage shall be recognized by the competent authority of the first country Contracting Party to ADR reached by the consignment.

2.2.41.1.14 Activators, such as zinc compounds, may be added to some self-reactive substances to change their reactivity. Depending on both the type and the concentration of the activator, this may result in a decrease in thermal stability and a change in explosive properties. If either of these properties is altered, the new formulation shall be assessed in accordance with the classification procedure.

2.2.41.1.15 Samples of self-reactive substances or formulations of self-reactive substances not listed in 2.2.41.4, for which a complete set of test results is not available and which are to be carried for further testing or evaluation, shall be assigned to one of the appropriate entries for self-reactive substances type C provided the following conditions are met:

- the available data indicates that the sample would be no more dangerous than self-reactive substances type B;

- the sample is packaged in accordance with packing method OP2 and the quantity per transport unit is limited to 10 kg;

- the available data indicate that the control temperature, if any, is sufficiently low to prevent any dangerous decomposition and sufficiently high to prevent any dangerous phase separation.

Desensitization

2.2.41.1.16 In order to ensure safety during carriage, self-reactive substances are in many cases desensitized by use of a diluent. Where a percentage of a substance is stipulated, this refers to the percentage by mass, rounded to the nearest whole number. If a diluent is used, the self-reactive substance shall be tested with the diluent present in the concentration and form used in carriage. Diluents which may allow a self-reactive substance to concentrate to a dangerous extent in the event of leakage from a packaging shall not be used. Any diluent shall be compatible with the self-reactive substance. In this regard, compatible diluents are those solids or liquids which have no detrimental influence on the thermal stability and hazard type of the self-reactive substance. Liquid diluents in formulations requiring temperature control (see 2.2.41.1.14) shall have a boiling point of at least 60 °C and a flash-point not less than 5 °C. The boiling point of the liquid shall be at least 50 °C higher than the control temperature of the self-reactive substance.

Temperature control requirements

2.2.41.1.17 Certain self-reactive substances may only be carried under temperature controlled conditions. The control temperature is the maximum temperature at which the self-reactive substance can be safely carried. It is assumed that the temperature of the immediate surroundings of a package only exceeds 55 °C during carriage for a relatively short time in a 24 hour period. In the event of loss of temperature control, it may be necessary to implement emergency procedures. The emergency temperature is the temperature at which such procedures shall be implemented. The control and emergency temperatures are derived from the SADT (see table 1). The SADT shall be determined in order to decide whether a substance shall be subjected to temperature control during carriage. Provisions for the determination of the SADT are given in the Manual of Tests and Criteria, Part II, Chapter 20 and Section 28.4.

Table 1: Derivation of control and emergency temperatures

Type of receptacle	SADT [a]	Control temperature	Emergency temperature
Single packagings and IBCs	20 °C or less	20 °C below SADT	10 °C below SADT
	over 20 °C to 35 °C	15 °C below SADT	10 °C below SADT
	over 35 °C	10 °C below SADT	5 °C below SADT
Tanks	over 50 °C	10 °C below SADT	5 °C below SADT

[a] *SADT of the substance as packaged for carriage.*

Self-reactive substances with an SADT not greater than 55 °C shall be subject to temperature control during carriage. Where applicable, control and emergency temperatures are listed in 2.2.41.4. The actual temperature during carriage may be lower than the control temperature but shall be selected so as to avoid dangerous separation of phases.

Solid desensitized explosives

2.2.41.1.18 Solid desensitized explosives are substances which are wetted with water or alcohols or are diluted with other substances to suppress their explosive properties. Such entries in Table A of Chapter 3.2 are: UN Nos. 1310, 1320, 1321, 1322, 1336, 1337, 1344, 1347, 1348, 1349, 1354, 1355, 1356, 1357, 1517, 1571, 2555, 2556, 2557, 2852, 2907, 3317 and 3319; and, if special provision 15 of Chapter 3.3 is complied with: UN Nos. 0154, 0155, 0209, 0214, 0215, 0234; and, if special provision 18 of Chapter 3.3. is complied with: UN No. 0220.

Substances related to self-reactive substances

2.2.41.1.19 Substances that:

(a) have been provisionally accepted into Class 1 according to Test Series 1 and 2 but exempted from Class 1 by Test Series 6;

(b) are not self-reactive substances of Class 4.1; and

(c) are not substances of Classes 5.1 or 5.2

are also assigned to Class 4.1. UN Nos. 2956, 3241, 3242 and 3251 are such entries.

2.2.41.2 *Substances not accepted for carriage*

2.2.41.2.1 The chemically unstable substances of Class 4.1 shall not be accepted for carriage unless the necessary steps have been taken to prevent their dangerous decomposition or polymerization during carriage. To this end, it shall in particular be ensured that receptacles and tanks do not contain any substance liable to promote these reactions.

2.2.41.2.2 Flammable solids, oxidizing, assigned to UN No. 3097 shall not be accepted for carriage unless they meet the requirements for Class 1 (see also 2.1.3.7).

2.2.41.2.3 The following substances shall not be accepted for carriage:

- Self-reactive substances of type A [see Manual of Tests and Criteria, Part II, paragraph 20.4.2 (a)];

- Phosphorus sulphides which are not free from yellow and white phosphorus;

- Solid densitized explosives other than those listed in Table A of Chapter 3.2;

- Inorganic flammable substances in the molten form other than UN No. 2448 SULPHUR, MOLTEN;

- Barium azide with a water content less than 50% (mass).

2.2.41.3 *List of collective entries*

Flammable solids **F**	**without subsidiary risk**	**organic**	**F1**	3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. 1353 FIBRES IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S. or 1353 FABRICS IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S. 1325 FLAMMABLE SOLID, ORGANIC, N.O.S.
		organic molten	**F2**	3176 FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.
		inorganic	**F3**	3089 METAL POWDER, FLAMMABLE, N.O.S. [a] [b] 3181 METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S. 3182 METAL HYDRIDES, FLAMMABLE,N.O.S. [c] 3178 FLAMMABLE SOLID, INORGANIC, N.O.S.
	oxidizing		**FO**	3097 FLAMMABLE SOLID, OXIDIZING, N.O.S. (not allowed, see para. 2.2.41.2.2)
	toxic FT	**organic**	**FT1**	2926 FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.
		inorganic	**FT2**	3179 FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.
	corrosive FC	**organic**	**FC1**	2925 FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.
		inorganic	**FC2**	3180 FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.
Solid desensitized explosives	**without subsidiary risk**		**D**	3319 NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin by mass 3344 PENTAERYTHRITE TETRANITRATE MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN by mass (No other collective entry available. For other substances, only those listed in Table A of Chapter 3.2 are to be accepted for carriage as substances of Class 4.1.)
	toxic		**DT**	Only those listed in Table A of Chapter 3.2 are to be accepted for carriage as substances of Class 4.1
Self-reactive substances **SR**	**not requiring temperature control**		**SR1**	SELF-REACTIVE LIQUID TYPE A SELF-REACTIVE SOLID TYPE A } Not accepted for carriage, see 2.2.41.2.3 3221 SELF-REACTIVE LIQUID TYPE B 3222 SELF-REACTIVE SOLID TYPE B 3223 SELF-REACTIVE LIQUID TYPE C 3224 SELF-REACTIVE SOLID TYPE C 3225 SELF-REACTIVE LIQUID TYPE D 3226 SELF-REACTIVE SOLID TYPE D 3227 SELF-REACTIVE LIQUID TYPE E 3228 SELF-REACTIVE SOLID TYPE E 3229 SELF-REACTIVE LIQUID TYPE F 3230 SELF-REACTIVE SOLID TYPE F SELF-REACTIVE LIQUID TYPE G SELF-REACTIVE SOLID TYPE G } Not subject to the provisions applicable to Class 4.1, see 2.2.41.1.1.11
	requiring temperature control		**SR2**	3231 SELF-REACTIVE LIQUID TYPE B, TEMPERATURE CONTROLLED 3232 SELF-REACTIVE SOLID TYPE B, TEMPERATURE CONTROLLED 3233 SELF-REACTIVE LIQUID TYPE C, TEMPERATURE CONTROLLED 3234 SELF-REACTIVE SOLID TYPE C, TEMPERATURE CONTROLLED 3235 SELF-REACTIVE LIQUID TYPE D, TEMPERATURE CONTROLLED 3236 SELF-REACTIVE SOLID TYPE D, TEMPERATURE CONTROLLED 3237 SELF-REACTIVE LIQUID TYPE E, TEMPERATURE CONTROLLED 3238 SELF-REACTIVE SOLID TYPE E, TEMPERATURE CONTROLLED 3239 SELF-REACTIVE LIQUID TYPE F, TEMPERATURE CONTROLLED 3240 SELF-REACTIVE SOLID TYPE F, TEMPERATURE CONTROLLED

[a] *Metals and metal alloys in powdered or other flammable form, liable to spontaneous combustion, are substances of Class 4.2.*

[b] *Metals and metal alloys in powdered or other flammable form, which in contact with water, emit flammable gases, are substances of Class 4.3.*

[c] *Metals hydrides which, in contact with water, emit flammable gases, are substances of Class 4.3. Aluminium borohydride or aluminium borohydride in devices are substances of Class 4.2, UN No. 2870.*

2.2.41.4 *List of self-reactive substances*

NOTE: *For the packing methods, see 4.1.4.1, packing instruction P520 and 4.1.7.1.*

SELF-REACTIVE SUBSTANCE	Concentration (%)	Packing method	Control temperature (°C)	Emergency temperature (°C)	UN generic entry	Remarks
AZODICARBONAMIDE FORMULATION TYPE B, TEMPERATURE CONTROLLED	< 100	OP5			3232	(1) (2)
AZODICARBONAMIDE FORMULATION TYPE C	< 100	OP6			3224	(3)
AZODICARBONAMIDE FORMULATION TYPE C, TEMPERATURE CONTROLLED	< 100	OP6			3234	(4)
AZODICARBONAMIDE FORMULATION TYPE D	< 100	OP7			3226	(5)
AZODICARBONAMIDE FORMULATION TYPE D, TEMPERATURE CONTROLLED	< 100	OP7			3236	(6)
2,2' -AZODI(2,4-DIMETHYL-4-METHOXYVALERONITRILE)	100	OP7	-5	+5	3236	
2,2' -AZODI(2,4-DIMETHYL-VALERONITRILE)	100	OP7	+10	+15	3236	
2,2' -AZODI(ETHYL-2-METHYLPROPIONATE)	100	OP7	+20	+25	3235	
1,1-AZODI(HEXAHYDROBENZONITRILE)	100	OP7			3226	
2,2' -AZODI(ISOBUTYRONITRILE	100	OP6	+40	+45	3234	
2,2' -AZODI(ISOBUTYRONITRILE) as a water based paste	< 50%	OP6			3224	
2,2' -AZODI(2-METHYLBUTYRO-NITRILE)	100	OP7	+35	+40	3236	
BENZENE-1,3-DISULPHOHYDRAZIDE, as a paste	52	OP7			3226	
BENZENE SULPHOHYDRAZIDE	100	OP7			3226	
4-(BENZYL(ETHYL)AMINO)-3-ETHOXY-BENZENEDIAZONIUM ZINC CHLORIDE	100	OP7			3226	
4-(BENZYL(METHYL)AMINO)-3-ETHOXYBENZENEDIAZONIUM ZINC CHLORIDE	100	OP7	+40	+45	3236	
3-CHLORO-4-DIETHYLAMINOBENZENE-DIAZONIUM ZINC CHLORIDE	100	OP7			3226	
2-DIAZO-1-NAPHTHOL-4-SULPHOCHLORIDE	100	OP5			3222	(2)
2-DIAZO-1-NAPHTHOL-5-SULPHOCHLORIDE	100	OP5			3222	(2)

2.2.41.4*List of self-reactive substances (cont'd*)

SELF-REACTIVE SUBSTANCE	Concen-tration (%)	Packing method	Control tempera-ture (°C)	Emergency tempera-ture (°C)	UN generic entry	Remarks
2,5-DIETHOXY-4-MORPHOLINO-BENZENEDIAZONIUM ZINC CHLORIDE	67-100	OP7	+35	+40	3236	
2,5-DIETHOXY-4-MORPHOLINO-BENZENEDIAZONIUM ZINC CHLORIDE	66	OP7	+40	+45	3236	
2,5-DIETHOXY-4-MORPHOLINO-BENZENEDIAZONIUM TETRAFLUOROBORATE	100	OP7	+30	+35	3236	
2,5-DIETHOXY-4-(PHENYLSULPHONYL)-BENZENEDIAZONIUM ZINC CHLORIDE	67	OP7	+40	+45	3236	
DIETHYLENEGLYCOL BIS (ALLYL CARBONATE) + DI-ISOPROPYLPEROXYDICARBONATE	> 88 + < 12	OP8	-10	0	3237	
2,5-DIMETHOXY-4-(4-METHYL-PHENYLSULPHONYL)BENZENE-DIAZONIUM ZINC CHLORIDE	79	OP7	+40	+45	3236	
4-DIMETHYLAMINO-6-(2-DIMETHYL-AMINOETHOXY) TOLUENE-2-DIAZONIUM ZINC CHLORIDE	100	OP7	+40	+45	3236	
N,N'-DINITROSO-N,N'- DIMETHYL TEREPHTHALAMIDE, as a paste	72	OP6			3224	
N,N'-DINITROSOPENTAMETHYLENE-TETRAMINE	82	OP6			3224	(7)
DIPHENYLOXIDE-4,4'-DI-SULPHOHYDRAZIDE	100	OP7			3226	
4-DIPROPYLAMINOBENZENE-DIAZONIUM ZINC CHLORIDE	100	OP7			3226	
2-(N,N-ETHOXYCARBONYL-PHENYLAMINO)-3-METHOXY-4-(N-METHYL-N-CYCLOHEXYLAMINO) BENZENEDIAZONIUM ZINC CHLORIDE	63-92	OP7	+ 40	+ 45	3236	
2-(N,N-ETHOXYCARBONYL-PHENYLAMINO)-3-METHOXY-4-(N-METHYL-N-CYCLOHEXYLAMINO) BENZENEDIAZONIUM ZINC CHLORIDE	62	OP7	+ 35	+ 40	3236	
N-FORMYL-2-(NITROMETHYLENE) -1,3-PERHYDROTHIAZINE	100	OP7	+45	+50	3236	
2-(2-HYDROXYETHOXY)-1-(PYRROLIDIN-1-YL)BENZENE-4-DIAZONIUM ZINC CHLORIDE	100	OP7	+ 45	+ 50	3236	

2.2.41.4 ***List of self-reactive substances (cont'd)***

SELF-REACTIVE SUBSTANCE	Concen-tration (%)	Packing method	Control temper-ature (°C)	Emergency temper-ature (°C)	UN generic entry	Remarks
3-(2-HYDROXYETHOXY)-4-(PYRROLIDIN-1-YL)BENZENE DIAZONIUM ZINC CHLORIDE	100	Op7	+40	+45	3236	
2-(N,N-METHYLAMINOETHYL-CARBONYL)-4-(3,4-DIMETHYL-PHENYLSULPHONYL) BENZENE-DIAZONIUM HYDROGEN SULPHATE	96	OP7	+45	+50	3236	
4-METHYLBENZENESULPHONYL-HYDRAZIDE	100	OP7			3226	
3-METHYL-4-(PYRROLIDIN-1-YL) BENZENEDIAZONIUM TETRAFLUOROBORATE	95	OP6	+45	+50	3234	
4-NITROSOPHENOL	100	OP7	+35	+40	3236	
SELF-REACTIVE LIQUID, SAMPLE		OP2			3223	(8)
SELF-REACTIVE LIQUID, SAMPLE, TEMPERATURE CONTROLLED		OP2			3233	(8)
SELF-REACTIVE SOLID, SAMPLE		OP2			3224	(8)
SELF-REACTIVE SOLID, SAMPLE, TEMPERATURE CONTROLLED		OP2			3234	(8)
SODIUM 2-DIAZO-1-NAPHTHOL-4-SULPHONATE	100	OP7			3226	
SODIUM 2-DIAZO-1-NAPHTHOL-5-SULPHONATE	100	OP7			3226	
TETRAMINE PALLADIUM (II) NITRATE	100	OP6	+30	+35	3234	

Remarks

(1) Azodicarbonamide formulations which fulfil the criteria of paragraph 20.4.2 (b) of the Manual of Tests and Criteria. The control and emergency temperatures shall be determined by the procedure given in 2.2.41.1.17.

(2) "EXPLOSIVE" subsidiary risk label required (Model No. 1, see 5.2.2.2.2).

(3) Azodicarbonamide formulations which fulfil the criteria of paragraph 20.4.2 (c) of the Manual of Tests and Criteria.

(4) Azodicarbonamide formulations which fulfil the criteria of paragraph 20.4.2 (c) of the Manual of Tests and Criteria. The control and emergency temperatures shall be determined by the procedure given in 2.2.41.1.17.

(5) Azodicarbonamide formulations which fulfil the criteria of paragraph 20.4.2 (d) of the Manual of Tests and Criteria.

(6) Azodicarbonamide formulations which fulfil the criteria of paragraph 20.4.2 (d) of the Manual of Tests and Criteria. The control and emergency temperatures shall be determined by the procedure given in 2.2.41.1.17.

(7) With a compatible diluent having a boiling point of not less than 150 °C.

(8) See 2.2.41.1.16.

2.2.42 Class 4.2 Substances liable to spontaneous combustion

2.2.42.1 *Criteria*

2.2.42.1.1 The heading of Class 4.2 covers:

- *Pyrophoric substances* which are substances, including mixtures and solutions (liquid or solid), which even in small quantities ignite on contact with air within five minutes. These are the Class 4.2 substances the most liable to spontaneous combustion; and

- *Self-heating substances and articles* which are substances and articles, including mixtures and solutions, which, on contact with air, without energy supply, are liable to self-heating. These substances will ignite only in large amounts (kilogrammes) and after long periods of time (hours or days).

2.2.42.1.2 The substances and articles of Class 4.2 are subdivided as follows:

S Substances liable to spontaneous combustion, without subsidiary risk:

S1 Organic, liquid;
S2 Organic, solid;
S3 Inorganic, liquid;
S4 Inorganic, solid;

SW Substances liable to spontaneous combustion, which, in contact with water, emit flammable gases;

SO Substances liable to spontaneous combustion, oxidizing;

ST Substances liable to spontaneous combustion, toxic:

ST1 Organic, toxic, liquid;
ST2 Organic, toxic, solid;
ST3 Inorganic, toxic, liquid;
ST4 Inorganic, toxic, solid;

SC Substances liable to spontaneous combustion, corrosive:

SC1 Organic, corrosive, liquid;
SC2 Organic, corrosive, solid;
SC3 Inorganic, corrosive, liquid;
SC4 Inorganic, corrosive, solid.

Properties

2.2.42.1.3 Self-heating of these substances, leading to spontaneous combustion, is caused by reaction of the substance with oxygen (in the air) and the heat developed not being conducted away rapidly enough to the surroundings. Spontaneous combustion occurs when the rate of heat production exceeds the rate of heat loss and the auto-ignition temperature is reached.

Classification

2.2.42.1.4 Substances and articles classified in Class 4.2 are listed in Table A of Chapter 3.2. The assignment of substances and articles not mentioned by name in Table A of Chapter 3.2 to the the relevant specific N.O.S. entry of 2.2.42.3 in accordance with the provisions of Chapter 2.1 can be based on experience or the results of the test procedures in accordance with the Manual of Tests and Criteria, Part III, Section 33.3. Assignment to general N.O.S. entries of Class 4.2 shall be based on the results of the test procedures in accordance with the Manual of Tests and Criteria, Part III, section 33.3; experience shall also be taken into account when it leads to a more stringent assignment.

2.2.42.1.5 When substances or articles not mentioned by name are assigned to one of the entries listed in 2.2.42.3 on the basis of the test procedures in accordance with the Manual of Tests and Criteria, Part III, section 33.3, the following criteria shall apply:

(a) Solids liable to spontaneous combustion (pyrophoric) shall be assigned to Class 4.2 when they ignite on falling from a height of 1 m or within five minutes;

(b) Liquids liable to spontaneous combustion (pyrophoric) shall be assigned to Class 4.2 when:

(i) on being poured on an inert carrier, they ignite within five minutes, or

(ii) in the event of a negative result of the test according to (i), when poured on a dry, indented filter paper (Whatman No. 3 filter), they ignite or carbonize it within five minutes;

(c) Substances in which, in a 10 cm sample cube, at 140 °C test temperature, spontaneous combustion or a rise in temperature to over 200 °C is observed within 24 hours shall be assigned to Class 4.2. This criterion is based on the temperature of the spontaneous combustion of charcoal, which is at 50 °C for a sample cube of 27 m^3. Substances with a temperature of spontaneous combustion higher than 50 °C for a volume of 27 m^3 are not to be assigned to Class 4.2.

NOTE 1*: Substances carried in packages with a volume of not more than 3 m^3 are exempted from Class 4.2 if, tested with a 10 cm sample cube at 120 °C, no spontaneous combustion nor a rise in temperature to over 180 °C is observed within 24 hours.*

NOTE 2: *Substances carried in packages with a volume of not more than 450 litres are exempted from Class 4.2 if, tested with a 10 cm sample cube at 100 °C, no spontaneous combustion nor a rise in temperature to over 160 °C is observed within 24 hours.*

2.2.42.1.6 If substances of Class 4.2, as a result of admixtures, come into different categories of risk from those to which the substances mentioned by name in Table A of Chapter 3.2 belong, these mixtures shall be assigned to the entries to which they belong on the basis of their actual degree of danger.

NOTE*: For the classification of solutions and mixtures (such as preparations and wastes), see also 2.1.3.*

2.2.42.1.7 On the basis of the test procedure in the Manual of Tests and Criteria, Part III, section 33.3 and the criteria set out in 2.2.42.1.5, it may also be determined whether the nature of a substance mentioned by name is such that the substance is not subject to the provisions for this Class.

Assignment of packing groups

2.2.42.1.8 Substances and articles classified under the various entries in Table A of Chapter 3.2 shall be assigned to packing groups I, II or III on the basis of test procedures of the Manual of Tests and Criteria, Part III, section 33.3, in accordance with the following criteria:

(a) Substances liable to spontaneous combustion (pyrophoric) shall be assigned to packing group I;

(b) Self-heating substances and articles in which, in a 2.5 cm sample cube, at 140 °C test temperature, spontaneous combustion or a rise in temperature to over 200 °C is observed within 24 hours, shall be assigned to packing group II;
Substances with a temperature of spontaneous combustion higher than 50 °C for a volume of 450 litres are not to be assigned to packing group II;

(c) Slightly self-heating substances in which, in a 2.5 cm sample cube, the phenomena referred to under (b) are not observed, in the given conditions, but in which in a 10 cm sample cube at 140 °C test temperature spontaneous combustion or a rise in temperature to over 200 °C is observed within 24 hours, shall be assigned to packing group III.

2.2.42.2 *Substances not accepted for carriage*

The following substances shall not be accepted for carriage:

- UN No. 3255 tert-BUTYL HYPOCHLORITE; and

- Self-heating solids, oxidizing, assigned to UN No. 3127 unless they meet the requirements for Class 1 (see 2.1.3.7).

2.2.42.3 *List of collective entries*

Substances liable to spontaneous combustion		**liquid**	**S1**	2845	PYROPHORIC LIQUID, ORGANIC, N.O.S.
				3183	SELF-HEATING LIQUID, ORGANIC, N.O.S.
Without subsidiary risk **S**	**organic**	**solid**	**S2**	1373	FIBRES or FABRICS, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S. with oil
				2006	PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING, N.O.S.
				3313	ORGANIC PIGMENTS, SELF HEATING
				2846	PYROPHORIC SOLID, ORGANIC, N.O.S.
				3088	SELF-HEATING SOLID, ORGANIC, N.O.S.
	inorganic	**liquid**	**S3**	3194	PYROPHORIC LIQUID, INORGANIC, N.O.S.
				3186	SELF-HEATING LIQUID, INORGANIC, N.O.S.
		solid	**S4**	1383	PYROPHORIC METAL, N.O.S. or
				1383	PYROPHORIC ALLOY, N.O.S.
				1378	METAL CATALYST, WETTED with a visible excess of liquid
				2881	METAL CATALYST, DRY
				3189 [a]	METAL POWDER, SELF-HEATING, N.O.S.
				3205	ALKALINE EARTH METAL ALCOHOLATES, N.O.S.
				3200	PYROPHORIC SOLID, INORGANIC, N.O.S.
				3190	SELF-HEATING SOLID, INORGANIC, N.O.S.
Water-reactive			**SW**	2445	LITHIUM ALKYLS
				3051	ALUMINIUM ALKYLS
				3052	ALUMINIUM ALKYL HALIDES, LIQUID or
				3052	ALUMINIUM ALKYL HALIDES, SOLID
				3053	MAGNESIUM ALKYLS
				3076	ALUMINIUM ALKYL HYDRIDES
				2003	METAL ALKYLS, WATER-REACTIVE, N.O.S. or
				2003	METAL ARYLS, WATER-REACTIVE, N.O.S.
				3049	METAL ALKYL HALIDES, WATER-REACTIVE, N.O.S. or
				3049	METAL ARYL HALIDES, WATER-REACTIVE, N.O.S.
				3050 [b,c]	METAL ALKYL HYDRIDES, WATER-REACTIVE, N.O.S. or
				3050 [b,c]	METAL ARYL HYDRIDES, WATER-REACTIVE, N.O.S.
				3203 [d]	PYROPHORIC ORGANOMETALLIC COMPOUND, WATER-REACTIVE, N.O.S., liquid or
				3203 [d]	PYROPHORIC ORGANOMETALLIC COMPOUND, WATER-REACTIVE, N.O.S., solid
Oxidizing			**SO**	3127	SELF-HEATING SOLID, OXIDIZING, N.O.S. (not allowed, see 2.2.42.2)
Toxic **ST**	**organic**	**liquid**	**ST1**	3184	SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.
		solid	**ST2**	3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.
	inorganic	**liquid**	**ST3**	3187	SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.
		solid	**ST4**	3191	SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.
Corrosive **SC**	**organic**	**liquid**	**SC1**	3185	SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.
		solid	**SC2**	3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.
	inorganic	**liquid**	**SC3**	3188	SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.
		solid	**SC4**	3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.
				3192	SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.

NOTES:

[a] *Dust and powder of metals, non toxic in a non-spontaneous combustible form which nevertheless, in contact with water, emit flammable gases, are substances of Class 4.3.*

[b] *Metal hydrides other than UN No. 2870 in flammable form are substances of Class 4.1.*

[c] *Metal hydrides which, in contact with water, emit flammable gases, are substances of Class 4.3.*

[d] *Flammable solutions with organometallic compounds which are not liable to spontaneous combustion and, in contact with water, do not emit fammable gases, are substances of Class 3. Organometallic compounds and their solutions which are liable to spontaneous combustion but, in contact with water, emit flammable gases, are substances of Class 4.3.*

2.2.43 Class 4.3 Substances which, in contact with water, emit flammable gases

2.2.43.1 *Criteria*

2.2.43.1.1 The heading of Class 4.3 covers substances which react with water to emit flammable gases liable to form explosive mixtures with air, and articles containing such substances.

2.2.43.1.2 Substances and articles of Class 4.3 are subdivided as follows:

W Substances which, in contact with water, emit flammable gases, without subsidiary risk, and articles containing such substances:

W1 Liquid;
W2 Solid;
W3 Articles;

WF1 Substances which, in contact with water, emit flammable gases, liquid, flammable;

WF2 Substances which, in contact with water, emit flammable gases, solid, flammable;

WS Substances which, in contact with water, emit flammable gases, solid, self-heating;

WO Substances which, in contact with water, emit flammable gases, oxidizing, solid;

WT Substances which, in contact with water, emit flammable gases, toxic:

WT1 Liquid;
WT2 Solid;

WC Substances which, in contact with water, emit flammable gases, corrosive:

WC1 Liquid;
WC2 Solid;

WFC Substances which, in contact with water, emit flammable gases, flammable, corrosive.

Properties

2.2.43.1.3 Certain substances in contact with water may emit flammable gases that can form explosive mixtures with air. Such mixtures are easily ignited by all ordinary sources of ignition, for example naked lights, sparking handtools or unprotected light bulbs. The resulting blast wave and flames may endanger people and the environment. The test method referred to in 2.2.43.1.4 below is used to determine whether the reaction of a substance with water leads to the development of a dangerous amount of gases which may be flammable. This test method shall not be applied to pyrophoric substances.

Classification

2.2.43.1.4 Substances and articles classified in Class 4.3 are listed in Table A of Chapter 3.2. The assignment of substances and articles not mentioned by name in Table A of Chapter 3.2 to the relevant entry of 2.2.43.3 in accordance with the provisions of Chapter 2.1 shall be based on the results of the test procedure in accordance with the Manual of Tests and Criteria, Part III, Section 33.4; experience shall also be taken into account when it leads to a more stringent assignment.

2.2.43.1.5 When substances not mentioned by name are assigned to one of the entries listed in 2.2.43.3 on the basis of the test procedure in accordance with the Manual of Tests and Criteria, Part III, Section 33.4, the following criteria shall apply:

A substance shall be assigned to Class 4.3 if:

(a) spontaneous ignition of the gas emitted takes place in any step of the test procedure; or

(b) there is an evolution of flammable gas at a rate greater than 1 litre per kilogramme of the substance to be tested per hour.

2.2.43.1.6 If substances of Class 4.3, as a result of admixtures, come into different categories of risk from those to which the substances mentioned by name in Table A of Chapter 3.2 belong, these mixtures shall be assigned to the entries to which they belong on the basis of their actual degree of danger.

NOTE: *For the classification of solutions and mixtures (such as preparations and wastes) see also 2.1.3.*

2.2.43.1.7 On the basis of the test procedures in accordance with the Manual of Tests and Criteria, Part III, Section 33.4, and the criteria set out in paragraph 2.2.43.1.5, it may also be determined whether the nature of a substance mentioned by name is such that the substance is not subject to the provisions for this Class.

Assignment of packing groups

2.2.43.1.8 Substances and articles classified under the various entries in Table A of Chapter 3.2 shall be assigned to packing groups I, II or III on the basis of test procedures of the Manual of Tests and Criteria, Part III, section 33.4, in accordance with the following criteria:

(a) Packing group I shall be assigned to any substance which reacts vigorously with water at ambient temperature and generally demonstrates a tendency for the gas produced to ignite spontaneously, or one which reacts readily with water at ambient temperatures such that the rate of evolution of flammable gas is equal to or greater than 10 litres per kilogramme of substance over any one minute period;

(b) Packing group II shall be assigned to any substance which reacts readily with water at ambient temperature such that the maximum rate of evolution of flammable gas is equal to or greater than 20 litres per kilogramme of substance per hour, and which does not meet the criteria of packing group I;

(c) Packing group III shall be assigned to any substance which reacts slowly with water at ambient temperature such that the maximum rate of evolution of flammable gas is greater than 1 litre per kilogramme of substance per hour, and which does not meet the criteria of packing groups I or II.

2.2.43.2 ***Substances not accepted for carriage***

Water-reactive solids, flammable, assigned to UN No. 3132, water-reactive solids, oxidizing, assigned to UN No. 3133 and water-reactive solids, self-heating, assigned to UN No.3135 shall not be accepted for carriage unless they meet the requirements for Class 1 (see also 2.1.3.7).

2.2.43.3 List of collective entries

Substances which, in contact with water, emit flammable gases	**liquid**	**W1**	1391 ALKALI METAL DISPERSION or 1391 ALKALINE EARTH METAL DISPERSION 1421 ALKALI METAL ALLOY, LIQUID, N.O.S. 3148 WATER-REACTIVE LIQUID, N.O.S.
Without subsidiary risk **W**	**solid**	**W2** [a]	1389 ALKALI METAL AMALGAM 1390 ALKALI METAL AMIDES 1392 ALKALINE EARTH METAL AMALGAM 1393 ALKALINE EARTH METAL ALLOY, N.O.S. 1409 METAL HYDRIDES, WATER-REACTIVE, N.O.S. 3170 ALUMINIUM SMELTING BY-PRODUCTS or 3170 ALUMINIUM REMELTING BY-PRODUCTS 3208 METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S. 2813 WATER-REACTIVE SOLID, N.O.S.
	articles	**W3**	3292 BATTERIES, CONTAINING SODIUM or 3292 CELLS, CONTAINING SODIUM
Liquid, flammable		**WF1** [b]	3207 ORGANOMETALLIC COMPOUND, WATER-REACTIVE, FLAMMABLE, N.O.S., or 3207 ORGANOMETALLIC COMPOUND SOLUTION , WATER-REACTIVE, FLAMMABLE, N.O.S. or 3207 ORGANOMETALLIC COMPOUND DISPERSION, WATER-REACTIVE, FLAMMABLE, N.O.S.
Solid, flammable		**WF2**	3132 WATER-REACTIVE SOLID, FLAMMABLE, N.O.S. (not allowed, see 2.2.43.2)
Solid, self-heating		**WS** [c]	3209 METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S. 3135 WATER-REACTIVE SOLID, SELF-HEATING, N.O.S. (not allowed, see 2.2.43.2)
Solid, oxidizing		**WO**	3133 WATER-REACTIVE SOLID, OXIDIZING, N.O.S. (not allowed, see 2.2.43.2)
Toxic **WT**	**liquid**	**WT1**	3130 WATER-REACTIVE LIQUID, TOXIC, N.O.S.
	solid	**WT2**	3134 WATER-REACTIVE SOLID, TOXIC, N.O.S.
Corrosive **WC**	**liquid**	**WC1**	3129 WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.
	solid	**WC2**	3131 WATER-REACTIVE SOLID, CORROSIVE, N.O.S.
Flammable, corrosive		**WFC** [d]	2988 CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE, NO.S. (No other collective entry with this classification code available, if need be, classification under a collective entry with a classification code to be determined according to the table of precedence of hazard in 2.1.3.9.)

[a] *Metals and metal alloys which, in contact with water, do not emit flammable gases and are not pyrophoric or self-heating, but which are readily flammable, are substances of Class 4.1. Alkaline-earth metals and alkaline-earth metal alloys in pyrophoric form are substances of Class 4.2 Dust and powders of metals in pyrophoric form are substances of Class 4.2. Metals and metal alloys in pyrophoric form are substances of Class 4.2. Compounds of phosphorus with heavy metals such as iron, copper, etc. are not subject to the provisions of ADR*

[b] *Flammable solutions with organometallic compounds in concentrations which, in contact with water, neither emit flammable gases in dangerous quantities, or ignite spontaneously, are substances of Class 3. Organometallic compounds and their solutions, which ignite spontaneously, are substances of Class 4.2.*

[c] *Metals and metal alloys in pyrophoric form are substances of Class 4.2.*

[d] *Chlorosilanes, having a flash-point of less than 23 °C and which, in contact with water, do not emit flammable gases, are substances of Class 3. Chlorosilanes, having a flash-point equal to or greater than 23 °C and which, in contact with water, do not emit flammable gases, are substances of Class 8.*

2.2.51 Class 5.1 Oxidizing substances

2.2.51.1 *Criteria*

2.2.51.1.1 The heading of Class 5.1 covers substances which, while in themselves not necessarily combustible, may, generally by yielding oxygen, cause or contribute to the combustion of other material, and articles containing such substances.

2.2.51.1.2 The substances of Class 5.1 and articles containing such substances are subdivided as follows:

O Oxidizing substances without subsidiary risk or articles containing such substances:

- O1 Liquid;
- O2 Solid;
- O3 Articles;

OF Oxidizing substances, solid, flammable;

OS Oxidizing substances, solid, self-heating;

OW Oxidizing substances, solid which, in contact with water, emit flammable gases;

OT Oxidizing substances, toxic:

- OT1 Liquid;
- OT2 Solid;

OC Oxidizing substances, corrosive:

- OC1 Liquid;
- OC2 Solid;

OTC Oxidizing substances, toxic, corrosive.

2.2.51.1.3 Substances and articles classified in Class 5.1 are listed in Table A of Chapter 3.2. The assignment of substances and articles not mentioned by name in Table A of Chapter 3.2 to the relevant entry of 2.2.51.3 in accordance with the provisions of Chapter 2.1 can be based on the tests, methods and criteria in paragraphs 2.2.51.1.6-2.2.51.1.9 below and the Manual of Tests and Criteria, Part III, Section 34.4. In the event of divergence between test results and known experience, judgement based on known experience shall take precedence over test results.

2.2.51.1.4 If substances of Class 5.1, as a result of admixtures, come into different categories of risk from those to which the substances mentioned by name in Table A of Chapter 3.2 belong, these mixtures or solutions shall be assigned to the entries to which they belong on the basis of their actual degree of danger.

NOTE: *For the classification of solutions and mixtures (such as preparations and wastes), see also Section 2.1.3.*

2.2.51.1.5 On the basis of the test procedures in the Manual of Tests and Criteria, Part III, Section 34.4. and the criteria set out in 2.2.51.1.6-2.2.51.1.9 it may also be determined whether the nature of a substance mentioned by name in Table A of Chapter 3.2 is such that the substance is not subject to the provisions for this class.

Oxidizing solids

Classification

2.2.51.1.6 When oxidizing solid substances not mentioned by name in Table A of Chapter 3.2 are assigned to one of the entries listed in 2.2.51.3 on the basis of the test procedure in accordance with the Manual of Tests and Criteria, Part III, sub-section 34.4.1, the following criteria shall apply:

A solid substance shall be assigned to Class 5.1 if, in the 4:1 or the 1:1 sample-to-cellulose ratio (by mass) tested, it ignites or burns or exhibits mean burning times equal to or less than that of a 3:7 mixture (by mass) of potassium bromate and cellulose.

Assignment of packing groups

2.2.51.1.7 Oxidizing solids classified under the various entries in Table A of Chapter 3.2 shall be assigned to packing groups I, II or III on the basis of test procedures of the Manual of Tests and Criteria, Part III, sub-section 34.4.1, in accordance with the following criteria:

(a) Packing group I: any substance which, in the 4:1 or 1:1 sample-to-cellulose ratio (by mass) tested, exhibits a mean burning time less than the mean burning time of a 3:2 mixture, by mass, of potassium bromate and cellulose;

(b) Packing group II: any substance which, in the 4:1 or 1:1 sample-to-cellulose ratio (by mass) tested, exhibits a mean burning time equal to or less than the mean burning time of a 2:3 mixture (by mass) of potassium bromate and cellulose and the criteria for packing group I are not met;

(c) Packing group III: any substance which, in the 4:1 or 1:1 sample-to-cellulose ratio (by mass) tested, exhibits a mean burning time equal to or less than the mean burning time of a 3:7 mixture (by mass) of potassium bromate and cellulose and the criteria for packing groups I and II are not met.

Oxidizing liquids

Classification

2.2.51.1.8 When oxidizing liquid substances not mentioned by name in Table A of Chapter 3.2 are assigned to one of the entries listed in sub-section 2.2.51.3 on the basis of the test procedure in accordance with the Manual of Tests and Criteria, Part III, sub-section 34.4.2, the following criteria shall apply:

A liquid substance shall be assigned to Class 5.1 if, in the 1:1 mixture, by mass, of substance and cellulose tested, it exhibits a pressure rise of 2070 kPa gauge or more and a mean pressure rise time equal to or less than the mean pressure rise time of a 1:1 mixture, by mass, of 65% aqueous nitric acid and cellulose.

Assignment of packing groups

2.2.51.1.9 Oxidizing liquids classified under the various entries in Table A of Chapter 3.2 shall be assigned to packing groups I, II or III on the basis of test procedures of the Manual of Tests and Criteria, Part III, section 34.4.2, in accordance with the following criteria:

(a) Packing group I: any substance which, in the 1:1 mixture, by mass, of substance and cellulose tested, spontaneously ignites; or the mean pressure rise time of a 1:1 mixture, by mass, of substance and cellulose is less than that of a 1:1 mixture, by mass, of 50% perchloric acid and cellulose;

(b) Packing group II: any substance which, in the 1:1 mixture, by mass, of substance and cellulose tested, exhibits a mean pressure rise time less than or equal to the mean pressure rise time of a 1:1 mixture, by mass, of 40% aqueous sodium chlorate solution and cellulose; and the criteria for packing group I are not met;

(c) Packing group III: any substance which, in the 1:1 mixture, by mass, of substance and cellulose tested, exhibits a mean pressure rise time less than or equal to the mean pressure rise time of a 1:1 mixture, by mass, of 65% aqueous nitric acid and cellulose; and the criteria for packing groups I and II are not met.

2.2.51.2 ***Substances not accepted for carriage***

2.2.51.2.1 The chemically unstable substances of Class 5.1 shall not be accepted for carriage unless the necessary steps have been taken to prevent their dangerous decomposition or polymerization during carriage. To this end it shall in particular be ensured that receptacles do not contain any material liable to promote these reactions.

2.2.51.2.2 The following substances and mixtures shall not be accepted for carriage:

- oxidizing solids, self-heating, assigned to UN No. 3100, oxidizing solids, water-reactive, assigned to UN No. 3121 and oxidizing solids, flammable, assigned to UN No. 3137, unless they meet the requirements for Class 1 (see also 2.1.3.7);

- hydrogen peroxide, not stabilized or hydrogen peroxide, aqueous solutions, not stabilized containing more than 60 % hydrogen peroxide;

- tetranitromethane not free from combustible impurities;

- perchloric acid solutions containing more than 72 % (mass) acid, or mixtures of perchloric acid with any liquid other than water;

- chloric acid solution containing more than 10 % chloric acid or mixtures of chloric acid with any liquid other than water;

- halogenated fluor compounds other than UN Nos. 1745 BROMINE PENTAFLUORIDE; 1746 BROMINE TRIFLUORIDE and 2495 IODINE PENTAFLUORIDE of Class 5.1 as well as UN Nos. 1749 CHLORINE TRIFLUORIDE and 2548 CHLORINE PENTAFLUORIDE of Class 2;

- ammonium chlorate and its aqueous solutions and mixtures of a chlorate with an ammonium salt*;*

- ammonium chlorite and its aqueous solutions and mixtures of a chlorite with an ammonium salt;

- mixtures of a hypochlorite with an ammonium salt;

- ammonium bromate and its aqueous solutions and mixtures of a bromate with an ammonium salt;

- ammonium permanganate and its aqueous solutions and mixtures of a permanganate with an ammonium salt;

- ammonium nitrate containing more than 0.2 % combustible substances (including any organic substance calculated as carbon) unless it is a constituent of a substance or article of Class 1;

- fertilizers having an ammonium nitrate content (in determining the ammonium nitrate content, all nitrate ions for which a molecular equivalent of ammonium ions is present in the mixture shall be calculated as ammonium nitrate) or a content in combustible substances exceeding the values specified for the various AMMONIUM NITRATE FERTILIZER grades listed under UN Nos. 2067 to 2070 except under the conditions applicable to Class 1;

- ammonium nitrate fertilizers which are assigned to the collective entry UN No. 2072 AMMONIUM NITRATE FERTILIZER, N.O.S.;

- ammonium nitrite and its aqueous solutions and mixtures of an inorganic nitrite with an ammonium salt;

- mixtures of potassium nitrate, sodium nitrite and an ammonium salt.

2.2.51.3 *List of collective entries*

Oxidizing substances	**liquid**	**O1**	3210 CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S. 3211 PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S. 3213 BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S. 3214 PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S. 3216 PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S. 3218 NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S. 3219 NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S. 3139 OXIDIZING LIQUID, N.O.S.
Without subsidiary risk **O**	**solid**	**O2**	1450 BROMATES, INORGANIC, N.O.S 1461 CHLORATES, INORGANIC, N.O.S. 1462 CHLORITES, INORGANIC, N.O.S. 1477 NITRATES, INORGANIC, N.O.S 1481 PERCHLORATES, INORGANIC, N.O.S. 1482 PERMANGANATES, INORGANIC, N.O.S. 1483 PEROXIDES, INORGANIC, N.O.S 2072 AMMONIUM NITRATE FERTILIZER, N.O.S. ***NOTE**: not to be accepted for carriage. See however UN Nos. 2067, 2068, 2069 and 2070.* 2627 NITRITES, INORGANIC, N.O.S. 3212 HYPOCHLORITES, INORGANIC, N.O.S. 3215 PERSULPHATES, INORGANIC, N.O.S. 1479 OXIDIZING SOLID, N.O.S.
	articles	**O3**	3356 OXYGEN GENERATOR, CHEMICAL
Solid, flammable		**OF**	3137 OXIDIZING SOLID, FLAMMABLE, N.O.S. (not allowed, see 2.2.51.2)
Solid, self-heating		**OS**	3100 OXIDIZING SOLID, SELF-HEATING, N.O.S. (not allowed, see 2.2.51.2)
Solid, water reactive		**OW**	3121 OXIDIZING SOLID, WATER REACTIVE, N.O.S. (not allowed, see 2.2.51.2)
Toxic **OT**	**liquid**	**OT1**	3099 OXIDIZING LIQUID, TOXIC, N.O.S.
	solid	**OT2**	3087 OXIDIZING SOLID, TOXIC, N.O.S.
Corrosive **OC**	**liquid**	**OC1**	3098 OXIDIZING LIQUID, CORROSIVE, N.O.S.
	solid	**OC2**	3085 OXIDIZING SOLID, CORROSIVE, N.O.S.
Toxic, corrosive		**OTC**	(No collective entry with this classification code available; if need be, classification under a collective entry with a classification code to be determined according to the table of precedence of hazard in 2.1.3.9.)

2.2.52 Class 5.2 Organic peroxides

2.2.52.1 *Criteria*

2.2.52.1.1 The heading of Class 5.2 covers organic peroxides and formulations of organic peroxides.

2.2.52.1.2 The substances of Class 5.2 are subdivided as follows:

P1 Organic peroxides, not requiring temperature control;
P2 Organic peroxides, requiring temperature control.

Definition

2.2.52.1.3 *Organic peroxides* are organic substances which contain the bivalent -O-O- structure and may be considered derivatives of hydrogen peroxide, where one or both of the hydrogen atoms have been replaced by organic radicals.

Properties

2.2.52.1.4 Organic peroxides are liable to exothermic decomposition at normal or elevated temperatures. The decomposition can be initiated by heat, contact with impurities (e.g. acids, heavy-metal compounds, amines), friction or impact. The rate of decomposition increases with temperature and varies with the organic peroxide formulation. Decomposition may result in the evolution of harmful, or flammable, gases or vapours. For certain organic peroxides the temperature shall be controlled during carriage. Some organic peroxides may decompose explosively, particularly if confined. This characteristic may be modified by the addition of diluents or by the use of appropriate packagings. Many organic peroxides burn vigorously. Contact of organic peroxides with the eyes is to be avoided. Some organic peroxides will cause serious injury to the cornea, even after brief contact, or will be corrosive to the skin.

***NOTE**: Test methods for determining the flammability of organic peroxides are set out in the Manual of Tests and Criteria, Part III, sub-section 32.4. Because organic peroxides may react vigorously when heated, it is recommended to determine their flash-point using small sample sizes such as described in ISO 3679:1983.*

Classification

2.2.52.1.5 Any organic peroxide shall be considered for classification in Class 5.2 unless the organic peroxide formulation contains:

(a) Not more than 1.0 % available oxygen from the organic peroxides when containing not more than 1.0 % hydrogen peroxide;

(b) Not more than 0.5 % available oxygen from the organic peroxides when containing more than 1.0 % but not more than 7.0 % hydrogen peroxide.

***NOTE:** The available oxygen content (%) of an organic peroxide formulation is given by the formula*

$$16 \times S\,(n_i \times c_i / m_i)$$

where:

n_i = *number of peroxygen groups per molecule of organic peroxide i;*
c_i = *concentration (mass %) of organic peroxide i; and*
m_i = *molecular mass of organic peroxide i.*

2.2.52.1.6 Organic peroxides are classified into seven types according to the degree of danger they present. The types of organic peroxide range from type A, which is not accepted for carriage in the packaging in which it is tested, to type G, which is not subject to the provisions of Class 5.2. The classification of types B to F is directly related to the maximum quantity allowed in one packaging. The principles to be applied to the classification of substances not listed in 2.2.52.4 are set out in the Manual of Tests and Criteria, Part II.

2.2.52.1.7 Organic peroxides and formulations of organic peroxides which have already been classified and assigned to the appropriate generic entry are listed in 2.2.52.4 together with the applicable UN number, packing method and where appropriate, control and emergency temperatures.

These generic entries specify:

- the type (B to F) of organic peroxide (see 2.2.52.1.6 above);
- physical state (liquid/solid); and
- temperature control (when required), see 2.2.52.1.15 to 2.2.52.1.18.

Mixtures of these formulations may be classified as the same type of organic peroxide as that of the most dangerous component and be carried under the conditions of carriage given for this type. However, as two stable components can form a thermally less stable mixture, the self-accelerating decomposition temperature (SADT) of the mixture shall be determined and, if necessary, the control and emergency temperatures derived from the SADT in accordance paragraph 2.2.52.1.16.

2.2.52.1.8 Classification of organic peroxides, formulations or mixtures of organic peroxides not listed in 2.2.52.4 and assignment to a collective entry shall be made by the competent authority of the country of origin. The statement of approval shall contain the classification and the relevant conditions of carriage. If the country of origin is not a Contracting Party to ADR, the classification and conditions of carriage shall be recognized by the competent authority of the first country Contracting Party to ADR reached by the consignment.

2.2.52.1.9 Samples of organic peroxides or formulations of organic peroxides not listed in 2.2.52.4, for which a complete set of test results is not available and which are to be carried for further testing or evaluation, shall be assigned to one of the appropriate entries for organic peroxides type C provided the following conditions are met:

- the available data indicate that the sample would be no more dangerous than organic peroxides type B;
- the sample is packaged in accordance with packing method OP2 and the quantity per transport unit is limited to 10 kg;
- the available data indicate that the control temperature, if any, is sufficiently low to prevent any dangerous decomposition and sufficiently high to prevent any dangerous phase separation.

Desensitization of organic peroxides

2.2.52.1.10 In order to ensure safety during carriage, organic peroxides are in many cases desensitized by organic liquids or solids, inorganic solids or water. Where a percentage of a substance is stipulated, this refers to the percentage by mass, rounded to the nearest whole number. In general, desensitization shall be such that, in case of spillage, the organic peroxide will not concentrate to a dangerous extent.

2.2.52.1.11 Unless otherwise stated for the individual organic peroxide formulation, the following definition(s) shall apply to diluents used for desensitization:

- diluents type A are organic liquids which are compatible with the organic peroxide and which have a boiling point of not less than 150 °C. Type A diluents may be used for desensitizing all organic peroxides.

- diluents type B are organic liquids which are compatible with the organic peroxide and which have a boiling point of less than 150 °C but not less than 60 °C and a flash-point of not less than 5 °C.

Type B diluents may be used for desensitization of all organic peroxides provided that the boiling point of the liquid is at least 60 °C higher than the SADT in a 50 kg package.

2.1.52.1.12 Diluents, other than type A or type B, may be added to organic peroxide formulations as listed in 2.2.52.4 provided that they are compatible. However, replacement of all or part of a type A or type B diluent by another diluent with differing properties requires that the organic peroxide formulation be re-assessed in accordance with the normal acceptance procedure for Class 5.2.

2.2.52.1.13 Water may only be used for the desensitization of organic peroxides which are listed in 2.2.52.4 or in the competent authority decision according to 2.2.52.1.8 as being "with water" or "as a stable dispersion in water". Samples of organic peroxides or formulations of organic peroxides not listed in 2.2.52.4 may also be desensitized with water provided the requirements of 2.2.52.1.9 are met.

2.2.52.1.14 Organic and inorganic solids may be used for desensitization of organic peroxides provided that they are compatible. Compatible liquids and solids are those which have no detrimental influence on the thermal stability and hazard type of the organic peroxide formulation.

Temperature control requirements

2.2.52.1.15 Certain organic peroxides may only be carried under temperature-controlled conditions. The control temperature is the maximum temperature at which the organic peroxide can be safely carried. It is assumed that the temperature of the immediate surroundings of a package only exceeds 55 °C during carriage for a relatively short time in a 24 hour period. In the event of loss of temperature control, it may be necessary to implement emergency procedures. The emergency temperature is the temperature at which such procedures shall be implemented.

2.2.52.1.16 The control and emergency temperatures are derived from the SADT which is defined as the lowest temperature at which self-accelerating decomposition may occur with a substance in the packaging as used during carriage (see Table 1). The SADT shall be determined in order to decide whether a substance shall be subjected to temperature control during carriage. Provisions for the determination of the SADT are given in the Manual of Tests and Criteria, Part II, Sections 20 and 28.4.

Table 1: Derivation of control and emergency temperatures

Type of receptacle	SADT [a]	Control temperature	Emergency temperature
Single packagings and IBCs	20 °C or less	20 °C below SADT	10 °C below SADT
	over 20 °C to 35 °C	15 °C below SADT	10 °C below SADT
	over 35 °C	10 °C below SADT	5 °C below SADT
Tanks	over 50 °C	10 °C below SADT	5 °C below SADT

[a] *SADT of the substance as packaged for carriage.*

2.2.52.1.17 The following organic peroxides shall be subject to temperature control during carriage:

- organic peroxides types B and C with an SADT # 50 °C;
- organic peroxides type D showing a medium effect when heated under confinement with an SADT < 50 °C or showing a low or no effect when heated under confinement with an SADT < 45 °C; and
- organic peroxides types E and F with an SADT < 45 °C.

***NOTE**: Provisions for the determination of the effects of heating under confinement are given in the Manual of Tests and Criteria, Part II, Section 20 and Sub-section 28.4.*

2.2.52.1.18 Where applicable, control and emergency temperatures are listed in 2.2.52.4. The actual temperature during carriage may be lower than the control temperature but shall be selected so as to avoid dangerous separation of phases.

2.2.52.2 *Substances not accepted for carriage*

Organic peroxides, type A, shall not be accepted for carriage under the provisions of Class 5.2 [see Manual of Tests and Criteria, Part II, paragraph 20.4.3 (a)].

2.2.52.3 *List of collective entries*

Organic peroxides

Not requiring temperature control **P1**

	ORGANIC PEROXIDE TYPE A, LIQUID	} Not accepted for carriage, see 2.2.52.2
	ORGANIC PEROXIDE TYPE A, SOLID	
3101	ORGANIC PEROXIDE TYPE B, LIQUID	
3102	ORGANIC PEROXIDE TYPE B, SOLID	
3103	ORGANIC PEROXIDE TYPE C, LIQUID	
3104	ORGANIC PEROXIDE TYPE C, SOLID	
3105	ORGANIC PEROXIDE TYPE D, LIQUID	
3106	ORGANIC PEROXIDE TYPE D, SOLID	
3107	ORGANIC PEROXIDE TYPE E, LIQUID	
3108	ORGANIC PEROXIDE TYPE E, SOLID	
3109	ORGANIC PEROXIDE TYPE F, LIQUID	
3110	ORGANIC PEROXIDE TYPE F, SOLID	
	ORGANIC PEROXIDE TYPE G, LIQUID	Not subject to the provisions applicable to Class 5.2, see 2.2.52.1.6
	ORGANIC PEROXIDE TYPE G, SOLID	}

Requiring temperature control **P2**

3111	ORGANIC PEROXIDE TYPE B, LIQUID, TEMPERATURE CONTROLLED
3112	ORGANIC PEROXIDE TYPE B, SOLID, TEMPERATURE CONTROLLED
3113	ORGANIC PEROXIDE TYPE C, LIQUID, TEMPERATURE CONTROLLED
3114	ORGANIC PEROXIDE TYPE C, SOLID, TEMPERATURE CONTROLLED
3115	ORGANIC PEROXIDE TYPE D, LIQUID, TEMPERATURE CONTROLLED
3116	ORGANIC PEROXIDE TYPE D, SOLID, TEMPERATURE CONTROLLED
3117	ORGANIC PEROXIDE TYPE E, LIQUID, TEMPERATURE CONTROLLED
3118	ORGANIC PEROXIDE TYPE E, SOLID, TEMPERATURE CONTROLLED
3119	ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED
3120	ORGANIC PEROXIDE TYPE F, SOLID, TEMPERATURE CONTROLLED

2.2.52.4 *List of currently assigned organic peroxides*

NOTE: In the following table, in the column "Packing method",

(a) The letters "OP" followed by a figure refer to the packing method (see 4.1.4.1, packing instruction P520 and 4.1.7.1);

(b) The letter "N" indicates that carriage in IBCs is authorized (see 4.1.4.1, packing instruction IBC520 and 4.1.7.2);

(c) The letter "M" indicates that carriage in tanks is authorized (see 4.2.1.13 and 4.2.4.1, portable tank instruction T23; 4.3.2 and 4.3.4.1.3 (e), tank code L4BN for liquids and S4AN for solids).

2.2.52.4 *List of currently assigned organic peroxides (cont'd)*

ORGANIC PEROXIDE	Concen-tration (%)	Diluent type A (%)	Diluent type B (%) 1)	Inert solid (%)	Water (%)	Packing Method	Control Tempera-ture (°C)	Emergency Tempera-ture (°C)	Number (Generic entry)	Subsidiary risks and remarks
ACETYL ACETONE PEROXIDE	< 42	> 48			> 8	OP7			3105	2)
"	< 32 as a paste					OP7			3106	20)
ACETYL BENZOYL PEROXIDE	< 45	> 55				OP7			3105	
ACETYL CYCLOHEXANESULPHONYL PEROXIDE	< 82				>12	OP4	-10	0	3112	3)
"	< 32		> 68			OP7	-10	0	3115	
tert-AMYL HYDROPEROXIDE	< 88	> 6			> 6	OP8			3107	
tert-AMYL PEROXYACETATE	< 62	> 38				OP8			3107	
tert-AMYL PEROXYBENZOATE	< 100					OP5			3103	
tert-AMYL PEROXY-2-ETHYLHEXANOATE	<100					OP7	+20	+25	3115	
tert-AMYL PEROXY-2-ETHYLHEXYL CARBONATE	<100					OP7			3105	
tert-AMYL PEROXYNEODECANOATE	< 77		> 23			OP7	0	+10	3115	
tert-AMYL PEROXYPIVALATE	< 77		> 23			OP5	+10	+15	3113	
tert-AMYLPEROXY-3,5,5-TRIMETHYLHEXANOATE	<100					OP5			3101	3)
tert-BUTYL CUMYL PEROXIDE	> 42 - 100					OP7			3105	
"	< 42			> 58		OP7			3106	
n-BUTYL-4,4-DI-(tert-BUTYLPEROXY)VALERATE	> 52 - 100					OP5			3103	
"	< 52			> 48		OP7			3106	
"	< 42			> 58		OP8			3108	
tert-BUTYL HYDROPEROXIDE	> 79 - 90				> 10	OP5			3103	13)
"	< 80	> 20				OP7			3105	4) 13)
"	< 79				> 14	OP8			3107	13) 23)
"	< 72				> 28	OP8, N, M			3109	13)
tert-BUTYL HYDROPEROXIDE + DI-tert-BUTYLPEROXIDE	< 82 +> 9				> 7	OP5			3103	13)
tert-BUTYL MONOPEROXYMALEATE	> 52 - 100					OP5			3102	3)
"	< 52	> 48				OP6			3103	
"	< 52			> 48		OP8			3108	
"	< 52 as a paste					OP8			3108	
tert-BUTYL MONOPEROXYPHTHALATE	< 100					OP5			3102	3)

2.2.52.4 *List of currently assigned organic peroxides (cont'd)*

ORGANIC PEROXIDE	Concen-tration (%)	Diluent type A (%)	Diluent type B (%) 1)	Inert solid (%)	Water (%)	Packing Method	Control Tempera-ture (°C)	Emergency Tempera-ture (°C)	Number (Generic entry)	Subsidiary risks and remarks
tert-BUTYL PEROXYACETATE	> 52 - 77	> 23				OP5			3101	3)
"	> 32 - 52	> 48				OP6			3103	
"	< 32	> 68				OP8,N			3109	
" (in tanks)	< 32		> 68			M	+30	+35	3119	
"	< 22		> 78			OP8			3109	25)
tert-BUTYL PEROXYBENZOATE	> 77 - 100	< 22				OP5			3103	
"	> 52 - 77	> 23				OP7			3105	
"	< 52			> 48		OP7			3106	
tert-BUTYL PEROXYBUTYL FUMARATE	< 52	> 48				OP7			3105	
tert-BUTYL PEROXYCROTONATE	< 77	> 23				OP7			3105	
tert-BUTYL PEROXYDIETHYLACETATE	<100					OP5	+20	+25	3113	
tert-BUTYL PEROXYDIETHYLACETATE + tert-BUTYL PEROXYBENZOATE	< 33 + < 33	> 33				OP7			3105	
tert-BUTYL PEROXY-2-ETHYLHEXANOATE	> 52 - 100					OP6	+20	+25	3113	
"	> 32 - 52		> 48			OP8	+30	+35	3117	
"	< 52			> 48		OP8	+20	+25	3118	
"	< 32		> 68			OP8	+40	+45	3119	
" (in IBCs)	< 32		> 68			N	+30	+35	3119	
" (in tanks)	< 32		> 68			M	+15	+20	3119	
tert-BUTYL PEROXY-2-ETHYLHEXANOATE + 2,2-DI-(tert-BUTYLPEROXY)BUTANE	< 12 + < 14	>14		> 60		OP7			3106	
"	< 31 + < 36		> 33			OP7	+35	+40	3115	
tert-BUTYL PEROXY-2-ETHYLHEXYLCARBONATE	< 100					OP7			3105	
tert-BUTYL PEROXYISOBUTYRATE	> 52 - 77		> 23			OP5	+15	+20	3111	3)
"	< 52		> 48			OP7	+15	+20	3115	
tert-BUTYLPEROXY ISOPROPYLCARBONATE	< 77	> 23				OP5			3103	
1-(2-tert-BUTYLPEROXY ISOPROPYL)-3-ISOPROPENYLBENZENE	< 77	> 23				OP7			3105	
"	< 42			> 58		OP8			3108	
tert-BUTYL PEROXY-2-METHYLBENZOATE	< 100					OP5			3103	

2.2.52.4 *List of currently assigned organic peroxides (cont'd)*

ORGANIC PEROXIDE	Concen-tration (%)	Diluent type A (%)	Diluent type B (%) 1)	Inert solid (%)	Water (%)	Packing Method	Control Tempera-ture (°C)	Emergency Tempera-ture (°C)	Number (Generic entry)	Subsidiary risks and remarks
tert-BUTYL PEROXYNEODECANOATE	> 77 - 100					OP7	-5	+5	3115	
"	< 77		> 23			OP7	0	+10	3115	
" (in IBCs)	< 42 as a stable dispersion in water					N	-5	+5	3119	
"	< 52 as a stable dispersion in water					OP8	0	+10	3117	
"	< 42 as a stable dispersion in water(frozen)					OP8	0	+10	3118	
"	< 32	> 68				OP8, N	0	+10	3119	
tert-BUTYL PEROXYNEOHEPTANOATE	< 77	> 23				OP7	0	+10	3115	
3-tert-BUTYLPEROXY-3-PHENYLPHTHALIDE	<100					OP7			3106	
tert-BUTYL PEROXYPIVALATE	> 67 - 77	> 23				OP5	0	+10	3113	
"	> 27 - 67		> 33			OP7	0	+10	3115	
"	< 27		> 73			OP8	+30	+35	3119	
" (in IBCs)	< 27		> 73			N	+10	+15	3119	
" (in tanks)	< 27		> 73			M	+5	+10	3119	
tert-BUTYLPEROXY STEARYLCARBONATE	<100					OP7			3106	
tert-BUTYL PEROXY-3,5,5-TRIMETHYLHEXANOATE	> 32 - 100					OP7			3105	
"	< 32	> 68				OP8,N			3109	
" (in tanks)	< 32		> 68			M	+35	+40	3119	
3-CHLOROPEROXYBENZOIC ACID	> 57 - 86			> 14		OP1			3102	3)
"	< 57			> 3	> 40	OP7			3106	
"	< 77			> 6	> 17	OP7			3106	
CUMYL HYDROPEROXIDE	> 90 - 98	< 10				OP8			3107	13)
"	< 90	> 10				OP8, M, N			3109	13) 18)
CUMYL PEROXYNEODECANOATE	< 77		> 23			OP7	-10	0	3115	
"	< 52 as a stable dispersion in water					OP8	-10	0	3119	
" (in IBCs)	< 52 as a stable dispersion in water					N	-15	-5	3119	
CUMYL PEROXYNEOHEPTANOATE	< 77	> 23				OP7	-10	0	3115	
CUMYL PEROXYPIVALATE	< 77		> 23			OP7	-5	+5	3115	
CYCLOHEXANONE PEROXIDE(S)	< 91				> 9	OP6			3104	13)
"	< 72	> 28				OP7			3105	5)
"	< 72 as a paste					OP7			3106	5) 20)
"	< 32			> 68					Exempt	

2.2.52.4 *List of currently assigned organic peroxides (cont'd)*

ORGANIC PEROXIDE	Concen-tration (%)	Diluent type A (%)	Diluent type B (%) 1)	Inert solid (%)	Water (%)	Packing Method	Control Tempera-ture (°C)	Emergency Tempera-ture (°C)	Number (Generic entry)	Subsidiary risks and remarks
DIACETONE ALCOHOL PEROXIDES	< 57		> 26		> 8	OP7	+40	+45	3115	6)
DIACETYL PEROXIDE	< 27		> 73			OP7	+20	+25	3115	7) 13)
DI-tert-AMYL PEROXIDE	< 100					OP8			3107	
1,1-DI-(tert-AMYLPEROXY)CYCLOHEXANE	< 82	> 18				OP6			3103	
DIBENZOYL PEROXIDE	> 51 - 100			< 48		OP2			3102	3)
"	> 77 - 94				> 6	OP4			3102	3)
"	< 77				> 23	OP6			3104	
"	< 62			> 28	> 10	OP7			3106	
"	> 52 - 62 as a paste					OP7			3106	20)
"	> 35 - 52			> 48		OP7			3106	
"	> 36 - 42	> 18			< 40	OP8			3107	
"	> 36 - 42	> 58				OP8			3107	
"	< 56.5 as a paste				>15	OP8			3108	
"	< 52 as a paste					OP8			3108	20)
"	<42 as a stable dispersion in water					OP8, N			3109	
"	< 35			> 65					Exempt	
DIBENZYL PEROXYDICARBONATE	< 87				> 13	OP5	+25	+30	3112	3)
DI-(4-tert-BUTYLCYCLOHEXYL) PEROXYDICARBONATE	< 100					OP6	+30	+35	3114	
"	< 42 as a stable dispersion in water					OP8, N	+30	+35	3119	
DI-tert-BUTYL PEROXIDE	> 32 - 100					OP8			3107	
"	< 52		> 48			OP8, N			3109	25)
"	< 32	> 68				M			3109	
DI-tert-BUTYL PEROXYAZELATE	< 52	> 48				OP7			3105	
2,2-DI-(tert-BUTYLPEROXY)BUTANE	< 52	> 48				OP6			3103	
1,1-DI-(tert-BUTYLPEROXY) CYCLOHEXANE	> 80 - 100					OP5			3101	3)
"	> 52 - 80	> 20				OP5			3103	
"	> 42 - 52	> 48				OP7			3105	
"	< 42	> 13		> 45		OP7			3106	
"	< 27	> 36				OP8			3107	21)
"	< 42	> 58				OP8, N			3109	
"	< 13	> 13	> 74			OP8			3109	

2.2.52.4 *List of currently assigned organic peroxides (cont'd)*

ORGANIC PEROXIDE	Concen-tration (%)	Diluent type A (%)	Diluent type B (%) 1)	Inert solid (%)	Water (%)	Packing Method	Control Tempera-ture (°C)	Emergency Tempera-ture (°C)	Number (Generic entry)	Subsidiary risks and remarks
DI-n-BUTYL PEROXYDICARBONATE	> 27 - 52		> 48			OP7	-15	-5	3115	
"	< 27		> 73			OP8	-10	0	3117	
"	< 42 as a stable dispersion in water (frozen)					OP8	-15	-5	3118	
DI-sec-BUTYL PEROXYDICARBONATE	> 52 - 100					OP4	-20	-10	3113	
"	< 52		> 48			OP7	-15	-5	3115	
DI-(2-tert-BUTYLPEROXYISOPROPYL)BENZENE(S)	> 42 - 100			< 57		OP7			3106	
"	< 42			> 58					Exempt	
DI-(tert-BUTYLPEROXY) PHTHALATE	> 42 - 52	> 48				OP7			3105	
"	< 52 as a paste					OP7			3106	20)
"	< 42	> 58				OP8			3107	
2,2-DI-(tert-BUTYLPEROXY)PROPANE	< 52	> 48				OP7			3105	
"	< 42	> 13		> 45		OP7			3106	
1,1-DI-(tert-BUTYLPEROXY)-3,3,5-TRIMETHYLCYCLOHEXANE	> 90 - 100					OP5			3101	3)
"	> 57 - 90	> 10				OP5			3103	
"	< 77		>23			OP7			3105	
"	< 57			> 43		OP7			3106	
"	< 57	> 43				OP8			3107	
"	< 32	> 26	> 42			OP8			3107	
DICETYL PEROXYDICARBONATE	< 100					OP7	+30	+35	3116	
"	< 42 as a stable dispersion in water					OP8, N	+30	+35	3119	
DI-4-CHLOROBENZOYL PEROXIDE	< 77				> 23	OP5			3102	3)
"	< 52 as a paste					OP7			3106	20)
"	< 32			> 68					Exempt	
DICUMYL PEROXIDE	> 42 - 100			< 57		OP8, M			3110	12)
"	< 52			> 48					Exempt	
DICYCLOHEXYL PEROXYDICARBONATE	> 91 - 100					OP3	+5	+10	3112	3)
"	< 91				> 9	OP5	+5	+10	3114	
DIDECANOYL PEROXIDE	<100					OP6	+30	+35	3114	
2,2-DI-(4,4-DI (tert-BUTYLPEROXY) CYCLOHEXYL) PROPANE	< 42			> 58		OP7			3106	
"	< 22		> 78			OP8			3107	

2.2.52.4 ***List of currently assigned organic peroxides (cont'd)***

ORGANIC PEROXIDE	Concen-tration (%)	Diluent type A (%)	Diluent type B (%) 1)	Inert solid (%)	Water (%)	Packing Method	Control Tempera-ture (°C)	Emergency Tempera-ture (°C)	Number (Generic entry)	Subsidiary risks and remarks
DI-2,4-DICHLOROBENZOYL PEROXIDE	< 77				> 23	OP5			3102	3)
"	< 52 as a paste with silicon oil					OP7			3106	
DI-(2-ETHOXYETHYL) PEROXYDICARBONATE	< 52		> 48			OP7	-10	0	3115	
DI-(2-ETHYLHEXYL) PEROXYDICARBONATE	> 77 - 100					OP5	-20	-10	3113	
"	< 77		> 23			OP7	-15	-5	3115	
"	< 62 as a stable dispersion in water					OP8	-15	-5	3117	
" (in IBCs)	< 52 as a stable dispersion in water					N	-20	-10	3119	
"	< 52 as a stable dispersion in water					OP8	-15	-5	3119	
"	< 42 as a stable dispersion in water (frozen)					OP8	-15	-5	3118	
DIETHYL PEROXYDICARBONATE	< 27		> 73			OP7	-10	0	3115	
2,2-DIHYDROPEROXYPROPANE	< 27			> 73		OP5			3102	3)
DI-(1-HYDROXYCYCLOHEXYL) PEROXIDE	<100					OP7			3106	
DIISOBUTYRYL PEROXIDE	> 32 - 52		> 48			OP5	-20	-10	3111	3)
"	< 32		> 68			OP7	-20	-10	3115	
DI-ISOPROPYLBENZENE DIHYDROPEROXIDE	< 82	> 5			> 5	OP7			3106	24)
DIISOPROPYL PEROXYDICARBONATE	> 52 - 100					OP2	-15	-5	3112	3)
"	< 52		> 48			OP7	-20	-10	3115	
DIISOTRIDECYL PEROXYDICARBONATE	<100					OP7	-10	0	3115	
DILAUROYL PEROXIDE	<100					OP7			3106	
"	< 42 as a stable dispersion in water					OP8, N			3109	
DI-(3-METHOXYBUTYL) PEROXYDICARBONATE	< 52		> 48			OP7	-5	+5	3115	
DI-(2-METHYLBENZOYL) PEROXIDE	< 87				> 13	OP5	+30	+35	3112	3)
DI-(3-METHYLBENZOYL) PEROXIDE + BENZOYL (3-METHYLBENZOYL) PEROXIDE + DIBENZOYL PEROXIDE	< 20+<18+< 4		> 58			OP7	+35	+40	3115	
DI-(4-METHYLBENZOYL) PEROXIDE	< 52 as a paste with silicon oil					OP7			3106	
2,5-DIMETHYL-2,5-DI-(BENZOYLPEROXY)HEXANE	> 82 - 100					OP5			3102	3)
"	< 82			> 18		OP7			3106	
"	< 82				> 18	OP5			3104	
2,5-DIMETHYL-2,5-DI-(tert-BUTYLPEROXY)HEXANE	> 52 - 100					OP7			3105	
"	< 52			> 48		OP7			3106	
"	<47 as a paste					OP8			3108	
"	< 52	> 48				OP8			3109	
"	< 77			> 23		OP8			3108	

2.2.52.4 *List of currently assigned organic peroxides (cont'd)*

ORGANIC PEROXIDE	Concen-tration (%)	Diluent type A (%)	Diluent type B (%) 1)	Inert solid (%)	Water (%)	Packing Method	Control Tempera-ture (°C)	Emergency Tempera-ture (°C)	Number (Generic entry)	Subsidiary risks and remarks
2,5-DIMETHYL-2,5-DI-(tert-BUTYLPEROXY)HEXYNE-3	> 52 - 86	> 14				OP5			3103	26)
"	< 52			> 48		OP7			3106	
"	> 86 - 100					OP5			3101	3)
2,5-DIMETHYL-2,5-DI-(2-ETHYLHEXANOYLPEROXY)HEXANE	<100					OP5	+20	+25	3113	
2,5-DIMETHYL-2,5-DIHYDROPEROXYHEXANE	< 82				> 18	OP6			3104	
2,5-DIMETHYL-2,5-DI-(3,5,5-TRIMETHYLHEXANOYLPEROXY)HEXANE	< 77	> 23				OP7			3105	
1,1-DIMETHYL-3-HYDROXYBUTYL PEROXYNEOHEPTANOATE	< 52	> 48				OP8	0	+10	3117	
DIMYRISTYL PEROXYDICARBONATE	<100					OP7	+20	+25	3116	
"	< 42 as a stable dispersion in water					OP8	+20	+25	3119	
" (in IBCs)	< 42 as a stable dispersion in water					N	+15	+20	3119	
DI-(2-NEODECANOYLPEROXYISOPROPYL) BENZENE	< 52	> 48				OP7	-10	0	3115	
DI-n-NONANOYL PEROXIDE	<100					OP7	0	+10	3116	
DI-n-OCTANOYL PEROXIDE	<100					OP5	+10	+15	3114	
DIPEROXY AZELAIC ACID	< 27			> 73		OP7	+35	+40	3116	
DIPEROXY DODECANE DIACID	> 13 - 42			> 58		OP7	+40	+45	3116	
"	< 13			> 87					Exempt	
DI-(2-PHENOXYETHYL) PEROXYDICARBONATE	> 85 - 100					OP5			3102	3)
"	< 85				> 15	OP7			3106	
DIPROPIONYL PEROXIDE	< 27		> 73			OP8	+15	+20	3117	
DI-n-PROPYL PEROXYDICARBONATE	<100					OP3	-25	-15	3113	
"	< 77		> 23			OP5	-20	-10	3113	
DISTEARYL PEROXYDICARBONATE	< 87			> 13		OP7			3106	
DISUCCINIC ACID PEROXIDE	> 72 - 100					OP4			3102	3) 17)
"	< 72				> 28	OP7	+10	+15	3116	
DI-(3,5,5-TRIMETHYLHEXANOYL) PEROXIDE	> 38 - 82	> 18				OP7	0	+10	3115	
"	< 52 as a stable dispersion in water					OP8, N	+10	+15	3119	
"	< 38	> 62				OP8	+20	+25	3119	
" (in IBCs)	< 38	> 62				N	+10	+15	3119	
" (in tanks)	< 38	> 62				M	0	+5	3119	
DI-(3,5,5-TRIMETHYL-1,2-DIOXOLANYL-3) PEROXIDE	< 52 as a paste					OP7	+30	+35	3116	20)
ETHYL 3,3-DI-(tert-AMYLPEROXY)BUTYRATE	< 67	> 33				OP7			3105	

2.2.52.4 *List of currently assigned organic peroxides (cont'd)*

ORGANIC PEROXIDE	Concen-tration (%)	Diluent type A (%)	Diluent type B (%) 1)	Inert solid (%)	Water (%)	Packing Method	Control Tempera-ture (°C)	Emergency Tempera-ture (°C)	Number (Generic entry)	Subsidiary risks and remarks
ETHYL 3,3-DI-(tert-BUTYLPEROXY)BUTYRATE	> 77 - 100					OP5			3103	
"	< 77	> 23				OP7			3105	
"	< 52			> 48		OP7			3106	
3,3,6,6,9,9-HEXAMETHYL-1,2,4,5-TETRAOXACYCLONONANE	> 52 - 100					OP4			3102	3)
"	< 52	> 48				OP7			3105	
"	< 52			> 48		OP7			3106	
tert-HEXYL PEROXYNEODECANOATE	< 71	> 29				OP7	0	+10	3115	
tert-HEXYL PEROXYPIVALATE	< 72		> 28			OP7	+10	+15	3115	
ISOPROPYL sec-BUTYL PEROXYDICARBONATE +DI-sec-BUTYL PEROXYDICARBONATE +DI-ISOPROPYL PEROXYDICARBONATE	< 32 +< 15 - 18 + < 12 - 15	> 38				OP7	-20	-10	3115	
ISOPROPYL sec-BUTYL PEROXYDICARBONATE + DI-sec-BUTYL PEROXYDICARBONATE + DI-ISOPROPYL PEROXYDICARBONATE	< 52 + < 28 + < 22					OP5	-20	-10	3111	3)
ISOPROPYLCUMYL HYDROPEROXIDE	< 72	> 28				OP8, M, N			3109	13)
p-MENTHYL HYDROPEROXIDE	> 72 - 100					OP7			3105	13)
"	< 72	> 28				OP8, M, N			3109	27)
METHYLCYCLOHEXANONE PEROXIDE(S)	< 67		> 33			OP7	+35	+40	3115	
METHYL ETHYL KETONE PEROXIDE(S)	< 52	> 48				OP5			3101	3) 8) 13)
"	< 45	> 55				OP7			3105	9)
"	< 40	> 60				OP8			3107	10)
"	< 37	> 55			> 8	OP7			3105	9)
METHYL ISOBUTYL KETONE PEROXIDE(S)	< 62	> 19				OP7			3105	22)
ORGANIC PEROXIDE, LIQUID, SAMPLE						OP2			3103	11)
ORGANIC PEROXIDE, LIQUID, SAMPLE, TEMPERATURE CONTROLLED						OP2			3113	11)
ORGANIC PEROXIDE, SOLID, SAMPLE						OP2			3104	11)
ORGANIC PEROXIDE, SOLID, SAMPLE, TEMPERATURE CONTROLLED						OP2			3114	11)
PEROXYACETIC ACID, TYPE D, stabilized	< 43					OP7			3105	13) 14) 19)
PEROXYACETIC ACID, TYPE E, stabilized	< 43					OP8			3107	13) 15) 19)
PEROXYACETIC ACID, TYPE F, stabilized	< 43					OP8, N			3109	13) 16) 19)
PINANYL HYDROPEROXIDE	56 - 100					OP7			3105	13)
"	< 56	> 44				OP8, M			3109	
TETRAHYDRONAPHTHYL HYDROPEROXIDE	<100					OP7			3106	

2.2.52.4 *List of currently assigned organic peroxides (cont'd)*

ORGANIC PEROXIDE	Concen-tration (%)	Diluent type A (%)	Diluent type B (%) 1)	Inert solid (%)	Water (%)	Packing Method	Control Tempera-ture (°C)	Emergency Tempera-ture (°C)	Number (Generic entry)	Subsidiary risks and remarks
1,1,3,3-TETRAMETHYLBUTYL HYDROPEROXIDE	<100					OP7			3105	
1,1,3,3-TETRAMETHYLBUTYL PEROXY-2 ETHYLHEXANOATE	<100					OP7	+20	+25	3115	
1,1,3,3- TETRAMETHYLBUTYL PEROXYNEODECANOATE	< 72		> 28			OP7	-5	+5	3115	
"	< 52 as a stable dispersion in water					OP8, N	-5	+5	3119	
1,1,3,3- TETRAMETHYLBUTYL PEROXYPHENOACETATE	< 37		> 63			OP7	-10	0	3115	
3,6,9-TRIETHYL-3,6,9-TRIMETHYL -1,4,7-TRIPEROXONANE	< 42	> 58				OP7			3105	28)

Remarks (refer to the last column of the Table in 2.2.52.4):

1) *Diluent type B may always be replaced by diluent type A.*

2) *Available oxygen < 4.7%.*

3) *"EXPLOSIVE" subsidiary risk label required (Model No.1, see 5.2.2.2.2).*

4) *Diluent may be replaced by di-tert-butyl peroxide.*

5) *Available oxygen < 9%.*

6) *With < 9% hydrogen peroxide; available oxygen < 10%.*

7) *Only non-metallic packagings allowed.*

8) *Available oxygen > 10%.*

9) *Available oxygen < 10%.*

10) *Available oxygen < 8.2%.*

11) *See 2.2.52.1.9.*

12) *Up to 2000 kg per receptacle assigned to ORGANIC PEROXIDE TYPE F on the basis of large scale trials.*

13) *"CORROSIVE" subsidiary risk label required (Model No.8, see 5.2.2.2.2).*

14) *Peroxyacetic acid formulations which fulfil the criteria of the Manual of Tests and Criteria, paragraph 20.4.3 (d).*

15) *Peroxyacetic acid formulations which fulfil the criteria of the Manual of Tests and Criteria, paragraph 20.4.3 (e).*

16) *Peroxyacetic acid formulations which fulfil the criteria of the Manual of Tests and Criteria, paragraph 20.4.3 (f).*

17) *Addition of water to this organic peroxide will decrease its thermal stability.*

18) *No "CORROSIVE" subsidiary risk label (Model No.8, see 5.2.2.2.2) required for concentrations below 80%.*

19) *Mixtures with hydrogen peroxide, water and acid(s).*

20) *With diluent type A, with or without water.*

21) *With < 36%, by mass, ethylbenzene in addition to diluent type A.*

22) *With < 19%, by mass, methyl isobutyl ketone in addition to diluent type A.*

23) *With < 6% di-tert-butyl peroxide.*

24) *With < 8% 1-isopropylhydroperoxy-4-isopropylhydroxybenzene.*

25) *Diluent type B with boiling point > 110 °C.*

26) *With < 0.5% hydroperoxides content.*

27) *For concentrations more than 56%, "CORROSIVE" subsidiary risk label required (Model No.8, see 5.2.2.2.2).*

28) *Available active oxygen < 7.6% in diluent Type A having a 95% boil-off point in the range of 200 - 260 °C.*

2.2.61 Class 6.1 Toxic substances

2.2.61.1 *Criteria*

2.2.61.1.1 The heading of Class 6.1 covers substances of which it is known by experience or regarding which it is presumed from experiments on animals that in relatively small quantities they are able by a single action or by action of short duration to cause damage to human health, or death, by inhalation, by cutaneous absorption or by ingestion.

2.2.61.1.2 Substances of Class 6.1 are subdivided as follows:

T Toxic substances without subsidiary risk:

- T1 Organic, liquid;
- T2 Organic, solid;
- T3 Organometallic substances;
- T4 Inorganic, liquid;
- T5 Inorganic, solid;
- T6 Liquid, used as pesticides;
- T7 Solid, used as pesticides;
- T8 Samples;
- T9 Other toxic substances;

TF Toxic substances, flammable:

- TF1 Liquid;
- TF2 Liquid, used as pesticides;
- TF3 Solid;

TS Toxic substances, self-heating, solid;

TW Toxic substances, which, in contact with water, emit flammable gases:

- TW1 Liquid;
- TW2 Solid;

TO Toxic substances, oxidizing:

- TO1 Liquid;
- TO2 Solid;

TC Toxic substances, corrosive:

- TC1 Organic, liquid;
- TC2 Organic, solid;
- TC3 Inorganic, liquid;
- TC4 Inorganic, solid;

TFC Toxic substances, flammable, corrosive.

Definitions

2.2.61.1.3 For the purposes of ADR:

LD_{50} for acute oral toxicity is that dose of the substance administered which is most likely to cause death within 14 days in one half of both male and female young adult albino rats. The number of animals tested shall be sufficient to give a statistically significant result and be in conformity with good pharmacological practice. The result is expressed in milligrams per kg body mass;

LD_{50} for acute dermal toxicity is that dose of the substance which, administered by continuous contact for 24 hours with the bare skin of albino rabbits, is most likely to cause death within 14 days in one half of the animals tested. The number of animals tested shall be sufficient to give a statistically significant result and be in conformity with good pharmacological practice. The result is expressed in milligrams per kg body mass;

LC_{50} for acute toxicity on inhalation is that concentration of vapour, mist or dust which, administered by continuous inhalation to both male and female young adult albino rats for one hour, is most likely to cause death within 14 days in one half of the animals tested. A solid substance shall be tested if at least 10% (by mass) of its total mass is likely to be dust in a respirable range, e.g. the aerodynamic diameter of that particle-fraction is 10 µm or less. A liquid substance shall be tested if a mist is likely to be generated in a leakage of the transport containment. Both for solid and liquid substances more than 90% (by mass) of a specimen prepared for inhalation toxicity shall be in the respirable range as defined above. The result is expressed in milligrams per litre of air for dusts and mists or in millilitres per cubic metre of air (parts per million) for vapours.

Classification and assignment of packing groups

2.2.61.1.4 Substances of Class 6.1 shall be classified in three packing groups according to the degree of danger they present for carriage, as follows:

Packing group I: highly toxic substances
Packing group II: toxic substances
Packing group III: slightly toxic substances.

2.2.61.1.5 Substances, mixtures, solutions and articles classified in Class 6.1 are listed in Table A of Chapter 3.2. The assignment of substances, mixtures and solutions not mentioned by name in Table A of Chapter 3.2 to the relevant entry of sub-section 2.2.61.3 and to the relevant packing group in accordance with the provisions of Chapter 2.1, shall be made according to the following criteria in 2.2.61.1.6 to 2.2.61.1.11.

2.2.61.1.6 To assess the degree of toxicity, account shall be taken of human experience of instances of accidental poisoning, as well as special properties possessed by any individual substances: liquid state, high volatility, any special likelihood of cutaneous absorption, and special biological effects.

2.2.61.1.7 In the absence of observations on humans, the degree of toxicity shall be assessed using the available data from animal experiments in accordance with the table below:

	Packing group	Oral toxicity LD_{50} (mg/kg)	Dermal toxicity LD_{50} (mg/kg)	Toxicity on inhalation of dusts and mists LC_{50} (mg/l)
Highly toxic	I	< 5	< 40	< 0.5
Toxic	II	> 5-50	> 40 - 200	> 0.5-2
Slightly toxic	III [a]	solids: > 50-200 liquids: > 50-500	> 200 - 1000	> 2-10

[a] *Tear gases shall be included in packing group II even if data concerning their toxicity correspond to packing group III criteria.*

2.2.61.1.7.1 Where a substance exhibits different degrees of toxicity for two or more kinds of exposure, it shall be classified under the highest such degree of toxicity.

2.2.61.1.7.2 Substances meeting the criteria of Class 8 and with an inhalation toxicity of dusts and mists (LC_{50}) leading to packing group I shall only be accepted for an allocation to Class 6.1 if the toxicity through oral ingestion or dermal contact is at least in the range of packing groups I or II. Otherwise an assignment to Class 8 shall be made if appropriate (see footnote [6] in 2.2.8.1.4).

2.2.61.1.7.3 The criteria for inhalation toxicity of dusts and mists are based on LC_{50} data relating to 1-hour exposure, and where such information is available it shall be used. However, where only LC_{50} data relating to 4-hour exposure are available, such figures can be multiplied by four and the product substituted in the above criteria, i.e. LC_{50} value multiplied by four (4 hour) is considered the equivalent of LC_{50} (1 hour).

Inhalation toxicity of vapours

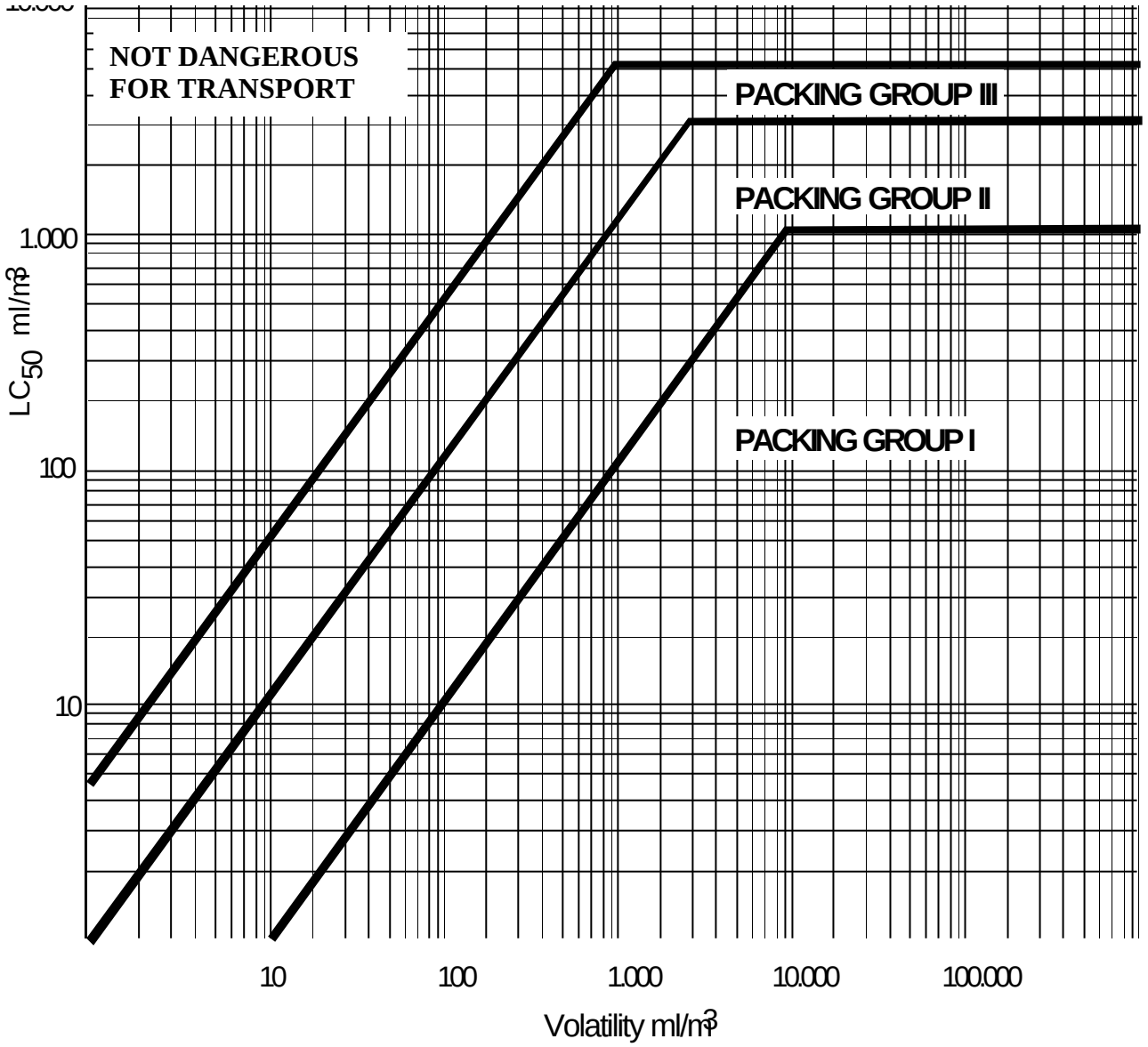
2.2.61.1.8 Liquids giving off toxic vapours shall be classified into the following groups where "V" is the saturated vapour concentration (in ml/m^3 of air) (volatility) at 20 °C and standard atmospheric pressure:

	Packing group	
Highly toxic	I	Where $V > 10\ LC_{50}$ and $LC_{50} < 1\ 000\ ml/m^3$
Toxic	II	Where $V > LC_{50}$ and $LC_{50} < 3\ 000\ ml/m^3$ and the criteria for packing group I are not met
Slightly toxic	III	Where $V > 1/5\ LC_{50}$ and $LC_{50} < 5\ 000\ ml/m^3$ and the criteria for packing groups I and II are not met

These criteria for inhalation toxicity of vapours are based on LC_{50} data relating to 1-hour exposure, and where such information is available, it shall be used.

However, where only LC_{50} data relating to 4-hour exposure to the vapours are available, such figures can be multiplied by two and the product substituted in the above criteria, i.e. LC_{50} (4 hour) × 2 is considered the equivalent of LC_{50} (1 hour).

Group borderlines inhalation toxicity of vapours



In this figure, the criteria are expressed in graphical form, as an aid to easy classification. However, due to approximations inherent in the use of graphs, substances falling on or near group borderlines shall be checked using numerical criteria.

Mixtures of liquids

2.2.61.1.9 Mixtures of liquids which are toxic on inhalation shall be assigned to packing groups according to the following criteria:

2.2.61.1.9.1 If LC_{50} is known for each of the toxic substances constituting the mixture, the packing group may be determined as follows:

(a) calculation of the LC_{50} of the mixture:

$$LC_{50}\ (\text{mixture}) = \frac{1}{\sum_{i=1}^{n} \frac{f_i}{LC_{50i}}}$$

where f_i = molar fraction of constituent i of the mixture;

LC_{50i} = average lethal concentration of constituent i in ml/m^3.

(b) calculation of volatility of each mixture constituent:

$$V_i = P_i \times \frac{10^6}{101.3}\ (ml/m^3)$$

where P_i = partial pressure of constituent i in kPa at 20 °C and at standard atmospheric pressure.

(c) calculation of the ratio of volatility to LC_{50}:

$$R = \sum_{i=1}^{n} \frac{V_i}{LC_{50i}}$$

(d) the values calculated for LC_{50} (mixture) and R are then used to determine the packing group of the mixture:

Packing group I R > 10 and LC_{50} (mixture) < 1 000 ml/m^3;

Packing group II R > 1 and LC_{50} (mixture) < 3 000 ml/m^3, if the mixture does not meet the criteria for packing group I;

Packing group III R > 1/5 and LC_{50} (mixture) < 5 000 ml/m^3, if the mixture does not meet the criteria of packing groups I or II.

2.2.61.1.9.2 In the absence of LC_{50} data on the toxic constituent substances, the mixture may be assigned to a group based on the following simplified threshold toxicity tests. When these threshold tests are used, the most restrictive group shall be determined and used for carrying the mixture.

2.2.61.1.9.3 A mixture is assigned to packing group I only if it meets both of the following criteria:

(a) A sample of the liquid mixture is vaporized and diluted with air to create a test atmosphere of 1000 ml/m^3 vaporized mixture in air. Ten albino rats (5 male and 5 female) are exposed to the test atmosphere for 1 hour and observed for 14 days. If five or more of the animals die within the 14-day observation period, the mixture is presumed to have an LC_{50} equal to or less than 1000 ml/m^3;

(b) A sample of vapour in equilibrium with the liquid mixture is diluted with 9 equal volumes of air to form a test atmosphere. Ten albino rats (5 male and 5 female) are exposed to the test atmosphere for 1 hour and observed for 14 days. If five or more of the animals die within the 14-day observation period, the mixture is presumed to have a volatility equal to or greater than 10 times the mixture LC_{50}.

2.2.61.1.9.4 A mixture is assigned to packing group II only if it meets both of the following criteria, and does not meet the criteria for packing group I:

(a) A sample of the liquid mixture is vaporized and diluted with air to create a test atmosphere of 3000 ml/m^3 vaporized mixture in air. Ten albino rats (5 male and 5 female) are exposed to the test atmosphere for 1 hour and observed for 14 days. If five or more of the animals die within the 14-day observation period, the mixture is presumed to have an LC_{50} equal to or less than 3000 ml/m^3;

(b) A sample of the vapour in equilibrium with the liquid mixture is used to form a test atmosphere. Ten albino rats (5 male and 5 female) are exposed to the test atmosphere for 1 hour and observed for 14 days. If five or more of the animals die within the 14-day observation period, the mixture is presumed to have a volatility equal to or greater than the mixture LC_{50}.

2.2.61.1.9.5 A mixture is assigned to packing group III only if it meets both of the following criteria, and does not meet the criteria for packing groups I or II:

(a) A sample of the liquid mixture is vaporized and diluted with air to create a test atmosphere of 5000 ml/m^3 vaporized mixture in air. Ten albino rats (5 male and 5 female) are exposed to the test atmosphere for 1 hour and observed for 14 days. If five or more of the animals die within the 14-day observation period, the mixture is presumed to have an LC_{50} equal to or less than 5000 ml/m^3;

(b) The vapour concentration (volatility) of the liquid mixture is measured and if the vapour concentration is equal to or greater than 1000 ml/m^3, the mixture is presumed to have a volatility equal to or greater than 1/5 the mixture LC_{50}.

Methods for determining oral and dermal toxicity of mixtures

2.2.61.1.10 When classifying and assigning the appropriate packing group to mixtures in Class 6.1 in accordance with the oral and dermal toxicity criteria (see 2.2.61.1.3), it is necessary to determine the acute LD_{50} of the mixture.

2.2.61.1.10.1 If a mixture contains only one active substance, and the LD_{50} of that constituent is known, in the absence of reliable acute oral and dermal toxicity data on the actual mixture to be carried, the oral or dermal LD_{50} may be obtained by the following method:

$$LD_{50}\ value\ of\ preparation\ = \frac{LD_{50}\ value\ of\ active\ substance\ \times\ 100}{percentage\ of\ active\ substance\ by\ mass}$$

2.2.61.1.10.2 If a mixture contains more than one active constituent, there are three possible approaches that may be used to determine the oral or dermal LD_{50} of the mixture. The preferred method is to obtain reliable acute oral and dermal toxicity data on the actual mixture to be carried. If reliable, accurate data is not available, then either of the following methods may be performed:

(a) Classify the formulation according to the most hazardous constituent of the mixture as if that constituent were present in the same concentration as the total concentration of all active constituents; or

(b) Apply the formula:

$$\frac{C_A}{T_A} + \frac{C_B}{T_B} + \ldots + \frac{C_Z}{T_Z} = \frac{100}{T_M}$$

where:

C = the percentage concentration of constituent A, B, ... Z in the mixture;

T = the oral LD_{50} values of constituent A, B, ... Z;

T_M = the oral LD_{50} value of the mixture.

NOTE: *This formula can also be used for dermal toxicities provided that this information is available on the same species for all constituents. The use of this formula does not take into account any potentiation or protective phenomena.*

Classification of pesticides

2.2.61.1.11 All active pesticide substances and their preparations for which the LC_{50} and/or LD_{50} values are known and which are classified in Class 6.1 shall be classified under appropriate packing groups in accordance with the criteria given in 2.2.61.1.6 to 2.2.61.1.9. Substances and preparations which are characterized by subsidiary risks shall be classified according to the precedence of hazard Table in 2.1.3.9 with the assignment of appropriate packing groups.

2.2.61.1.11.1 If the oral or dermal LD_{50} value for a pesticide preparation is not known, but the LD_{50} value of its active substance(s) is known, the LD_{50} value for the preparation may be obtained by applying the procedures in 2.2.61.1.10.

NOTE*: LD_{50} toxicity data for a number of common pesticides may be obtained from the most current edition of the document "The WHO Recommended Classification of Pesticides by Hazard and Guidelines to Classification" available from the International Programme on Chemical Safety, World Health Organisation (WHO), 1211 Geneva 27, Switzerland. While that document may be used as a source of LD_{50} data for pesticides, its classification system shall not be used for purposes of transport classification of, or assignment of packing groups to, pesticides, which shall be in accordance with the requirements of ADR.*

2.2.61.1.11.2 The proper shipping name used in the carriage of the pesticide shall be selected on the basis of the active ingredient, of the physical state of the pesticide and any subsidiary risks it may exhibit (see 3.1.2).

2.2.61.1.12 If substances of Class 6.1, as a result of admixtures, come into categories of risk different from those to which the substances mentioned by name in Table A of Chapter 3.2 belong, these mixtures or solutions shall be assigned to the entries to which they belong on the basis of their actual degree of danger.

NOTE: *For the classification of solutions and mixtures (such as preparations and wastes), see also 2.1.3.*

2.2.61.1.13 On the basis of the criteria of 2.2.61.1.6 to 2.2.61.1.11, it may also be determined whether the nature of a solution or mixture mentioned by name or containing a substance mentioned by name is such that the solution or mixture is not subject to the requirements for this Class.

2.2.61.1.14 Substances, solutions and mixtures, with the exception of substances and preparations used as pesticides, which do not meet the criteria of Directives 67/548/EEC [2] or 88/379/EEC [3] as amended and which are not therefore classified as highly toxic, toxic or harmful according to these directives, as amended, may be considered as substances not belonging to Class 6.1.

2.2.61.2 ***Substances not accepted for carriage***

2.2.61.2.1 Chemically unstable substances of Class 6.1 shall not be accepted for carriage unless the necessary steps have been taken to prevent their dangerous decomposition or polymerization during carriage. To this end, it shall in particular be ensured that receptacles and tanks do not contain any substance(s) likely to cause such a reaction.

2.2.61.2.2 The following substances and mixtures shall not be accepted for carriage:

- Hydrogen cyanide, anhydrous or in solution, which do not meet the descriptions of UN Nos. 1051, 1613, 1614 and 3294;

- metal carbonyls, having a flash-point below 23 °C, other than UN Nos. 1295 NICKEL CARBONYL and 1994 IRON PENTACARBONYL;

- 2,3,7,8-TETRACHLORODIBENZO-P-DIOXINE (TCDD) in concentrations considered highly toxic in accordance with the criteria in 2.2.61.1.7;

- UN No. 2249 DICHLORODIMETHYL ETHER, SYMMETRICAL;

- preparations of phosphides without additives inhibiting the emission of toxic flammable gases.

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[2] *Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances (Official Journal of the European Communities No. L 196 of 16.08.1967, page 1).*

[3] *Council Directive 88/379/EEC on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations (Official Journal of the European Communities No. L 187 of 16.07.1988, page 14).*

2.2.61.3 *List of collective entries*

Toxic substances without subsidiary risk(s)

Organic

liquid [a, b] — **T1**

1583	CHLOROPICRIN MIXTURE, N.O.S.
1602	DYE, LIQUID, TOXIC, N.O.S., or
1602	DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.
1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.
1851	MEDICINE, LIQUID, TOXIC, N.O.S.
2206	ISOCYANATES, TOXIC, N.O.S. or
2206	ISOCYANATE SOLUTION, TOXIC, N.O.S.
3140	ALKALOIDS, LIQUID, N.O.S. or
3140	ALKALOID SALTS, LIQUID, N.O.S.
3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.
3144	NICOTINE COMPOUND, LIQUID, N.O.S. or
3144	NICOTINE PREPARATION, LIQUID, N.O.S.
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.
3276	NITRILES, TOXIC, N.O.S
3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., liquid
2810	TOXIC LIQUID, ORGANIC, N.O.S.

solid [a, b, c] — **T2**

1544	ALKALOIDS, SOLID, N.O.S. or
1544	ALKALOID SALTS, SOLID, N.O.S.
1601	DISINFECTANT, SOLID, TOXIC, N.O.S.
1655	NICOTINE COMPOUND, SOLID, N.O.S., or
1655	NICOTINE PREPARATION, SOLID, N.O.S.
1693	TEAR GAS SUBSTANCE, SOLID, N.O.S.
3143	DYE, SOLID, TOXIC, N.O.S. or
3143	DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.
3249	MEDICINE, SOLID, TOXIC, N.O.S.
3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., solid
2811	TOXIC SOLID, ORGANIC, N.O.S.

Organometallic [d, e] — **T3**

2026	PHENYLMERCURIC COMPOUND, N.O.S.
2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.
3146	ORGANOTIN COMPOUND, SOLID, N.O.S.
3280	ORGANOARSENIC COMPOUND, N.O.S., liquid or
3280	ORGANOARSENIC COMPOUND, N.O.S., solid
3281	METAL CARBONYLS, N.O.S., liquid or
3281	METAL CARBONYLS, N.O.S., solid
3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., liquid or
3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., solid

Inorganic

liquid [f] — **T4**

1556	ARSENIC COMPOUND, LIQUID, N.O.S., inorganic including: Arsenates, n.o.s., Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.
1935	CYANIDE SOLUTION, N.O.S.
2024	MERCURY COMPOUND, LIQUID, N.O.S.
3141	ANTIMONY COMPOUND, INORGANIC, LIQUID, N.O.S.
3287	TOXIC LIQUID, INORGANIC, N.O.S.

solids [g, h] — **T5**

1549	ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S
1557	ARSENIC COMPOUND, SOLID, N.O.S., including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.
1564	BARIUM COMPOUND, N.O.S.
1566	BERYLLIUM COMPOUND, N.O.S.
1588	CYANIDES, INORGANIC, SOLID, N.O.S.
1707	THALLIUM COMPOUND, N.O.S.
2025	MERCURY COMPOUND, SOLID, N.O.S.
2291	LEAD COMPOUND, SOLUBLE, N.O.S.
2570	CADMIUM COMPOUND
2630	SELENATES or
2630	SELENITES
2856	FLUOROSILICATES, N.O.S.
3283	SELENIUM COMPOUND, N.O.S.
3284	TELLURIUM COMPOUND, N.O.S.
3285	VANADIUM COMPOUND, N.O.S.
3288	TOXIC SOLID, INORGANIC, N.O.S.

(cont'd on next page)

Toxic substances without subsidiary risk(s) (*cont'd*)

Pesticides

liquid	**T6**	2992	CARBAMATE PESTICIDE, LIQUID, TOXIC
		2994	ARSENICAL PESTICIDE, LIQUID, TOXIC
		2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC
		2998	TRIAZINE PESTICIDE, LIQUID, TOXIC
		3006	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC
		3010	COPPER BASED PESTICIDE, LIQUID, TOXIC
		3012	MERCURY BASED PESTICIDE, LIQUID, TOXIC
		3014	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC
		3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC
		3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC
		3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC
		3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC
		3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC
		3352	PYRETHROID PESTICIDE, LIQUID, TOXIC
		2902	PESTICIDE, LIQUID, TOXIC, N.O.S.
solid	**T7**	2757	CARBAMATE PESTICIDE, SOLID, TOXIC
		2759	ARSENICAL PESTICIDE, SOLID, TOXIC
		2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC
		2763	TRIAZINE PESTICIDE, SOLID, TOXIC
		2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC
		2775	COPPER BASED PESTICIDE, SOLID, TOXIC
		2777	MERCURY BASED PESTICIDE, SOLID, TOXIC
		2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC
		2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC
		2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC
		2786	ORGANOTIN PESTICIDE, SOLID, TOXIC
		3027	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC
		3048	ALUMINIUM PHOSPHIDE PESTICIDE
		3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC
		3349	PYRETHROID PESTICIDE, SOLID, TOXIC
		2588	PESTICIDE, SOLID, TOXIC, N.O.S.

Samples	**T8**	3315	CHEMICAL SAMPLE, TOXIC liquid or solid.
Other toxic substances [i]	**T9**	3243	SOLIDS CONTAINING TOXIC LIQUID, N.O.S.

(cont'd on next page)

Toxic substances <u>with</u> subsidiary risk(s)

Flammable TF		**liquid**[j,k]	**TF1**	3071 MERCAPTANS, LIQUID, TOXIC, FLAMMABLE, N.O.S. or 3071 MERCAPTAN MIXTURE, LIQUID, TOXIC, FLAMMABLE, N.O.S. 3080 ISOCYANATES, TOXIC, FLAMMABLE, N.O.S. or 3080 ISOCYANATE SOLUTION, TOXIC, FLAMMABLE, N.O.S. 3275 NITRILES, TOXIC, FLAMMABLE, N.O.S. 3279 ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S. 2929 TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.
		pesticides, liquid (flash-point not less than 23 °C)	**TF2**	2991 CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE 2993 ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE 2995 ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE 2997 TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE 3005 THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE 3009 COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE 3011 MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE 3013 SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE 3015 BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE 3017 ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE 3019 ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE 3025 COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE 3347 PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE 3351 PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE 2903 PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S.
		solid	**TF3**	1700 TEAR GAS CANDLES 2930 TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.
Solid, self-heating[d] **TS**				3124 TOXIC SOLID, SELF-HEATING, N.O.S.
Water-reactive[e] **TW**		**liquid**	**TW1**	3123 TOXIC LIQUID, WATER-REACTIVE, N.O.S.
		solid[n]	**TW2**	3125 TOXIC SOLID, WATER-REACTIVE, N.O.S.
Oxidizing[l] **TO**		**liquid**	**TO1**	3122 TOXIC LIQUID, OXIDIZING, N.O.S.
		solid	**TO2**	3086 TOXIC SOLID, OXIDIZING, N.O.S.
Corrosive[m] **TC**	**organic**	**liquid**	**TC1**	3277 CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S. 2927 TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.
		solid	**TC2**	2928 TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.
	inor-ganic	**liquid**	**TC3**	3289 TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.
		solid	**TC4**	3290 TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.
Flammable, corrosive TFC				2742 CHLOROFORMATES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S. (No other collective entry available; if need be, classification under a collective entry with a classification code to be determined.)

***NOTES**:*

[a] *Substances and preparations containing alkaloids or nicotine used as pesticides shall be classified under UN No. 2588 PESTICIDES, SOLID, TOXIC, N.O.S., UN No. 2902 PESTICIDES, LIQUID, TOXIC, N.O.S. or UN No. 2903 PESTICIDES, LIQUID, TOXIC, FLAMMABLE, N.O.S.*

[b] *Pharmaceutical products ready for use, e.g. cosmetics, drugs and medicines, which are substances manufactured and packed in packagings of a type intended for retail sale or distribution for personal or household consumption, which would otherwise be active substances intended for laboratories and experiments and for the manufacture of pharmaceutical products, are not subject to the provisions of ADR.*

[c] *Active substances and triturations or mixtures of substances intended for laboratories and experiments and for the manufacture of pharmaceutical products with other substances shall be classified according to their toxicity (see 2.2.61.1.7 to 2.2.61.1.11).*

[d] *Self-heating substances, slightly toxic and spontaneously combustible organometallic compounds, are substances of Class 4.2.*

[e] *Water-reactive substances, slightly toxic, and water-reactive organometallic compounds, are substances of Class 4.3.*

[f] *Mercury fulminate, wetted with not less than 20% water, or mixture of alcohol and water by mass is a substance of Class 1, UN No. 0135.*

[g] *Ferricyanides, ferrocyanides, alkaline thiocyanates and ammonium thiocyanates are not subject to the provisions of ADR.*

[h] *Lead salts and lead pigments which, when mixed in a ratio of 1:1,000 with 0.07M hydrochloric acid and stirred for one hour at a temperature of 23 °C ± 2 °C, exhibit a solubility of 5% or less, are not subject to the provisions of ADR.*

[i] *Mixtures of solids which are not subject to the provisions of ADR and of toxic liquids may be carried under UN No. 3243 without first applying the classification criteria of Class 6.1, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging, container or transport unit is closed. Each packaging shall correspond to a design type that has passed a leakproofness test at the packing group II level. This entry shall not be used for solids containing a packing group I liquid.*

[j] *Highly toxic or toxic, flammable liquids having a flash-point below 23 °C excluding substances which are highly toxic on inhalation, i.e. UN Nos. 1051, 1092, 1098, 1143, 1163, 1182, 1185, 1238, 1239, 1244, 1251, 1259, 1613, 1614, 1695, 1994, 2334, 2382, 2407, 2438, 2480, 2482, 2484, 2485, 2606, 2929, 3279 and 3294 are substances of Class 3.*

[k] *Flammable liquids, slightly toxic, with the exception of substances and preparations used as pesticides, having a flash-point between 23 °C and 61 °C inclusive, are substances of Class 3.*

[l] *Oxidizing substances, slightly toxic, are substances of Class 5.1.*

[m] *Substances slightly toxic and slightly corrosive, are substances of Class 8.*

[n] *Metal phosphides assigned to UN Nos. 1360, 1397, 1432, 1714, 2011 and 2013 are substances of Class 4.3.*

2.2.62 Class 6.2 Infectious substances

2.2.62.1 *Criteria*

2.2.62.1.1 The heading of Class 6.2 covers infectious substances. Infectious substances are those substances known or reasonably expected to contain pathogens. Pathogens are defined as micro-organisms (including bacteria, viruses, rickettsia, parasites, fungi) or recombinant micro-organisms (hybrid or mutant), that are known or reasonably expected to cause infectious disease in animals or humans.

For the purposes of this Class, viruses, micro-organisms as well as articles contaminated with these shall be considered as substances of this Class.

NOTE 1*: Substances referred to above are not subject to the requirements applicable to this Class if they are unlikely to cause human or animal disease.*

NOTE 2*: Infectious substances are subject to the requirements applicable to this Class only if they are capable of spreading disease to humans or animals when exposure to them occurs.*

NOTE 3: *Genetically modified micro-organisms and organisms, biological products, diagnostic specimens and infected live animals shall be assigned to this Class if they meet the conditions for this Class.*

NOTE 4: *Toxins from plant, animal or bacterial sources which do not contain any infectious substances or organisms or which are not contained in them are substances of Class 6.1, UN No. 3172.*

2.2.62.1.2 Substances of Class 6.2 are subdivided as follows:

I1 Infectious substances affecting humans;

I2 Infectious substances affecting animals only;

I3 Clinical waste.

Definitions and classification

2.2.62.1.3 Infectious substances shall be classified in Class 6.2 and assigned to UN Nos. 2814 or 2900, as appropriate, on the basis of their allocation to one of three risk groups based on criteria developed by the World Health Organization (WHO) and published in the WHO "*Laboratory Biosafety Manual*, second edition (1993)". A risk group is characterized by the pathogenicity of the organism, the mode and relative ease of transmission, the degree of risk to both an individual and a community, and the reversibility of the disease through the availability of known and effective preventive agents and treatment.

The criteria for each risk group according to the level of risk are as follows:

(a) Risk group 4: a pathogen that usually causes serious human or animal disease and that can be readily transmitted from one individual to another, directly or indirectly, and for which effective treatment and preventive measures are not usually available (i.e., high individual and community risk).

(b) Risk group 3: a pathogen that usually causes serious human or animal disease but does not ordinarily spread from one infected individual to another, and for which effective treatment and preventive measures are available (i.e. high individual risk and low community risk).

(c) Risk group 2: a pathogen that can cause human or animal disease but is unlikely to be a serious hazard, and, while capable of causing serious infection on exposure, for which effective treatment and preventive measures are available and the risk of spread of infection is limited (i.e. moderate individual risk and low community risk).

NOTE: *Risk group 1 includes micro-organisms that are unlikely to cause human or animal disease (i.e. no, or very low, individual or community risk). Substances containing only such micro-organisms are not considered infectious substances for the purposes of these provisions.*

2.2.62.1.4 Infectious substances affecting animals only (group I2 in 2.2.62.1.2) and of risk group 2 are assigned to packing group II.

2.2.62.1.5 *Biological products* are those products derived from living organisms, that are manufactured and distributed in accordance with the requirements of national governmental authorities which may have special licensing requirements, and are used either for prevention, treatment, or diagnosis of disease in humans or animals, or for development, experimental or investigational purposes related thereto. They include, but are not limited to, finished or unfinished products such as vaccines and diagnostic products.

For the purposes of ADR, biological products are divided into the following groups:

(a) Those which contain pathogens in risk group 1; those which contain pathogens under such conditions that their ability to produce disease is very low to none; and those known not to contain pathogens. Substances in this group are not considered infectious substances for the purposes of ADR;

(b) Those manufactured and packaged in accordance with the requirements of national governmental health authorities and carried for the purposes of final packaging or distribution, and use for personal health care by medical professionals or individuals. Substances in this group are not subject to the regulations applicable to Class 6.2;

(c) Those known or reasonably expected to contain pathogens in risk groups 2, 3, or 4 and which do not meet the criteria of (b) above. Substances in this group shall be classified in Class 6.2 under UN Nos. 2814 or 2900, as appropriate.

NOTE: *Some licensed biological products may present a biohazard in certain parts of the world only. In that case competent authorities may require these biological products to comply with the requirements for infectious substances or may impose other restrictions.*

2.2.62.1.6 *Diagnostic specimens* are any human or animal material including, but not limited to, excreta, secreta, blood and its components, tissue and tissue fluids being carried for purposes of diagnosis or research, but excluding live infected animals.

For the purposes of ADR, diagnostic specimens are divided into the following groups:

(a) Those known or reasonably expected to contain pathogens in risk groups 2, 3 or 4 and those where a relatively low probability exists that pathogens of risk group 4 are present. Such substances shall be classified in Class 6.2 under UN Nos. 2814 or 2900, as appropriate. Specimens carried for the purposes of initial or confirmatory testing for the presence of pathogens fall within this group;

(b) Those where a relatively low probability exists that pathogens of risk groups 2 or 3 are present. Such substances shall be classified in Class 6.2 under UN No. 2814 or 2900, as appropriate. Specimens carried for the purpose of initial diagnosis for other than the presence of pathogens or specimens carried for routine screening fall within this group;

(c) Those known not to contain pathogens. Such substances are not considered as substances of Class 6.2.

2.2.62.1.7 *Genetically modified micro-organisms and organisms* [4] are micro-organisms and organisms in which the genetic material has been deliberately altered by technical methods or by means that cannot occur naturally in nature.

For the purposes of ADR, genetically modified micro-organisms and organisms are divided into the following groups:

(a) Genetically modified micro-organisms which meet the definition of an infectious substance given in 2.2.62.1.1 shall be classified in Class 6.2 and assigned to UN Nos. 2814 or 2900;

(b) Genetically modified organisms, which are known or suspected to be dangerous to humans, animals or the environment, shall be carried in accordance with conditions specified by the competent authority of the country of origin;

(c) Animals which contain or are contaminated with genetically modified micro-organisms and organisms that meet the definition of an infectious substance shall be carried in accordance with conditions specified by the competent authority of the country of origin;

(d) Except when authorized for unconditional use by the Governments of the countries of origin, transit and destination, genetically modified micro-organisms which do not meet the definition of infectious substances but which are capable of altering animals, plants or microbiological substances in a way not normally the result of natural reproduction shall be classified in Class 9 and assigned to UN No. 3245.

NOTE: *Genetically modified micro-organisms which are infectious within the meaning of this Class shall not be assigned to UN No. 3291.*

2.2.62.1.8 Diagnostic specimens referred to in 2.2.62.1.6 (b) need not meet the requirements for infectious substances when the following conditions are met:

(a) - The primary receptacle(s) do not contain more than 100 ml;

- The outer packaging does not contain more than 500 ml;

[4] *See also Directive 90/219/EEC, Official Journal of the European Communities No. L 117 of 8 May 1990, page 1.*

- The primary receptacle(s) are leakproof; and

- The packaging includes:

  (i) an inner packaging comprising:

  - watertight primary receptacle(s);

  - a watertight secondary packaging;

  - absorbent material in sufficient quantity to absorb the entire contents placed between the primary receptacle(s) and the secondary packaging; if several primary receptacles are placed in a single secondary packaging, they shall be individually wrapped so as to prevent contact between them;

  (ii) an outer packaging of adequate strength for its capacity, mass and intended use, and with minimum external dimensions of 100 mm;

(b) the packagings comply with standard EN 829:1996.

2.2.62.1.9 *Wastes* are wastes derived from the medical treatment of animals or humans or from bio-research where there is a relatively low probability that infectious substances are present. They shall be assigned to UN No. 3291. Wastes containing infectious substances which can be specified shall be assigned to UN Nos. 2814 or 2900 according to their degree of danger (see 2.2.62.1.3). Decontaminated wastes which previously contained infectious substances are considered non-dangerous unless the criteria of another class are met.

2.2.62.1.10 Clinical wastes assigned to UN No. 3291 are assigned to packing group II.

2.2.62.1.11 For the carriage of substances of this Class, the maintenance of a specified temperature may be necessary.

2.2.62.2 ***Substances not accepted for carriage***

Live vertebrate or invertebrate animals shall not be used to carry an infectious agent unless the agent cannot be carried by any other means. Such animals shall be packed, marked, indicated, and carried in accordance with the relevant regulations governing the carriage of animals [5].

[5] *Such regulations are contained in, e.g. Directive 91/628/EEC (Official Journal of the European Communities No. L 340 of 11 December 1991, p. 17) and in the Recommendations of the Council of Europe (Ministerial Committee) on the carriage of certain animal species.*

2.2.62.3 *List of collective entries*

Effects on humans	**I1**	2814 INFECTIOUS SUBSTANCE, AFFECTING HUMANS
Effects on animals only	**I2**	2900 INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only
Clinical waste	**I3**	3291 CLINICAL WASTE, UNSPECIFIED, N.O.S. ***NOTE**: The names (BIO) MEDICAL WASTE, N.O.S. or REGULATED MEDICAL WASTE, N.O.S. may be used as alternative designations for CLINICAL WASTE, UNSPECIFIED, N.O.S. for carriage prior to or following maritime or air carriage.*

2.2.7 Class 7 Radioactive material

2.2.7.1 *Definition of Class 7*

2.2.7.1.1 *Radioactive material* means any material containing radionuclides where both the activity concentration and the total activity in the consignment exceed the values specified in 2.2.7.7.2.1 to 2.2.7.7.2.6.

2.2.7.1.2 The following radioactive materials are not included in Class 7 for the purposes of ADR:

(a) Radioactive material that is an integral part of the means of transport;

(b) Radioactive material moved within an establishment which is subject to appropriate safety regulations in force in the establishment and where the movement does not involve public roads or railways;

(c) Radioactive material implanted or incorporated into a person or live animal for diagnosis or treatment;

(d) Radioactive material in consumer products which have received regulatory approval, following their sale to the end user;

(e) Natural material and ores containing naturally occurring radionuclides which are not intended to be processed for use of these radionuclides provided the activity concentration of the material does not exceed 10 times the values specified in 2.2.7.7.2.

2.2.7.2 *Definitions*

A_1 and A_2

A_1 means the activity value of special form radioactive material which is listed in Table 2.2.7.7.2.1 or derived in 2.2.7.7.2 and is used to determine the activity limits for the requirements of ADR.

A_2 means the activity value of radioactive material, other than special form radioactive material, which is listed in Table 2.2.7.7.2.1 or derived in 2.2.7.7.2 and is used to determine the activity limits for the requirements of ADR.

Approval

Multilateral approval means approval by the relevant competent authority both of the country of origin of the design or shipment and of each country through or into which the consignment is to be carried.

Unilateral approval means an approval of a design which is required to be given by the competent authority of the country of origin of the design only. If the country of origin is not a Contracting Party to ADR, the approval shall require validation by the competent authority of the first country Contracting Party to ADR reached by the consignment (see 6.4.22.6).

Confinement system means the assembly of fissile material and packaging components specified by the designer and agreed to by the competent authority as intended to preserve criticality safety.

Containment system means the assembly of components of the packaging specified by the designer as intended to retain the radioactive material during carriage.

Contamination:

Contamination means the presence of a radioactive substance on a surface in quantities in excess of 0.4 Bq/cm^2 for beta and gamma emitters and low toxicity alpha emitters, or 0.04 Bq/cm^2 for all other alpha emitters.

Non-fixed contamination means contamination that can be removed from a surface during routine conditions of carriage.

Fixed contamination means contamination other than non-fixed contamination.

Criticality safety index (CSI) assigned to a package, overpack or container containing fissile material means a number which is used to provide control over the accumulation of packages, overpacks or containers containing fissile material.

Design means the description of special form radioactive material, low dispersible radioactive material, package or packaging which enables such an item to be fully identified. The description may include specifications, engineering drawings, reports demonstrating compliance with regulatory requirements, and other relevant documentation.

Exclusive use means the sole use, by a single consignor, of a vehicle or of a large container, in respect of which all initial, intermediate and final loading and unloading is carried out in accordance with the directions of the consignor or consignee.

Fissile material means uranium-233, uranium-235, plutonium-239, plutonium-241, or any combination of these radionuclides. Excepted from this definition is:

(a) Natural uranium or depleted uranium which is unirradiated, and

(b) Natural uranium or depleted uranium which has been irradiated in thermal reactors only.

Large container means a container which is not a small container according to the definitions of this Sub-section.

Low dispersible radioactive material means either a solid radioactive material or a solid radioactive material in a sealed capsule, that has limited dispersibility and is not in powder form.

***NOTE**: Low dispersible radioactive material may be carried by air in Type B(U) or B(M) packages in quantities as authorised for the package design as specified in the certificate of approval. This definition is included here since such packages carrying low dispersible radioactive material may also be carried by road.*

Low specific activity (LSA) material, see 2.2.7.3.

Low toxicity alpha emitters are: natural uranium; depleted uranium; natural thorium; uranium-235 or uranium-238; thorium-232; thorium-228 and thorium-230 when contained in ores or physical and chemical concentrates; or alpha emitters with a half-life of less than 10 days.

Maximum normal operating pressure means the maximum pressure above atmospheric pressure at mean sea-level that would develop in the containment system in a period of one year under the conditions of temperature and solar radiation corresponding to environmental

conditions in the absence of venting, external cooling by an ancillary system, or operational controls during carriage.

Package in the case of radioactive material means the packaging with its radioactive contents as presented for carriage. The types of packages covered by ADR, which are subject to the activity limits and material restrictions of 2.2.7.7 and meet the corresponding requirements, are:

(a) Excepted package;

(b) Industrial package Type 1 (Type IP-1);

(c) Industrial package Type 2 (Type IP-2);

(d) Industrial package Type 3 (Type IP-3);

(e) Type A package;

(f) Type B(U) package;

(g) Type B(M) package;

(h) Type C package.

Packages containing fissile material or uranium hexafluoride are subject to additional requirements (see 2.2.7.7.1.7 and 2.2.7.7.1.8).

***NOTE**: For "packages" for other dangerous goods see definitions under 1.2.1.*

Packaging in the case of radioactive material means the assembly of components necessary to enclose the radioactive contents completely. It may, in particular, consist of one or more receptacles, absorbent materials, spacing structures, radiation shielding and service equipment for filling, emptying, venting and pressure relief; devices for cooling, absorbing mechanical shocks, handling and tie-down, thermal insulation; and service devices integral to the package. The packaging may be a box, drum or similar receptacle, or may also be a container, tank or intermediate bulk container (IBC).

***NOTE**: For "packagings" for other dangerous goods see definitions under 1.2.1*

Radiation level means the corresponding dose rate expressed in millisieverts per hour.

Radioactive contents mean the radioactive material together with any contaminated or activated solids, liquids, and gases within the packaging.

Shipment means the specific movement of a consignment from origin to destination.

Small container means a container which has either any overall outer dimension less than 1.5 m, or an internal volume of not more than 3 m^3.

Special form radioactive material, see 2.2.7.4.1.

Specific activity of a radionuclide means the activity per unit mass of that nuclide. The specific activity of a material shall mean the activity per unit mass or volume of the material in which the radionuclides are essentially uniformly distributed.

Surface contaminated object (SCO), see 2.2.7.5.

Transport index (TI) assigned to a package, overpack or container, or to unpackaged LSA-I or SCO-I, means a number which is used to provide control over radiation exposure.

Unirradiated thorium means thorium containing not more than 10^{-7} g of uranium-233 per gram of thorium-232.

Unirradiated uranium means uranium containing not more than 2×10^{3} Bq of plutonium per gram of uranium-235, not more than 9×10^{6} Bq of fission products per gram of uranium-235 and not more than 5×10^{-3} g of uranium-236 per gram of uranium-235.

Uranium - natural, depleted, enriched means the following:

Natural uranium means chemically separated uranium containing the naturally occurring distribution of uranium isotopes (approximately 99.28% uranium-238, and 0.72% uranium-235 by mass). *Depleted uranium* means uranium containing a lesser mass percentage of uranium-235 than in natural uranium. *Enriched uranium* means uranium containing a greater mass percentage of uranium-235 than 0.72%. In all cases, a very small mass percentage of uranium-234 is present.

2.2.7.3 *Low specific activity (LSA) material, determination of groups*

2.2.7.3.1 Radioactive material which by its nature has a limited specific activity, or radioactive material for which limits of estimated average specific activity apply, is termed low specific activity or LSA material. External shielding materials surrounding the LSA material shall not be considered in determining the estimated average specific activity.

2.2.7.3.2 LSA material shall be in one of three groups:

(a) LSA-I

(i) uranium and thorium ores and concentrates of such ores, and other ores containing naturally occurring radionuclides which are intended to be processed for the use of these radionuclides;

(ii) solid unirradiated natural uranium or depleted uranium or natural thorium or their solid or liquid compounds or mixtures;

(iii) radioactive material for which the A_2 value is unlimited, excluding fissile material in quantities not excepted under 6.4.11.2; or

(iv) other radioactive material in which the activity is distributed throughout and the estimated average specific activity does not exceed 30 times the values for activity concentration specified in 2.2.7.7.2.1 to 2.2.7.7.2.6, excluding fissile material in quantities not excepted under 6.4.11.2.

(b) LSA-II

(i) water with tritium concentration up to 0.8 TBq/l; or

(ii) other material in which the activity is distributed throughout and the estimated average specific activity does not exceed 10^{-4} A_2/g for solids and gases, and 10^{-5} A_2/g for liquids;

(c) LSA-III - Solids (e.g. consolidated wastes, activated materials), excluding powders, in which:

(i) the radioactive material is distributed throughout a solid or a collection of solid objects, or is essentially uniformly distributed in a solid compact binding agent (such as concrete, bitumen, ceramic, etc.);

(ii) the radioactive material is relatively insoluble, or it is intrinsically contained in a relatively insoluble matrix, so that, even under loss of packaging, the loss of radioactive material per package by leaching when placed in water for seven days would not exceed 0.1 A_2; and

(iii) the estimated average specific activity of the solid, excluding any shielding material, does not exceed 2×10^{-3} A_2/g.

2.2.7.3.3 LSA-III material shall be a solid of such a nature that if the entire contents of a package were subjected to the test specified in 2.2.7.3.4 the activity in the water would not exceed 0.1 A_2.

2.2.7.3.4 LSA-III material shall be tested as follows:

A solid material sample representing the entire contents of the package shall be immersed for 7 days in water at ambient temperature. The volume of water to be used in the test shall be sufficient to ensure that at the end of the 7 day test period the free volume of the unabsorbed and unreacted water remaining shall be at least 10% of the volume of the solid test sample itself. The water shall have an initial pH of 6-8 and a maximum conductivity of 1 mS/m at 20 °C. The total activity of the free volume of water shall be measured following the 7 day immersion of the test sample.

2.2.7.3.5 Demonstration of compliance with the performance standards in 2.2.7.3.4 shall be in accordance with 6.4.12.1 and 6.4.12.2.

2.2.7.4 ***Requirements for special form radioactive material***

2.2.7.4.1 *Special form radioactive material* means either:

(a) An indispersible solid radioactive material; or

(b) A sealed capsule containing radioactive material that shall be so manufactured that it can be opened only by destroying the capsule.

Special form radioactive material shall have at least one dimension not less than 5 mm.

2.2.7.4.2 Special form radioactive material shall be of such a nature or shall be so designed that if it is subjected to the tests specified in 2.2.7.4.4 to 2.2.7.4.8, it shall meet the following requirements:

(a) It would not break or shatter under the impact, percussion and bending tests 2.2.7.4.5 (a)(b)(c), 2.2.7.4.6 (a) as applicable;

(b) It would not melt or disperse in the applicable heat test 2.2.7.4.5 (d) or 2.2.7.4.6 (b) as applicable; and

(c) The activity in the water from the leaching tests specified in 2.2.7.4.7 and 2.2.7.4.8 would not exceed 2 kBq; or alternatively for sealed sources, the leakage rate for the volumetric leakage assessment test specified in ISO 9978:1992 "Radiation Protection - Sealed Radioactive Sources - Leakage Test Methods", would not exceed the applicable acceptance threshold acceptable to the competent authority.

2.2.7.4.3 Demonstration of compliance with the performance standards in 2.2.7.4.2 shall be in accordance with 6.4.12.1 and 6.4.12.2.

2.2.7.4.4 Specimens that comprise or simulate special form radioactive material shall be subjected to the impact test, the percussion test, the bending test, and the heat test specified in 2.2.7.4.5 or alternative tests as authorized in 2.2.7.4.6. A different specimen may be used for each of the tests. Following each test, a leaching assessment or volumetric leakage test shall be performed on the specimen by a method no less sensitive than the methods given in 2.2.7.4.7 for indispersible solid material or 2.2.7.4.8 for encapsulated material.

2.2.7.4.5 The relevant test methods are:

(a) Impact test: The specimen shall drop onto the target from a height of 9 m. The target shall be as defined in 6.4.14;

(b) Percussion test: The specimen shall be placed on a sheet of lead which is supported by a smooth solid surface and struck by the flat face of a mild steel bar so as to cause an impact equivalent to that resulting from a free drop of 1.4 kg through 1 m. The lower part of the bar shall be 25 mm in diameter with the edges rounded off to a radius of (3.0 ± 0.3) mm. The lead, of hardness number 3.5 to 4.5 on the Vickers scale and not more than 25 mm thick, shall cover an area greater than that covered by the specimen. A fresh surface of lead shall be used for each impact. The bar shall strike the specimen so as to cause maximum damage;

(c) Bending test: The test shall apply only to long, slender sources with both a minimum length of 10 cm and a length to minimum width ratio of not less than 10. The specimen shall be rigidly clamped in a horizontal position so that one half of its length protrudes from the face of the clamp. The orientation of the specimen shall be such that the specimen will suffer maximum damage when its free end is struck by the flat face of a steel bar. The bar shall strike the specimen so as to cause an impact equivalent to that resulting from a free vertical drop of 1.4 kg through 1 m. The lower part of the bar shall be 25 mm in diameter with the edges rounded off to a radius of (3.0 ± 0.3) mm;

(d) Heat test: The specimen shall be heated in air to a temperature of 800°C and held at that temperature for a period of 10 minutes and shall then be allowed to cool.

2.2.7.4.6 Specimens that comprise or simulate radioactive material enclosed in a sealed capsule may be excepted from:

(a) The tests prescribed in 2.2.7.4.5 (a) and 2.2.7.4.5 (b) provided the mass of the special form radioactive material is less than 200 g and they are alternatively subjected to the Class 4 impact test prescribed in ISO 2919:1980 Radiation protection - Sealed radioactive sources - General requirements and Classification.

(b) The test prescribed in 2.2.7.4.5 (d) provided they are alternatively subjected to the Class 6 temperature test specified in ISO 2919:1980 and Radiation protection - Sealed radioactive sources - General requirements and Classification.

2.2.7.4.7 For specimens which comprise or simulate indispersible solid material, a leaching assessment shall be performed as follows:

(a) The specimen shall be immersed for 7 days in water at ambient temperature. The volume of water to be used in the test shall be sufficient to ensure that at the end of the 7 day test period the free volume of the unabsorbed and unreacted water remaining

shall be at least 10% of the volume of the solid test sample itself. The water shall have an initial pH of 6-8 and a maximum conductivity of 1 mS/m at 20 °C;

(b) The water with specimen shall then be heated to a temperature of (50 ± 5) °C and maintained at this temperature for 4 hours;

(c) The activity of the water shall then be determined;

(d) The specimen shall then be kept for at least 7 days in still air at not less than 30 °C and relative humidity not less than 90%;

(e) The specimen shall then be immersed in water of the same specification as in (a) above and the water with the specimen heated to (50 ± 5) °C and maintained at this temperature for 4 hours;

(f) The activity of the water shall then be determined.

2.2.7.4.8 For specimens which comprise or simulate radioactive material enclosed in a sealed capsule, either a leaching assessment or a volumetric leakage assessment shall be performed as follows:

(a) The leaching assessment shall consist of the following steps:

(i) the specimen shall be immersed in water at ambient temperature. The water shall have an initial pH of 6-8 with a maximum conductivity of 1 mS/m at 20 °C;

(ii) the water and specimen shall be heated to a temperature of (50 ± 5) °C and maintained at this temperature for 4 hours;

(iii) the activity of the water shall then be determined;

(iv) the specimen shall then be kept for at least 7 days in still air at not less than 30 °C and relative humidity of not less than 90%;

(v) the process in (i), (ii) and (iii) shall be repeated;

(b) The alternative volumetric leakage assessment shall comprise any of the tests prescribed in ISO 9978:1992 "Radiation Protection - Sealed radioactive sources - Leakage test methods", which are acceptable to the competent authority.

2.2.7.5 *Surface contaminated object (SCO), determination of groups*

Surface contaminated object (SCO) means a solid object which is not itself radioactive but which has radioactive material distributed on its surfaces. SCO is classified in one of two groups:

(a) SCO-I: A solid object on which:

(i) the non-fixed contamination on the accessible surface averaged over 300 cm^2 (or the area of the surface if less than 300 cm^2) does not exceed 4 Bq/cm^2 for beta and gamma emitters and low toxicity alpha emitters, or 0.4 Bq/cm^2 for all other alpha emitters; and

(ii) the fixed contamination on the accessible surface averaged over 300 cm^2 (or the area of the surface if less than 300 cm^2) does not exceed 4×10^4 Bq/cm^2 for beta

and gamma emitters and low toxicity alpha emitters, or 4×10^3 Bq/cm^2 for all other alpha emitters; and

(iii) the non-fixed contamination plus the fixed contamination on the inaccessible surface averaged over 300 cm^2 (or the area of the surface if less than 300 cm^2) does not exceed 4×10^4 Bq/cm^2 for beta and gamma emitters and low toxicity alpha emitters, or 4×10^3 Bq/cm^2 for all other alpha emitters;

(b) SCO-II: A solid object on which either the fixed or non-fixed contamination on the surface exceeds the applicable limits specified for SCO-I in (a) above and on which:

(i) the non-fixed contamination on the accessible surface averaged over 300 cm^2 (or the area of the surface if less than 300 cm^2) does not exceed 400 Bq/cm^2 for beta and gamma emitters and low toxicity alpha emitters, or 40 Bq/cm^2 for all other alpha emitters; and

(ii) the fixed contamination on the accessible surface, averaged over 300 cm^2 (or the area of the surface if less than 300 cm^2) does not exceed 8×10^5 Bq/cm^2 for beta and gamma emitters and low toxicity alpha emitters, or 8×10^4 Bq/cm^2 for all other alpha emitters; and

(iii) the non-fixed contamination plus the fixed contamination on the inaccessible surface averaged over 300 cm^2 (or the area of the surface if less than 300 cm^2) does not exceed 8×10^5 Bq/cm^2 for beta and gamma emitters and low toxicity alpha emitters, or 8×10^4 Bq/cm^2 for all other alpha emitters.

2.2.7.6 ***Determination of transport index (TI) and criticality safety index (CSI)***

2.2.7.6.1 *Determination of transport index*

2.2.7.6.1.1 The transport index (TI) for a package, overpack or container, or for unpackaged LSA-I or SCO-I, shall be the number derived in accordance with the following procedure:

(a) Determine the maximum radiation level in units of millisieverts per hour (mSv/h) at a distance of 1m from the external surfaces of the package, overpack, container, or unpackaged LSA-I and SCO-I. The value determined shall be multiplied by 100 and the resulting number is the transport index. For uranium and thorium ores and their concentrates, the maximum radiation level at any point 1 m from the external surface of the load may be taken as:

0.4 mSv/h for ores and physical concentrates of uranium and thorium;

0.3 mSv/h for chemical concentrates of thorium;

0.02 mSv/h for chemical concentrates of uranium, other than uranium hexafluoride;

(b) For tanks, containers and unpackaged LSA-I and SCO-I, the value determined in step (a) above shall be multiplied by the appropriate factor from Table 2.2.7.6.1.1;

(c) The value obtained in steps (a) and (b) above shall be rounded up to the first decimal place (e.g. 1.13 becomes 1.2), except that a value of 0.05 or less may be considered as zero.

Table 2.2.7.6.1.1

MULTIPLICATION FACTORS FOR LARGE DIMENSION LOADS

Size of load [a]	Multiplication factor
size of load ≤ 1 m^2	1
1 m^2 < size of load ≤ 5 m^2	2
5 m^2 < size of load ≤ 20 m^2	3
20 m^2 < size of load	10

[a] *Largest cross-sectional area of the load being measured*.

2.2.7.6.1.2 The transport index for each overpack, container, vehicle shall be determined as either the sum of the TIs of all the packages contained, or by direct measurement of radiation level, except in the case of non-rigid overpacks for which the transport index shall be determined only as the sum of the TIs of all the packages.

2.2.7.6.2 *Determination of criticality safety index (CSI)*

2.2.7.6.2.1 The criticality safety index (CSI) for packages containing fissile material shall be obtained by dividing the number 50 by the smaller of the two values of N derived in 6.4.11.11 and 6.4.11.12 (i.e. CSI = 50/N). The value of the criticality safety index may be zero, provided that an unlimited number of packages is subcritical (i.e. N is effectively equal to infinity in both cases).

2.2.7.6.2.2 The criticality safety index for each consignment shall be determined as the sum of the CSIs of all the packages contained in that consignment.

2.2.7.7 ***Activity limits and material restrictions***

2.2.7.7.1 *Contents limits for packages*

2.2.7.7.1.1 General

The quantity of radioactive material in a package shall not exceed the relevant limits for the package type as specified below.

2.2.7.7.1.2 Excepted packages

2.2.7.7.1.2.1 For radioactive material other than articles manufactured of natural uranium, depleted uranium or natural thorium, an excepted package shall not contain activities greater than the following:

(a) Where the radioactive material is enclosed in or is included as a component part of an instrument or other manufactured article, such as a clock or electronic apparatus, the limits specified in columns 2 and 3 of Table 2.2.7.7.1.2.1 for each individual item and each package, respectively; and

(b) Where the radioactive material is not so enclosed in or is not included as a component of an instrument or other manufactured article, the package limits specified in column 4 of Table 2.2.7.7.1.2.1.

Table 2.2.7.7.1.2.1

ACTIVITY LIMITS FOR EXCEPTED PACKAGES

Physical state of contents	Instruments or article	Materials

contents	Item limits [a]	Package limits [a]	Package limits
Solids			
special form	10^{-2} A_1	A_1	10^{-3} A_1
other form	10^{-2} A_2	A_2	10^{-3} A_2
Liquids	10^{-3} A_2	10^{-1} A_2	10^{-4} A_2
Gases			
tritium	2×10^{-2} A_2	2×10^{-1} A_2	2×10^{-2} A_2
special form	10^{-3} A_1	10^{-2} A_1	10^{-3} A_1
other forms	10^{-3} A_2	10^{-2} A_2	10^{-3} A_2

[a] *For mixtures of radionuclides, see 2.2.7.7.2.4 to 2.2.7.7.2.6.*

2.2.7.7.1.2.2 For articles manufactured of natural uranium, depleted uranium or natural thorium, an excepted package may contain any quantity of such material provided that the outer surface of the uranium or thorium is enclosed in an inactive sheath made of metal or some other substantial material.

2.2.7.7.1.3 Industrial packages

The radioactive contents in a single package of LSA material or in a single package of SCO shall be so restricted that the radiation level specified in 4.1.9.2.1 shall not be exceeded, and the activity in a single package shall also be so restricted that the activity limits for a vehicle specified in 7.5.11, CV33 (2) shall not be exceeded.

2.2.7.7.1.4 Type A packages

2.2.7.7.1.4.1 Type A packages shall not contain activities greater than the following:

(a) For special form radioactive material - A_1; or

(b) For all other radioactive material - A_2.

2.2.7.7.1.4.2 For mixtures of radionuclides whose identities and respective activities are known, the following condition shall apply to the radioactive contents of a Type A package:

$$\sum_i \frac{B(i)}{A_1(i)} + \sum_j \frac{C(j)}{A_2(j)} \leq 1$$

where

B(i) is the activity of radionuclide i as special form radioactive material and $A_1(i)$ is the A_1 value for radionuclide i; and

C(j) is the activity of radionuclide j as other than special form radioactive material and $A_2(j)$ is the A_2 value for radionuclide j.

2.2.7.7.1.5 Type B(U) and Type B(M) packages

2.2.7.7.1.5.1 Type B(U) and Type B(M) packages shall not contain:

(a) Activities greater than those authorized for the package design;

(b) Radionuclides different from those authorized for the package design; or

(c) Contents in a form, or a physical or chemical state different from those authorized for the package design;

as specified in their certificates of approval.

2.2.7.7.1.6 Type C packages

***NOTE**: Type C packages may be transported by air carrying radioactive material in quantities exceeding either 3 000A_1 or 100 000A_2 ,whichever is the lower for special form radioactive material, or 3 000A_2 for all other radioactive material. Whilst Type C packages are not required for carriage of radioactive material by road in such quantities (Type B(U) or Type B(M) packages suffice), the following requirements are presented since such packages may also be carried by road.*

Type C packages shall not contain:

(a) Activities greater than those authorized for the package design;

(b) Radionuclides different from those authorized for the package design; or

(c) Contents in a form, or physical or chemical state different from those authorized for the package design;

as specified in their certificates of approval.

2.2.7.7.1.7 Packages containing fissile material

Packages containing fissile material shall not contain:

(a) A mass of fissile material different from that authorized for the package design;

(b) Any radionuclide or fissile material different from those authorized for the package design; or

(c) Contents in a form or physical or chemical state, or in a spatial arrangement, different from those authorized for the package design;

as specified in their certificates of approval where appropriate.

2.2.7.7.1.8 Packages containing uranium hexafluoride

The mass of uranium hexafluoride in a package shall not exceed a value that would lead to an ullage smaller than 5% at the maximum temperature of the package as specified for the plant systems where the package shall be used. The uranium hexafluoride shall be in solid form and the internal pressure of the package shall be below atmospheric pressure when presented for carriage.

2.2.7.7.2 *Activity levels*

2.2.7.7.2.1 The following basic values for individual radionuclides are given in Table 2.2.7.7.2.1:

(a) A_1 and A_2 in TBq;

(b) Activity concentration for exempt material in Bq/g; and

(c) Activity limits for exempt consignments in Bq.

Table 2.2.7.7.2.1

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Actinium (89)				
Ac-225 (a)	8×10^{-1}	6×10^{-3}	1×10^{1}	1×10^{4}
Ac-227 (a)	9×10^{-1}	9×10^{-5}	1×10^{-1}	1×10^{3}
Ac-228	6×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{6}
Silver (47)				
Ag-105	2×10^{0}	2×10^{0}	1×10^{2}	1×10^{6}
Ag-108m (a)	7×10^{-1}	7×10^{-1}	1×10^{1} (b)	1×10^{6} (b)
Ag-110m (a)	4×10^{-1}	4×10^{-1}	1×10^{1}	1×10^{6}
Ag-111	2×10^{0}	6×10^{-1}	1×10^{3}	1×10^{6}
Aluminium (13)				
Al-26	1×10^{-1}	1×10^{-1}	1×10^{1}	1×10^{5}
Americium (95)				
Am-241	1×10^{1}	1×10^{-3}	1×10^{0}	1×10^{4}
Am-242m (a)	1×10^{1}	1×10^{-3}	1×10^{0} (b)	1×10^{4} (b)
Am-243 (a)	5×10^{0}	1×10^{-3}	1×10^{0} (b)	1×10^{3} (b)
Argon (18)				
Ar-37	4×10^{1}	4×10^{1}	1×10^{6}	1×10^{8}
Ar-39	4×10^{1}	2×10^{1}	1×10^{7}	1×10^{4}
Ar-41	3×10^{-1}	3×10^{-1}	1×10^{2}	1×10^{9}
Arsenic (33)				
As-72	3×10^{-1}	3×10^{-1}	1×10^{1}	1×10^{5}
As-73	4×10^{1}	4×10^{1}	1×10^{3}	1×10^{7}
As-74	1×10^{0}	9×10^{-1}	1×10^{1}	1×10^{6}
As-76	3×10^{-1}	3×10^{-1}	1×10^{2}	1×10^{5}
As-77	2×10^{1}	7×10^{-1}	1×10^{3}	1×10^{6}
Astatine (85)				
At-211 (a)	2×10^{1}	5×10^{-1}	1×10^{3}	1×10^{7}
Gold (79)				
Au-193	7×10^{0}	2×10^{0}	1×10^{2}	1×10^{7}
Au-194	1×10^{0}	1×10^{0}	1×10^{1}	1×10^{6}
Au-195	1×10^{1}	6×10^{0}	1×10^{2}	1×10^{7}
Au-198	1×10^{0}	6×10^{-1}	1×10^{2}	1×10^{6}

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Au-199	1×10^{1}	6×10^{-1}	1×10^{2}	1×10^{6}
Barium (56)				
Ba-131 (a)	2×10^{0}	2×10^{0}	1×10^{2}	1×10^{6}
Ba-133	3×10^{0}	3×10^{0}	1×10^{2}	1×10^{6}
Ba-133m	2×10^{1}	6×10^{-1}	1×10^{2}	1×10^{6}
Ba-140 (a)	5×10^{-1}	3×10^{-1}	1×10^{1} (b)	1×10^{5} (b)
Beryllium (4)				
Be-7	2×10^{1}	2×10^{1}	1×10^{3}	1×10^{7}
Be-10	4×10^{1}	6×10^{-1}	1×10^{4}	1×10^{6}
Bismuth (83)				
Bi-205	7×10^{-1}	7×10^{-1}	1×10^{1}	1×10^{6}
Bi-206	3×10^{-1}	3×10^{-1}	1×10^{1}	1×10^{5}
Bi-207	7×10^{-1}	7×10^{-1}	1×10^{1}	1×10^{6}
Bi-210	1×10^{0}	6×10^{-1}	1×10^{3}	1×10^{6}
Bi-210m (a)	6×10^{-1}	2×10^{-2}	1×10^{1}	1×10^{5}
Bi-212 (a)	7×10^{-1}	6×10^{-1}	1×10^{1} (b)	1×10^{5} (b)
Berkelium (97)				
Bk-247	8×10^{0}	8×10^{-4}	1×10^{0}	1×10^{4}
Bk-249 (a)	4×10^{1}	3×10^{-1}	1×10^{3}	1×10^{6}
Bromine (35)				
Br-76	4×10^{-1}	4×10^{-1}	1×10^{1}	1×10^{5}
Br-77	3×10^{0}	3×10^{0}	1×10^{2}	1×10^{6}
Br-82	4×10^{-1}	4×10^{-1}	1×10^{1}	1×10^{6}
Carbon (6)				
C-11	1×10^{0}	6×10^{-1}	1×10^{1}	1×10^{6}
C-14	4×10^{1}	3×10^{0}	1×10^{4}	1×10^{7}
Calcium (20)				
Ca-41	Unlimited	Unlimited	1×10^{5}	1×10^{7}
Ca-45	4×10^{1}	1×10^{0}	1×10^{4}	1×10^{7}
Ca-47 (a)	3×10^{0}	3×10^{-1}	1×10^{1}	1×10^{6}
Cadmium (48)				
Cd-109	3×10^{1}	2×10^{0}	1×10^{4}	1×10^{6}
Cd-113m	4×10^{1}	5×10^{-1}	1×10^{3}	1×10^{6}

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Cd-115 (a)	3×10^{0}	4×10^{-1}	1×10^{2}	1×10^{6}
Cd-115m	5×10^{-1}	5×10^{-1}	1×10^{3}	1×10^{6}
Cerium (58)				
Ce-139	7×10^{0}	2×10^{0}	1×10^{2}	1×10^{6}
Ce-141	2×10^{1}	6×10^{-1}	1×10^{2}	1×10^{7}
Ce-143	9×10^{-1}	6×10^{-1}	1×10^{2}	1×10^{6}
Ce-144 (a)	2×10^{-1}	2×10^{-1}	1×10^{2} (b)	1×10^{5} (b)
Californium (98)				
Cf-248	4×10^{1}	6×10^{-3}	1×10^{1}	1×10^{4}
Cf-249	3×10^{0}	8×10^{-4}	1×10^{0}	1×10^{3}
Cf-250	2×10^{1}	2×10^{-3}	1×10^{1}	1×10^{4}
Cf-251	7×10^{0}	7×10^{-4}	1×10^{0}	1×10^{3}
Cf-252	5×10^{-2}	3×10^{-3}	1×10^{1}	1×10^{4}
Cf-253 (a)	4×10^{1}	4×10^{-2}	1×10^{2}	1×10^{5}
Cf-254	1×10^{-3}	1×10^{-3}	1×10^{0}	1×10^{3}
Chlorine (17)				
Cl-36	1×10^{1}	6×10^{-1}	1×10^{4}	1×10^{6}
Cl-38	2×10^{-1}	2×10^{-1}	1×10^{1}	1×10^{5}
Curium (96)				
Cm-240	4×10^{1}	2×10^{-2}	1×10^{2}	1×10^{5}
Cm-241	2×10^{0}	1×10^{0}	1×10^{2}	1×10^{6}
Cm-242	4×10^{1}	1×10^{-2}	1×10^{2}	1×10^{5}
Cm-243	9×10^{0}	1×10^{-3}	1×10^{0}	1×10^{4}
Cm-244	2×10^{1}	2×10^{-3}	1×10^{1}	1×10^{4}
Cm-245	9×10^{0}	9×10^{-4}	1×10^{0}	1×10^{3}
Cm-246	9×10^{0}	9×10^{-4}	1×10^{0}	1×10^{3}
Cm-247 (a)	3×10^{0}	1×10^{-3}	1×10^{0}	1×10^{4}
Cm-248	2×10^{-2}	3×10^{-4}	1×10^{0}	1×10^{3}
Cobalt (27)				
Co-55	5×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{6}
Co-56	3×10^{-1}	3×10^{-1}	1×10^{1}	1×10^{5}
Co-57	1×10^{1}	1×10^{1}	1×10^{2}	1×10^{6}
Co-58	1×10^{0}	1×10^{0}	1×10^{1}	1×10^{6}

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Co-58m	4×10^{1}	4×10^{1}	1×10^{4}	1×10^{7}
Co-60	4×10^{-1}	4×10^{-1}	1×10^{1}	1×10^{5}
Chromium (24)				
Cr-51	3×10^{1}	3×10^{1}	1×10^{3}	1×10^{7}
Caesium (55)				
Cs-129	4×10^{0}	4×10^{0}	1×10^{2}	1×10^{5}
Cs-131	3×10^{1}	3×10^{1}	1×10^{3}	1×10^{6}
Cs-132	1×10^{0}	1×10^{0}	1×10^{1}	1×10^{5}
Cs-134	7×10^{-1}	7×10^{-1}	1×10^{1}	1×10^{4}
Cs-134m	4×10^{1}	6×10^{-1}	1×10^{3}	1×10^{5}
Cs-135	4×10^{1}	1×10^{0}	1×10^{4}	1×10^{7}
Cs-136	5×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{5}
Cs-137 (a)	2×10^{0}	6×10^{-1}	1×10^{1} (b)	1×10^{4} (b)
Copper (29)				
Cu-64	6×10^{0}	1×10^{0}	1×10^{2}	1×10^{6}
Cu-67	1×10^{1}	7×10^{-1}	1×10^{2}	1×10^{6}
Dysprosium (66)				
Dy-159	2×10^{1}	2×10^{1}	1×10^{3}	1×10^{7}
Dy-165	9×10^{-1}	6×10^{-1}	1×10^{3}	1×10^{6}
Dy-166 (a)	9×10^{-1}	3×10^{-1}	1×10^{3}	1×10^{6}
Erbium (68)				
Er-169	4×10^{1}	1×10^{0}	1×10^{4}	1×10^{7}
Er-171	8×10^{-1}	5×10^{-1}	1×10^{2}	1×10^{6}
Europium (63)				
Eu-147	2×10^{0}	2×10^{0}	1×10^{2}	1×10^{6}
Eu-148	5×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{6}
Eu-149	2×10^{1}	2×10^{1}	1×10^{2}	1×10^{7}
Eu-150(short lived)	2×10^{0}	7×10^{-1}	1×10^{3}	1×10^{6}
Eu-150(long lived)	7×10^{-1}	7×10^{-1}	1×10^{1}	1×10^{6}
Eu-152	1×10^{0}	1×10^{0}	1×10^{1}	1×10^{6}
Eu-152m	8×10^{-1}	8×10^{-1}	1×10^{2}	1×10^{6}
Eu-154	9×10^{-1}	6×10^{-1}	1×10^{1}	1×10^{6}
Eu-155	2×10^{1}	3×10^{0}	1×10^{2}	1×10^{7}

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Eu-156	7×10^{-1}	7×10^{-1}	1×10^{1}	1×10^{6}
Fluorine (9)				
F-18	1×10^{0}	6×10^{-1}	1×10^{1}	1×10^{6}
Iron (26)				
Fe-52 (a)	3×10^{-1}	3×10^{-1}	1×10^{1}	1×10^{6}
Fe-55	4×10^{1}	4×10^{1}	1×10^{4}	1×10^{6}
Fe-59	9×10^{-1}	9×10^{-1}	1×10^{1}	1×10^{6}
Fe-60 (a)	4×10^{1}	2×10^{-1}	1×10^{2}	1×10^{5}
Gallium (31)				
Ga-67	7×10^{0}	3×10^{0}	1×10^{2}	1×10^{6}
Ga-68	5×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{5}
Ga-72	4×10^{-1}	4×10^{-1}	1×10^{1}	1×10^{5}
Gadolinium (64)				
Gd-146 (a)	5×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{6}
Gd-148	2×10^{1}	2×10^{-3}	1×10^{1}	1×10^{4}
Gd-153	1×10^{1}	9×10^{0}	1×10^{2}	1×10^{7}
Gd-159	3×10^{0}	6×10^{-1}	1×10^{3}	1×10^{6}
Germanium (32)				
Ge-68 (a)	5×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{5}
Ge-71	4×10^{1}	4×10^{1}	1×10^{4}	1×10^{8}
Ge-77	3×10^{-1}	3×10^{-1}	1×10^{1}	1×10^{5}
Hafnium (72)				
Hf-172 (a)	6×10^{-1}	6×10^{-1}	1×10^{1}	1×10^{6}
Hf-175	3×10^{0}	3×10^{0}	1×10^{2}	1×10^{6}
Hf-181	2×10^{0}	5×10^{-1}	1×10^{1}	1×10^{6}
Hf-182	Unlimited	Unlimited	1×10^{2}	1×10^{6}
Mercury (80)				
Hg-194 (a)	1×10^{0}	1×10^{0}	1×10^{1}	1×10^{6}
Hg-195m (a)	3×10^{0}	7×10^{-1}	1×10^{2}	1×10^{6}
Hg-197	2×10^{1}	1×10^{1}	1×10^{2}	1×10^{7}
Hg-197m	1×10^{1}	4×10^{-1}	1×10^{2}	1×10^{6}
Hg-203	5×10^{0}	1×10^{0}	1×10^{2}	1×10^{5}

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Holmium (67)				
Ho-166	4×10^{-1}	4×10^{-1}	1×10^{3}	1×10^{5}
Ho-166m	6×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{6}
Iodine (53)				
I-123	6×10^{0}	3×10^{0}	1×10^{2}	1×10^{7}
I-124	1×10^{0}	1×10^{0}	1×10^{1}	1×10^{6}
I-125	2×10^{1}	3×10^{0}	1×10^{3}	1×10^{6}
I-126	2×10^{0}	1×10^{0}	1×10^{2}	1×10^{6}
I-129	Unlimited	Unlimited	1×10^{2}	1×10^{5}
I-131	3×10^{0}	7×10^{-1}	1×10^{2}	1×10^{6}
I-132	4×10^{-1}	4×10^{-1}	1×10^{1}	1×10^{5}
I-133	7×10^{-1}	6×10^{-1}	1×10^{1}	1×10^{6}
I-134	3×10^{-1}	3×10^{-1}	1×10^{1}	1×10^{5}
I-135 (a)	6×10^{-1}	6×10^{-1}	1×10^{1}	1×10^{6}
Indium (49)				
In-111	3×10^{0}	3×10^{0}	1×10^{2}	1×10^{6}
In-113m	4×10^{0}	2×10^{0}	1×10^{2}	1×10^{6}
In-114m (a)	1×10^{1}	5×10^{-1}	1×10^{2}	1×10^{6}
In-115m	7×10^{0}	1×10^{0}	1×10^{2}	1×10^{6}
Iridium (77)				
Ir-189 (a)	1×10^{1}	1×10^{1}	1×10^{2}	1×10^{7}
Ir-190	7×10^{-1}	7×10^{-1}	1×10^{1}	1×10^{6}
Ir-192	1×10^{0}(c)	6×10^{-1}	1×10^{1}	1×10^{4}
Ir-194	3×10^{-1}	3×10^{-1}	1×10^{2}	1×10^{5}
Potassium (19)				
K-40	9×10^{-1}	9×10^{-1}	1×10^{2}	1×10^{6}
K-42	2×10^{-1}	2×10^{-1}	1×10^{2}	1×10^{6}
K-43	7×10^{-1}	6×10^{-1}	1×10^{1}	1×10^{6}
Krypton (36)				
Kr-79	4×10^{0}	1×10^{0}	1×10^{3}	1×10^{5}
Kr-81	4×10^{1}	4×10^{1}	1×10^{4}	1×10^{7}
Kr-85	1×10^{1}	1×10^{1}	1×10^{5}	1×10^{4}
Kr-85m	8×10^{0}	3×10^{0}	1×10^{3}	1×10^{10}

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Kr-87	2×10^{-1}	2×10^{-1}	1×10^{2}	1×10^{9}
Lanthanum (57)				
La-137	3×10^{1}	6×10^{0}	1×10^{3}	1×10^{7}
La-140	4×10^{-1}	4×10^{-1}	1×10^{1}	1×10^{5}
Lutetium (71)				
Lu-172	6×10^{-1}	6×10^{-1}	1×10^{1}	1×10^{6}
Lu-173	8×10^{0}	8×10^{0}	1×10^{2}	1×10^{7}
Lu-174	9×10^{0}	9×10^{0}	1×10^{2}	1×10^{7}
Lu-174m	2×10^{1}	1×10^{1}	1×10^{2}	1×10^{7}
Lu-177	3×10^{1}	7×10^{-1}	1×10^{3}	1×10^{7}
Magnesium (12)				
Mg-28 (a)	3×10^{-1}	3×10^{-1}	1×10^{1}	1×10^{5}
Manganese (25)				
Mn-52	3×10^{-1}	3×10^{-1}	1×10^{1}	1×10^{5}
Mn-53	Unlimited	Unlimited	1×10^{4}	1×10^{9}
Mn-54	1×10^{0}	1×10^{0}	1×10^{1}	1×10^{6}
Mn-56	3×10^{-1}	3×10^{-1}	1×10^{1}	1×10^{5}
Molybdenum (42)				
Mo-93	4×10^{1}	2×10^{1}	1×10^{3}	1×10^{8}
Mo-99 (a)	1×10^{0}	6×10^{-1}	1×10^{2}	1×10^{6}
Nitrogen (7)				
N-13	9×10^{-1}	6×10^{-1}	1×10^{2}	1×10^{9}
Sodium (11)				
Na-22	5×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{6}
Na-24	2×10^{-1}	2×10^{-1}	1×10^{1}	1×10^{5}
Niobium (41)				
Nb-93m	4×10^{1}	3×10^{1}	1×10^{4}	1×10^{7}
Nb-94	7×10^{-1}	7×10^{-1}	1×10^{1}	1×10^{6}
Nb-95	1×10^{0}	1×10^{0}	1×10^{1}	1×10^{6}
Nb-97	9×10^{-1}	6×10^{-1}	1×10^{1}	1×10^{6}
Neodymium (60)				
Nd-147	6×10^{0}	6×10^{-1}	1×10^{2}	1×10^{6}
Nd-149	6×10^{-1}	5×10^{-1}	1×10^{2}	1×10^{6}

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Nickel (28)				
Ni-59	Unlimited	Unlimited	1×10^4	1×10^8
Ni-63	4×10^1	3×10^1	1×10^5	1×10^8
Ni-65	4×10^{-1}	4×10^{-1}	1×10^1	1×10^6
Neptunium (93)				
Np-235	4×10^1	4×10^1	1×10^3	1×10^7
Np-236(short-lived)	2×10^1	2×10^0	1×10^3	1×10^7
Np-236(long-lived)	9×10^0	2×10^{-2}	1×10^2	1×10^5
Np-237	2×10^1	2×10^{-3}	1×10^0 (b)	1×10^3 (b)
Np-239	7×10^0	4×10^{-1}	1×10^2	1×10^7
Osmium (76)				
Os-185	1×10^0	1×10^0	1×10^1	1×10^6
Os-191	1×10^1	2×10^0	1×10^2	1×10^7
Os-191m	4×10^1	3×10^1	1×10^3	1×10^7
Os-193	2×10^0	6×10^{-1}	1×10^2	1×10^6
Os-194 (a)	3×10^{-1}	3×10^{-1}	1×10^2	1×10^5
Phosphorus (15)				
P-32	5×10^{-1}	5×10^{-1}	1×10^3	1×10^5
P-33	4×10^1	1×10^0	1×10^5	1×10^8
Protactinium (91)				
Pa-230 (a)	2×10^0	7×10^{-2}	1×10^1	1×10^6
Pa-231	4×10^0	4×10^{-4}	1×10^0	1×10^3
Pa-233	5×10^0	7×10^{-1}	1×10^2	1×10^7
Lead (82)				
Pb-201	1×10^0	1×10^0	1×10^1	1×10^6
Pb-202	4×10^1	2×10^1	1×10^3	1×10^6
Pb-203	4×10^0	3×10^0	1×10^2	1×10^6
Pb-205	Unlimited	Unlimited	1×10^4	1×10^7
Pb-210 (a)	1×10^0	5×10^{-2}	1×10^1 (b)	1×10^4 (b)
Pb-212 (a)	7×10^{-1}	2×10^{-1}	1×10^1 (b)	1×10^5 (b)
Palladium (46)				
Pd-103 (a)	4×10^1	4×10^1	1×10^3	1×10^8
Pd-107	Unlimited	Unlimited	1×10^5	1×10^8

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Pd-109	2×10^{0}	5×10^{-1}	1×10^{3}	1×10^{6}
Promethium (61)				
Pm-143	3×10^{0}	3×10^{0}	1×10^{2}	1×10^{6}
Pm-144	7×10^{-1}	7×10^{-1}	1×10^{1}	1×10^{6}
Pm-145	3×10^{1}	1×10^{1}	1×10^{3}	1×10^{7}
Pm-147	4×10^{1}	2×10^{0}	1×10^{4}	1×10^{7}
Pm-148m (a)	8×10^{-1}	7×10^{-1}	1×10^{1}	1×10^{6}
Pm-149	2×10^{0}	6×10^{-1}	1×10^{3}	1×10^{6}
Pm-151	2×10^{0}	6×10^{-1}	1×10^{2}	1×10^{6}
Polonium (84)				
Po-210	4×10^{1}	2×10^{-2}	1×10^{1}	1×10^{4}
Praseodymium (59)				
Pr-142	4×10^{-1}	4×10^{-1}	1×10^{2}	1×10^{5}
Pr-143	3×10^{0}	6×10^{-1}	1×10^{4}	1×10^{6}
Platinum (78)				
Pt-188 (a)	1×10^{0}	8×10^{-1}	1×10^{1}	1×10^{6}
Pt-191	4×10^{0}	3×10^{0}	1×10^{2}	1×10^{6}
Pt-193	4×10^{1}	4×10^{1}	1×10^{4}	1×10^{7}
Pt-193m	4×10^{1}	5×10^{-1}	1×10^{3}	1×10^{7}
Pt-195m	1×10^{1}	5×10^{-1}	1×10^{2}	1×10^{6}
Pt-197	2×10^{1}	6×10^{-1}	1×10^{3}	1×10^{6}
Pt-197m	1×10^{1}	6×10^{-1}	1×10^{2}	1×10^{6}
Plutonium (94)				
Pu-236	3×10^{1}	3×10^{-3}	1×10^{1}	1×10^{4}
Pu-237	2×10^{1}	2×10^{1}	1×10^{3}	1×10^{7}
Pu-238	1×10^{1}	1×10^{-3}	1×10^{0}	1×10^{4}
Pu-239	1×10^{1}	1×10^{-3}	1×10^{0}	1×10^{4}
Pu-240	1×10^{1}	1×10^{-3}	1×10^{0}	1×10^{3}
Pu-241 (a)	4×10^{1}	6×10^{-2}	1×10^{2}	1×10^{5}
Pu-242	1×10^{1}	1×10^{-3}	1×10^{0}	1×10^{4}
Pu-244 (a)	4×10^{-1}	1×10^{-3}	1×10^{0}	1×10^{4}
Radium (88)				
Ra-223 (a)	4×10^{-1}	7×10^{-3}	1×10^{2} (b)	1×10^{5} (b)

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Ra-224 (a)	4×10^{-1}	2×10^{-2}	1×10^{1} (b)	1×10^{5} (b)
Ra-225 (a)	2×10^{-1}	4×10^{-3}	1×10^{2}	1×10^{5}
Ra-226 (a)	2×10^{-1}	3×10^{-3}	1×10^{1} (b)	1×10^{4} (b)
Ra-228 (a)	6×10^{-1}	2×10^{-2}	1×10^{1} (b)	1×10^{5} (b)
Rubidium (37)				
Rb-81	2×10^{0}	8×10^{-1}	1×10^{1}	1×10^{6}
Rb-83 (a)	2×10^{0}	2×10^{0}	1×10^{2}	1×10^{6}
Rb-84	1×10^{0}	1×10^{0}	1×10^{1}	1×10^{6}
Rb-86	5×10^{-1}	5×10^{-1}	1×10^{2}	1×10^{5}
Rb-87	Unlimited	Unlimited	1×10^{4}	1×10^{7}
Rb(nat)	Unlimited	Unlimited	1×10^{4}	1×10^{7}
Rhenium (75)				
Re-184	1×10^{0}	1×10^{0}	1×10^{1}	1×10^{6}
Re-184m	3×10^{0}	1×10^{0}	1×10^{2}	1×10^{6}
Re-186	2×10^{0}	6×10^{-1}	1×10^{3}	1×10^{6}
Re-187	Unlimited	Unlimited	1×10^{6}	1×10^{9}
Re-188	4×10^{-1}	4×10^{-1}	1×10^{2}	1×10^{5}
Re-189 (a)	3×10^{0}	6×10^{-1}	1×10^{2}	1×10^{6}
Re(nat)	Unlimited	Unlimited	1×10^{6}	1×10^{9}
Rhodium (45)				
Rh-99	2×10^{0}	2×10^{0}	1×10^{1}	1×10^{6}
Rh-101	4×10^{0}	3×10^{0}	1×10^{2}	1×10^{7}
Rh-102	5×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{6}
Rh-102m	2×10^{0}	2×10^{0}	1×10^{2}	1×10^{6}
Rh-103m	4×10^{1}	4×10^{1}	1×10^{4}	1×10^{8}
Rh-105	1×10^{1}	8×10^{-1}	1×10^{2}	1×10^{7}
Radon (86)				
Rn-222 (a)	3×10^{-1}	4×10^{-3}	1×10^{1} (b)	1×10^{8} (b)
Ruthenium (44)				
Ru-97	5×10^{0}	5×10^{0}	1×10^{2}	1×10^{7}
Ru-103 (a)	2×10^{0}	2×10^{0}	1×10^{2}	1×10^{6}
Ru-105	1×10^{0}	6×10^{-1}	1×10^{1}	1×10^{6}
Ru-106 (a)	2×10^{-1}	2×10^{-1}	1×10^{2} (b)	1×10^{5} (b)

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Sulphur (16)				
S-35	4×10^{1}	3×10^{0}	1×10^{5}	1×10^{8}
Antimony (51)				
Sb-122	4×10^{-1}	4×10^{-1}	1×10^{2}	1×10^{4}
Sb-124	6×10^{-1}	6×10^{-1}	1×10^{1}	1×10^{6}
Sb-125	2×10^{0}	1×10^{0}	1×10^{2}	1×10^{6}
Sb-126	4×10^{-1}	4×10^{-1}	1×10^{1}	1×10^{5}
Scandium (21)				
Sc-44	5×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{5}
Sc-46	5×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{6}
Sc-47	1×10^{1}	7×10^{-1}	1×10^{2}	1×10^{6}
Sc-48	3×10^{-1}	3×10^{-1}	1×10^{1}	1×10^{5}
Selenium (34)				
Se-75	3×10^{0}	3×10^{0}	1×10^{2}	1×10^{6}
Se-79	4×10^{1}	2×10^{0}	1×10^{4}	1×10^{7}
Silicon (14)				
Si-31	6×10^{-1}	6×10^{-1}	1×10^{3}	1×10^{6}
Si-32	4×10^{1}	5×10^{-1}	1×10^{3}	1×10^{6}
Samarium (62)				
Sm-145	1×10^{1}	1×10^{1}	1×10^{2}	1×10^{7}
Sm-147	Unlimited	Unlimited	1×10^{1}	1×10^{4}
Sm-151	4×10^{1}	1×10^{1}	1×10^{4}	1×10^{8}
Sm-153	9×10^{0}	6×10^{-1}	1×10^{2}	1×10^{6}
Tin (50)				
Sn-113 (a)	4×10^{0}	2×10^{0}	1×10^{3}	1×10^{7}
Sn-117m	7×10^{0}	4×10^{-1}	1×10^{2}	1×10^{6}
Sn-119m	4×10^{1}	3×10^{1}	1×10^{3}	1×10^{7}
Sn-121m (a)	4×10^{1}	9×10^{-1}	1×10^{3}	1×10^{7}
Sn-123	8×10^{-1}	6×10^{-1}	1×10^{3}	1×10^{6}
Sn-125	4×10^{-1}	4×10^{-1}	1×10^{2}	1×10^{5}
Sn-126 (a)	6×10^{-1}	4×10^{-1}	1×10^{1}	1×10^{5}
Strontium (38)				
Sr-82 (a)	2×10^{-1}	2×10^{-1}	1×10^{1}	1×10^{5}

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Sr-85	2×10^{0}	2×10^{0}	1×10^{2}	1×10^{6}
Sr-85m	5×10^{0}	5×10^{0}	1×10^{2}	1×10^{7}
Sr-87m	3×10^{0}	3×10^{0}	1×10^{2}	1×10^{6}
Sr-89	6×10^{-1}	6×10^{-1}	1×10^{3}	1×10^{6}
Sr-90 (a)	3×10^{-1}	3×10^{-1}	1×10^{2} (b)	1×10^{4} (b)
Sr-91 (a)	3×10^{-1}	3×10^{-1}	1×10^{1}	1×10^{5}
Sr-92 (a)	1×10^{0}	3×10^{-1}	1×10^{1}	1×10^{6}
Tritium (1)				
T(H-3)	4×10^{1}	4×10^{1}	1×10^{6}	1×10^{9}
Tantalum (73)				
Ta-178(long-lived)	1×10^{0}	8×10^{-1}	1×10^{1}	1×10^{6}
Ta-179	3×10^{1}	3×10^{1}	1×10^{3}	1×10^{7}
Ta-182	9×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{4}
Terbium (65)				
Tb-157	4×10^{1}	4×10^{1}	1×10^{4}	1×10^{7}
Tb-158	1×10^{0}	1×10^{0}	1×10^{1}	1×10^{6}
Tb-160	1×10^{0}	6×10^{-1}	1×10^{1}	1×10^{6}
Technetium (43)				
Tc-95m (a)	2×10^{0}	2×10^{0}	1×10^{1}	1×10^{6}
Tc-96	4×10^{-1}	4×10^{-1}	1×10^{1}	1×10^{6}
Tc-96m (a)	4×10^{-1}	4×10^{-1}	1×10^{3}	1×10^{7}
Tc-97	Unlimited	Unlimited	1×10^{3}	1×10^{8}
Tc-97m	4×10^{1}	1×10^{0}	1×10^{3}	1×10^{7}
Tc-98	8×10^{-1}	7×10^{-1}	1×10^{1}	1×10^{6}
Tc-99	4×10^{1}	9×10^{-1}	1×10^{4}	1×10^{7}
Tc-99m	1×10^{1}	4×10^{0}	1×10^{2}	1×10^{7}
Tellurium (52)				
Te-121	2×10^{0}	2×10^{0}	1×10^{1}	1×10^{6}
Te-121m	5×10^{0}	3×10^{0}	1×10^{2}	1×10^{5}
Te-123m	8×10^{0}	1×10^{0}	1×10^{2}	1×10^{7}
Te-125m	2×10^{1}	9×10^{-1}	1×10^{3}	1×10^{7}
Te-127	2×10^{1}	7×10^{-1}	1×10^{3}	1×10^{6}
Te-127m (a)	2×10^{1}	5×10^{-1}	1×10^{3}	1×10^{7}

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Te-129	7×10^{-1}	6×10^{-1}	1×10^{2}	1×10^{6}
Te-129m (a)	8×10^{-1}	4×10^{-1}	1×10^{3}	1×10^{6}
Te-131m (a)	7×10^{-1}	5×10^{-1}	1×10^{1}	1×10^{6}
Te-132 (a)	5×10^{-1}	4×10^{-1}	1×10^{2}	1×10^{7}
Thorium (90)				
Th-227	1×10^{1}	5×10^{-3}	1×10^{1}	1×10^{4}
Th-228 (a)	5×10^{-1}	1×10^{-3}	1×10^{0} (b)	1×10^{4} (b)
Th-229	5×10^{0}	5×10^{-4}	1×10^{0} (b)	1×10^{3} (b)
Th-230	1×10^{1}	1×10^{-3}	1×10^{0}	1×10^{4}
Th-231	4×10^{1}	2×10^{-2}	1×10^{3}	1×10^{7}
Th-232	Unlimited	Unlimited	1×10^{1}	1×10^{4}
Th-234 (a)	3×10^{-1}	3×10^{-1}	1×10^{3} (b)	1×10^{5} (b)
Th(nat)	Unlimited	Unlimited	1×10^{0} (b)	1×10^{3} (b)
Titanium (22)				
Ti-44 (a)	5×10^{-1}	4×10^{-1}	1×10^{1}	1×10^{5}
Thallium (81)				
Tl-200	9×10^{-1}	9×10^{-1}	1×10^{1}	1×10^{6}
Tl-201	1×10^{1}	4×10^{0}	1×10^{2}	1×10^{6}
Tl-202	2×10^{0}	2×10^{0}	1×10^{2}	1×10^{6}
Tl-204	1×10^{1}	7×10^{-1}	1×10^{4}	1×10^{4}
Thulium (69)				
Tm-167	7×10^{0}	8×10^{-1}	1×10^{2}	1×10^{6}
Tm-170	3×10^{0}	6×10^{-1}	1×10^{3}	1×10^{6}
Tm-171	4×10^{1}	4×10^{1}	1×10^{4}	1×10^{8}
Uranium (92)				
U-230 (fast lung absorption) (a)(d)	4×10^{1}	1×10^{-1}	1×10^{1} (b)	1×10^{5} (b)
U-230 (medium lung absorption) (a)(e)	4×10^{1}	4×10^{-3}	1×10^{1}	1×10^{4}
U-230 (slow lung absorption) (a)(f)	3×10^{1}	3×10^{-3}	1×10^{1}	1×10^{4}
U-232 (fast lung absorption) (d)	4×10^{1}	1×10^{-2}	1×10^{0} (b)	1×10^{3} (b)
U-232 (medium lung absorption) (e)	4×10^{1}	7×10^{-3}	1×10^{1}	1×10^{4}
U-232 (slow lung absorption) (f)	1×10^{1}	1×10^{-3}	1×10^{1}	1×10^{4}
U-233 (fast lung absorption) (d)	4×10^{1}	9×10^{-2}	1×10^{1}	1×10^{4}
U-233 (medium lung absorption) (e)	4×10^{1}	2×10^{-2}	1×10^{2}	1×10^{5}

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
U-233 (slow lung absorption) (f)	4×10^{1}	6×10^{-3}	1×10^{1}	1×10^{5}
U-234 (fast lung absorption) (d)	4×10^{1}	9×10^{-2}	1×10^{1}	1×10^{4}
U-234 (medium lung absorption) (e)	4×10^{1}	2×10^{-2}	1×10^{2}	1×10^{5}
U-234 (slow lung absorption) (f)	4×10^{1}	6×10^{-3}	1×10^{1}	1×10^{5}
U-235 (all lung absorption types) (a)(d)(e)(f)	Unlimited	Unlimited	1×10^{1} (b)	1×10^{4} (b)
U-236 (fast lung absorption) (d)	Unlimited	Unlimited	1×10^{1}	1×10^{4}
U-236 (medium lung absorption) (e)	4×10^{1}	2×10^{-2}	1×10^{2}	1×10^{5}
U-236 (slow lung absorption) (f)	4×10^{1}	6×10^{-3}	1×10^{1}	1×10^{4}
U-238 (all lung absorption types) (d)(e)(f)	Unlimited	Unlimited	1×10^{1} (b)	1×10^{4} (b)
U (nat)	Unlimited	Unlimited	1×10^{0} (b)	1×10^{3} (b)
U (enriched to 20% or less) (g)	Unlimited	Unlimited	1×10^{0}	1×10^{3}
U (dep)	Unlimited	Unlimited	1×10^{0}	1×10^{3}
Vanadium (23)				
V-48	4×10^{-1}	4×10^{-1}	1×10^{1}	1×10^{5}
V-49	4×10^{1}	4×10^{1}	1×10^{4}	1×10^{7}
Tungsten (74)				
W-178 (a)	9×10^{0}	5×10^{0}	1×10^{1}	1×10^{6}
W-181	3×10^{1}	3×10^{1}	1×10^{3}	1×10^{7}
W-185	4×10^{1}	8×10^{-1}	1×10^{4}	1×10^{7}
W-187	2×10^{0}	6×10^{-1}	1×10^{2}	1×10^{6}
W-188 (a)	4×10^{-1}	3×10^{-1}	1×10^{2}	1×10^{5}
Xenon (54)				
Xe-122 (a)	4×10^{-1}	4×10^{-1}	1×10^{2}	1×10^{9}
Xe-123	2×10^{0}	7×10^{-1}	1×10^{2}	1×10^{9}
Xe-127	4×10^{0}	2×10^{0}	1×10^{3}	1×10^{5}
Xe-131m	4×10^{1}	4×10^{1}	1×10^{4}	1×10^{4}
Xe-133	2×10^{1}	1×10^{1}	1×10^{3}	1×10^{4}
Xe-135	3×10^{0}	2×10^{0}	1×10^{3}	1×10^{10}
Yttrium (39)				
Y-87 (a)	1×10^{0}	1×10^{0}	1×10^{1}	1×10^{6}
Y-88	4×10^{-1}	4×10^{-1}	1×10^{1}	1×10^{6}
Y-90	3×10^{-1}	3×10^{-1}	1×10^{3}	1×10^{5}
Y-91	6×10^{-1}	6×10^{-1}	1×10^{3}	1×10^{6}

Radionuclide (atomic number)	A_1 (TBq)	A_2 (TBq)	Activity concentration for exempt material (Bq/g)	Activity limit for an exempt consignment (Bq)
Y-91m	2×10^{0}	2×10^{0}	1×10^{2}	1×10^{6}
Y-92	2×10^{-1}	2×10^{-1}	1×10^{2}	1×10^{5}
Y-93	3×10^{-1}	3×10^{-1}	1×10^{2}	1×10^{5}
Ytterbium (70)				
Yb-169	4×10^{0}	1×10^{0}	1×10^{2}	1×10^{7}
Yb-175	3×10^{1}	9×10^{-1}	1×10^{3}	1×10^{7}
Zinc (30)				
Zn-65	2×10^{0}	2×10^{0}	1×10^{1}	1×10^{6}
Zn-69	3×10^{0}	6×10^{-1}	1×10^{4}	1×10^{6}
Zn-69m (a)	3×10^{0}	6×10^{-1}	1×10^{2}	1×10^{6}
Zirconium (40)				
Zr-88	3×10^{0}	3×10^{0}	1×10^{2}	1×10^{6}
Zr-93	Unlimited	Unlimited	1×10^{3} (b)	1×10^{7} (b)
Zr-95 (a)	2×10^{0}	8×10^{-1}	1×10^{1}	1×10^{6}
Zr-97 (a)	4×10^{-1}	4×10^{-1}	1×10^{1} (b)	1×10^{5} (b)

(a) A_1 and/or A_2 values include contributions from daughter nuclides with half-lives less than 10 days.

(b) Parent nuclides and their progeny included in secular equilibrium are listed in the following:

Sr-90	Y-90
Zr-93	Nb-93m
Zr-97	Nb-97
Ru-106	Rh-106
Cs-137	Ba-137m
Ce-134	La-134
Ce-144	Pr-144
Ba-140	La-140
Bi-212	Tl-208 (0.36), Po-212 (0.64)
Pb-210	Bi-210, Po-210
Pb-212	Bi-212, Tl-208 (0.36), Po-212 (0.64)
Rn-220	Po-216
Rn-222	Po-218, Pb-214, Bi-214, Po-214
Ra-223	Rn-219, Po-215, Pb-211, Bi-211, Tl-207
Ra-224	Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0.36), Po-212 (0.64)
Ra-226	Rn-222, Po-218, Pb-214, Bi-214, Po-214, Pb-210, Bi-210, Po-210
Ra-228	Ac-228
Th-226	Ra-222, Rn-218, Po-214

(b) (cont'd)

Th-228	Ra-224, Rn-220, Po-216, Pb212, Bi-212, Tl208 (0.36), Po-212 (0.64)
Th-229	Ra-225, Ac-225, Fr-221, At-217, Bi-213, Po-213, Pb-209
Th-nat	Ra-228, Ac-228, Th-228, Ra-224, Rn-220, Po-216, Pb-212, Bi-212, l208(0.36), Po-212 (0.64)
Th-234	Pa-234m
U-230	Th-226, Ra-222, Rn-218, Po-214
U-232	Th-228, Ra-224, Rn-220, Po-216, Pb-212, Bi-212, Tl-208 (0.36), Po-212 (0.64)
U-235	Th-231
U-238	Th-234, Pa-234m
U-nat	Th-234, Pa-234m, U-234, Th-230, Ra-226, Rn-222, Po-218, Pb-214, Bi-214, Po-214, Pb-210, Bi-210, Po-210
U-240	Np-240m
Np-237	Pa-233
Am-242m	Am-242
Am-243	Np-239

(c) The quantity may be determined from a measurement of the rate of decay or a measurement of the radiation level at a prescribed distance from the source.

(d) These values apply only to compounds of uranium that take the chemical form of UF_6, UO_2F_2 and $UO_2(NO_3)_2$ in both normal and accident conditions of carriage.

(e) These values apply only to compounds of uranium that take the chemical form of UO_3, UF_4, UCl_4 and hexavalent compounds in both normal and accident conditions of carriage.

(f) These values apply to all compounds of uranium other than those specified in (d) and (e) above.

(g) These values apply to unirradiated uranium only.

2.2.7.7.2.2 For individual radionuclides which are not listed in Table 2.2.7.7.2.1 the determination of the basic radionuclide values referred to in 2.2.7.7.2.1 shall require competent authority approval or, for international carriage, multilateral approval. Where the chemical form of each radionuclide is known, it is permissible to use the A_2 value related to its solubility class as recommended by the International Commission on Radiological Protection, if the chemical forms under both normal and accident conditions of carriage are taken into consideration. Alternatively, the radionuclide values in Table 2.2.7.7.2.2 may be used without obtaining competent authority approval.

Table 2.2.7.7.2.2

BASIC RADIONUCLIDE VALUES FOR UNKNOWN RADIONUCLIDES OR MIXTURES

Radioactive contents	A_1 TBq	A_2 TBq	Activity concentration for exempt material Bq/g	Activity limit for an exempt consignment Bq
Only beta or gamma emitting nuclides are known to be present	0.1	0.02	1×10^{1}	1×10^{4}
Only alpha emitting nuclides are known to be present	0.2	9×10^{-5}	1×10^{-1}	1×10^{3}
No relevant data are available	0.001	9×10^{-5}	1×10^{-1}	1×10^{3}

2.2.7.7.2.3 In the calculations of A_1 and A_2 for a radionuclide not in Table 2.2.7.7.2.1, a single radioactive decay chain in which the radionuclides are present in their naturally occurring proportions, and in which no daughter nuclide has a half-life either longer than 10 days or longer than that of the parent nuclide, shall be considered as a single radionuclide; and the activity to be taken into account and the A_1 or A_2 value to be applied shall be those corresponding to the parent nuclide of that chain. In the case of radioactive decay chains in which any daughter nuclide has a half-life either longer than 10 days or greater than that of the parent nuclide, the parent and such daughter nuclides shall be considered as mixtures of different nuclides.

2.2.7.7.2.4 For mixtures of radionuclides, the determination of the basic radionuclide values referred to

$$X_m = \frac{1}{\sum_i \frac{f(i)}{X(i)}}$$

in 2.2.7.7.2.1 may be determined as follows:
where,

f(i) is the fraction of activity or activity concentration of radionuclide i in the mixture;

X(i) is the appropriate value of A_1 or A_2, or the activity concentration for exempt material or the activity limit for an exempt consignment as appropriate for the radionuclide i; and

X_m is the derived value of A_1 or A_2, or the activity concentration for exempt material or the activity limit for an exempt consignment in the case of a mixture.

2.2.7.7.2.5 When the identity of each radionuclide is known but the individual activities of some of the radionuclides are not known, the radionuclides may be grouped and the lowest radionuclide value, as appropriate, for the radionuclides in each group may be used in applying the formulas in 2.2.7.7.2.4 and 2.2.7.7.1.4.2. Groups may be based on the total alpha activity and the total beta/gamma activity when these are known, using the lowest radionuclide values for the alpha emitters or beta/gamma emitters, respectively.

2.2.7.7.2.6 For individual radionuclides or for mixtures of radionuclides for which relevant data are not available, the values shown in Table 2.2.7.7.2.2 shall be used.

2.2.7.8 ***Limits on transport index (TI), criticality safety index (CSI), radiation levels for packages and overpacks***

2.2.7.8.1 Except for consignments under exclusive use, the transport index of any package or overpack shall not exceed 10, nor shall the criticality safety index of any package or overpack exceed 50.

2.2.7.8.2 Except for packages or overpacks carried under exclusive use by road under the conditions specified in 7.5.11, CV33 (3.5) (a), the maximum radiation level at any point on any external surface of a package or overpack shall not exceed 2 mSv/h.

2.2.7.8.3 The maximum radiation level at any point on any external surface of a package under exclusive use shall not exceed 10 mSv/h.

2.2.7.8.4 Packages and overpacks shall be assigned to either category I-WHITE, II-YELLOW or III-YELLOW in accordance with the conditions specified in Table 2.2.7.8.4 and with the following requirements:

(a) For a package or overpack, both the transport index and the surface radiation level conditions shall be taken into account in determining which is the appropriate category. Where the transport index satisfies the condition for one category but the surface radiation level satisfies the condition for a different category, the package or overpack shall be assigned to the higher category. For this purpose, category I-WHITE shall be regarded as the lowest category;

(b) The transport index shall be determined following the procedures specified in 2.2.7.6.1.1 and 2.2.7.6.1.2;

(c) If the surface radiation level is greater than 2 mSv/h, the package or overpack shall be carried under exclusive use and under the provisions of 7.5.11, CV33 (3.5) (a);

(d) A package carried under a special arrangement shall be assigned to category III-YELLOW;

(e) An overpack which contains packages carried under special arrangement shall be assigned to category III-YELLOW.

Table 2.2.7.8.4

CATEGORIES OF PACKAGES AND OVERPACKS

Conditions		
Transport Index (TI)	**Maximum radiation level at any point on external surface**	**Category**
0[a]	Not more than 0.005 mSv/h	I-WHITE
More than 0 but not more than 1a	More than 0.005 mSv/h but not more than 0.5 mSv/h	II-YELLOW
More than 1 but not more than 10	More than 0.5 mSv/h but not more than 2 mSv/h	III-YELLOW
More than 10	More than 2 mSv/h but not more than 10 mSv/h	III-YELLOW[b]

[a] *If the measured TI is not greater than 0.05, the value quoted may be zero in accordance with 2.2.7.6.1.1(c).*

[b] *Shall also be carried under exclusive use.*

2.2.7.9 ***Requirements and controls for carriage of excepted packages***

2.2.7.9.1 Excepted packages which may contain radioactive material in limited quantities, instruments, manufactured articles as specified in 2.2.7.7.1.2 and empty packagings as specified in 2.2.7.9.6 may be carried under the following conditions:

(a) The applicable requirements specified in 2.2.7.9.2, 3.3.1 (special provisions 172 or 290), 4.1.9.1.2, 5.2.1.2, 5.2.1.7.1, 5.2.1.7.2, 5.2.1.7.3, 5.4.1.2.5.1 (a), 7.5.11 CV33 (5.2) and, as applicable 2.2.7.9.3- 2.2.7.9.6;

(b) The requirements for excepted packages specified in 6.4.4;

(c) If the excepted package contains fissile material, one of the fissile exceptions provided by 6.4.11.2 shall apply and the requirement of 6.4.7.2 shall be met.

2.2.7.9.2 The radiation level at any point on the external surface of an excepted package shall not exceed 5 μSv/h.

2.2.7.9.3 Radioactive material which is enclosed in or is included as a component part of an instrument or other manufactured article, with activity not exceeding the item and package limits specified in columns 2 and 3 respectively of Table 2.2.7.7.1.2.1, may be carried in an excepted package provided that:

(a) The radiation level at 10 cm from any point on the external surface of any unpackaged instrument or article is not greater than 0.1 mSv/h; and

(b) Each instrument or article (except radioluminescent time-pieces or devices) bears the marking "RADIOACTIVE"; and

(c) The active material is completely enclosed by non-active components (a device performing the sole function of containing radioactive material shall not be considered to be an instrument or manufactured article).

2.2.7.9.4 Radioactive material in forms other than as specified in 2.2.7.9.3, with an activity not exceeding the limit specified in column 4 of Table 2.2.7.7.1.2.1, may be carried in an excepted package provided that:

(a) The package retains its radioactive contents under routine conditions of carriage; and

(b) The package bears the marking "RADIOACTIVE" on an internal surface in such a manner that a warning of the presence of radioactive material is visible on opening the package.

2.2.7.9.5 A manufactured article in which the sole radioactive material is unirradiated natural uranium, unirradiated depleted uranium or unirradiated natural thorium may be carried as an excepted package provided that the outer surface of the uranium or thorium is enclosed in an inactive sheath made of metal or some other substantial material.

2.2.7.9.6 An empty packaging which had previously contained radioactive material may be carried as an excepted package provided that:

(a) It is in a well maintained condition and securely closed;

(b) The outer surface of any uranium or thorium in its structure is covered with an inactive sheath made of metal or some other substantial material;

(c) The level of internal non-fixed contamination does not exceed one hundred times the levels specified in 4.1.9.1.2; and

(d) Any labels which may have been displayed on it in conformity with 5.2.2.1.11.1 are no longer visible.

2.2.7.9.7 The following provisions do not apply to excepted packages and the controls for carriage of excepted packages:

2.2.7.4.1, 2.2.7.4.2, 4.1.9.1.3, 4.1.9.1.4, 5.1.3.2, 5.1.5.1.1, 5.1.5.1.2, 5.2.2.1.11.1, 5.4.1.2.5.1 except for (a), 5.4.1.2.5.2, 5.4.1.3, 6.4.6.1, 7.5.11 CV 33 except for para. (5.2).

2.2.7.10 *(Reserved)*

2.2.8 Class 8 Corrosive substances

2.2.8.1 *Criteria*

2.2.8.1.1 The heading of Class 8 covers substances and articles containing substances of this Class which by chemical action attack epithelial tissue - of skin or mucous membranes - with which they are in contact, or which in the event of leakage are capable of damaging or destroying other goods, or means of transport, and may also cause other hazards. The heading of this Class also covers other substances which form a corrosive liquid only in the presence of water, or which produce corrosive vapour or mist in the presence of natural moisture of the air.

2.2.8.1.2 Substances and articles of Class 8 are subdivided as follows:

C1-C10 Corrosive substances without subsidiary risk:

C1-C4 Acid substances:
- C1 Inorganic, liquid;
- C2 Inorganic, solid;
- C3 Organic, liquid;
- C4 Organic, solid;

C5-C8 Basic substances:
- C5 Inorganic, liquid;
- C6 Inorganic, solid;
- C7 Organic, liquid;
- C8 Organic, solid;

C9-C10 Other corrosive substances:
- C9 Liquid;
- C10 Solid;

C11 Articles;

CF Corrosive substances, flammable:
- CF1 Liquid;
- CF2 Solid;

CS Corrosive substances, self-heating:
- CS1 Liquid;
- CS2 Solid;

CW Corrosive substances which, in contact with water, emit flammable gases:
- CW1 Liquid;
- CW2 Solid;

CO Corrosive substances, oxidizing:
- CO1 Liquid;
- CO2 Solid;

CT Corrosive substances, toxic:

- CT1 Liquid;
- CT2 Solid;

CFT Corrosive substances, flammable, liquid, toxic;

COT Corrosive substances, oxidizing, toxic.

Classification and assignment of packing groups

2.2.8.1.3 Substances of Class 8 shall be classified in three packing groups according to the degree of danger they present for carriage, as follows:

Packing group I: highly corrosive substances
Packing group II: corrosive substances
Packing group III: slightly corrosive substances.

2.2.8.1.4 Substances and articles classified in Class 8 are listed in Table A of Chapter 3.2. Allocation of substances to packing groups I, II and III has been made on the basis of experience taking into account such additional factors as inhalation risk [6] and reactivity with water (including the formation of dangerous decomposition products).

2.2.8.1.5 Substances, including mixtures, not mentioned by name in Table A of Chapter 3.2 can be assigned to the relevant entry of sub-section 2.2.8.3, and to the relevant packing group on the basis of the length of time of contact necessary to produce full thickness destruction of human skin in accordance with the criteria of (a) to (c) below.

Substances which are judged not to cause full thickness destruction of human skin shall still be considered for their potential to cause corrosion to certain metal surfaces. In assigning the packing group, account shall be taken of human experience in instances of accidental exposure. In the absence of human experience, the grouping shall be based on data obtained from experiments in accordance with OECD Guideline 404 [7].

(a) Packing group I is assigned to substances that cause full thickness destruction of intact skin tissue within an observation period up to 60 minutes starting after the exposure time of 3 minutes or less.

(b) Packing group II is assigned to substances that cause full thickness destruction of intact skin tissue within an observation period up to 14 days starting after the exposure time of more than 3 minutes but not more than 60 minutes.

(c) Packing group III is assigned to substances that:

- cause full thickness destruction of intact skin tissue within an observation period up to 14 days starting after the exposure time of more than 60 minutes but not more than 4 hours; or

- are judged not to cause full thickness destruction of intact skin tissue, but which exhibit a corrosion rate on steel or aluminium surfaces exceeding 6.25 mm a year at a test temperature of 55 °C. For the purposes of testing steel, type P235 [ISO 9328(II):1991] or a similar type, and for testing aluminium, non-clad types 7075-T6 or AZ5GU-T6 shall be used. An acceptable test is prescribed in ASTM G31-72 (Reapproved 1990).

2.2.8.1.6 If substances of Class 8, as a result of admixtures, come into categories of risk different from those to which the substances mentioned by name in Table A of Chapter 3.2 belong, these

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[6] *A substance or preparation meeting the criteria of Class 8 having an inhalation toxicity of dusts and mists (LC_{50}) in the range of packing group I, but toxicity through oral ingestion or dermal contact only in the range of packing group III or less, shall be allocated to Class 8.*

[7] *OECD guidelines for Testing of Chemicals, No. 404 " Acute Dermal Irritation/Corrosion" (1992).*

mixtures or solutions shall be assigned to the entries to which they belong, on the basis of their actual degree of danger.

NOTE: *For the classification of solutions and mixtures (such as preparations and wastes), see also 2.1.3.*

2.2.8.1.7 On the basis of the criteria set out in paragraph 2.2.8.1.5, it may also be determined whether the nature of a solution or mixture mentioned by name or containing a substance mentioned by name is such that the solution or mixture is not subject to the provisions for this Class.

2.2.8.1.8 Substances, solutions and mixtures, which

- do not meet the criteria of Directives 67/548/EEC [8] or 88/379/EEC [9] as amended and therefore are not classified as corrosive according to these directives, as amended; and

- do not exhibit a corrosive effect on steel or aluminium,

may be considered as substances not belonging to Class 8.

NOTE*: UN No. 1910 calcium oxide and UN No. 2812 sodium aluminate, listed in the UN Model Regulations, are not subject to the provisions of ADR.*

2.2.8.2 ***Substances not accepted for carriage***

2.2.8.2.1 The chemically unstable substances of Class 8 shall not be accepted for carriage unless the necessary steps have been taken to prevent their dangerous decomposition or polymerization during carriage. To this end it shall in particular be ensured that receptacles and tanks do not contain any substance liable to promote these reactions.

2.2.8.2.2 The following substances shall not be accepted for carriage:

- UN No. 1798 NITROHYDROCHLORIC ACID;

- chemically unstable mixtures of spent sulphuric acid;

- chemically unstable mixtures of nitrating acid or mixtures of residual sulphuric and nitric acids, not denitrated;

- perchloric acid aqueous solution with more than 72 % pure acid, by mass, or mixtures of perchloric acid with any liquid other than water.

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[8] *Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances (Official Journal of the European Communities No. L 196 of 16.08.1967).*

[9] *Council Directive 88/379/EEC on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous preparations (Official Journal of the European Communities No. L.187 of 16.07.1988, page 14).*

2.2.8.3 *List of collective entries*

Corrosive substances <u>without</u> subsidiary risk

Acid	**inorganic**	**liquid**	**C1**	2584 ALKYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid or 2584 ARYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid 2693 BISULPHITES, AQUEOUS SOLUTION, N.O.S. 2837 BISULPHATES, AQUEOUS SOLUTION 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
		solid	**C2**	1740 HYDROGENDIFLUORIDES, N.O.S. 2583 ALKYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid or 2583 ARYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid 3260 CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
	organic	**liquid**	**C3**	2586 ALKYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid or 2586 ARYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid 2987 CHLOROSILANES, CORROSIVE, N.O.S. 3145 ALKYLPHENOLS, LIQUID, N.O.S. (including C_2-C_{12} homologues) 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S
		solid	**C4**	2430 ALKYLPHENOLS, SOLID, N.O.S. (including C_2-C_{12} homologues) 2585 ALKYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid or 2585 ARYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid 3261 CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
Basic	**inorganic**	**liquid**	**C5**	1719 CAUSTIC ALKALI LIQUID, N.O.S. 2797 BATTERY FLUID, ALKALI 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
		solid	**C6**	3262 CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
	organic	**liquid**	**C7**	2735 AMINES, LIQUID, CORROSIVE, N.O.S. or 2735 POLYAMINES, LIQUID, CORROSIVE, N.O.S. 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
		solid	**C8**	3259 AMINES, SOLID, CORROSIVE, N.O.S., or 3259 POLYAMINES, SOLID, CORROSIVE, N.O.S. 3263 CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.
Other corrosive substances		**liquid**	**C9**	1903 DISINFECTANT, LIQUID, CORROSIVE, N.O.S 2801 DYE, LIQUID, CORROSIVE, N.O.S. or 2801 DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S. 3066 PAINT (including paint, enamel, stain, shellac, vamish, polish, liquid filler and lacquer base) or 3066 PAINT RELATED MATERIAL (including paint thinning or reducing compound) 1760 CORROSIVE LIQUID, N.O.S.
		solid [a]	**C10**	3147 DYE, SOLID, CORROSIVE, N.O.S. or 3147 DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S. 3244 SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S. 1759 CORROSIVE SOLID, N.O.S.
Articles			**C11**	2794 BATTERIES, WET, FILLED WITH ACID, electric storage 2795 BATTERIES, WET, FILLED WITH ALKALI, electric storage 2800 BATTERIES, WET, NON-SPILLABLE, electric storage 3028 BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE SOLID, electric storage

(cont'd on next page)

[a] *Mixtures of solids which are not subject to the provisions of ADR and of corrosive liquids may be carried under UN No. 3244 without being subject to the classification criteria of Class 8, provided there is no free liquid visible at the time the substance is loaded or at the time the packaging, container or transport unit is closed. Each packaging shall correspond to a design type which has passed the leakproofness test for Packing group II level.*

Corrosive substances <u>with</u> subsidiary risk(s)

Flammable [b, c, d] **CF**	**liquid**	**CF1**	2734 AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or 2734 POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. 2986 CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S. 2920 CORROSIVE LIQUID, FLAMMABLE, N.O.S.
	solid	**CF2**	2921 CORROSIVE SOLID, FLAMMABLE, N.O.S.
Self-heating CS	**liquid**	**CS1**	3301 CORROSIVE LIQUID, SELF-HEATING, N.O.S.
	solid	**CS2**	3095 CORROSIVE SOLID, SELF-HEATING, N.O.S.
Water-reactive CW	**liquid** [d]	**CW1**	3094 CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.
	solid	**CW2**	3096 CORROSIVE SOLID, WATER-REACTIVE, N.O.S.
Oxidizing CO	**liquid**	**CO1**	3093 CORROSIVE LIQUID, OXIDIZING, N.O.S.
	solid	**CO2**	3084 CORROSIVE SOLID, OXIDIZING, N.O.S.
Toxic [f] **CT**	**liquid** [e]	**CT1**	2922 CORROSIVE LIQUID, TOXIC, N.O.S.
	solid [g]	**CT2**	2923 CORROSIVE SOLID, TOXIC, N.O.S.
Flammable, liquid, toxic [f]		**CFT**	No collective entry with this classification code available; if need be, classification under a collective entry with a classification code to be determined according to table of precedence of hazard in 2.1.3.9.
Oxidizing, toxic [f, g]		**COT**	No collective entry with this classification code available; if need be, classification under a collective entry with a classification code to be determined according to table of precedence of hazard in 2.1.3.9.

[b] *Flammable corrosive liquids having a flash-point below 23 °C, other than UN Nos. 2734 and 2920, are substances of Class 3.*

[c] *Flammable, slightly corrosive liquids having a flash-point between 23°C and 61°C, are substances of Class 3.*

[d] *Chlorosilanes which, in contact with water or moist air, emit flammable gases, are substances of Class 4.3.*

[e] *Chloroformates having predominantly toxic properties are substances of Class 6.1.*

[f] *Corrosive substances which are highly toxic by inhalation, as defined in 2.2.61.1.4 to 2.2.61.1.9 are substances of Class 6.1.*

[g] *UN No. 2505 AMMONIUM FLUORIDE, UN No. 1812 POTASSIUM FLUORIDE, UN No. 1690 SODIUM FLUORIDE, UN No. 2674 SODIUM FLUOROSILICATE and UN No. 2856 FLUOROSILICATES, N.O.S. are substances of Class 6.1.*

2.2.9 Class 9 Miscellaneous dangerous substances and articles

2.2.9.1 *Criteria*

2.2.9.1.1 The heading of Class 9 covers substances and articles which, during carriage, present a danger not covered by the heading of other classes.

2.2.9.1.2 The substances and articles of Class 9 are subdivided as follows:

M1 Substances which, on inhalation as fine dust, may endanger health;

M2 Substances and apparatus which, in the event of fire, may form dioxins;

M3 Substances evolving flammable vapour;

M4 Lithium batteries;

M5 Life-saving appliances;

M6-M8 Environmentally hazardous substances:

M6 Pollutant to the aquatic environment, liquid;
M7 Pollutant to the aquatic environment, solid;
M8 Genetically modified micro-organisms and organisms;

M9-M10 Elevated temperature substances:

M9 Liquid;
M10 Solid;

M11 Other substances presenting a danger during carriage, but not meeting the definitions of another class.

Definitions and classification

2.2.9.1.3 Substances and articles classified in Class 9 are listed in Table A of Chapter 3.2. The assignment of substances and articles not mentioned by name in Table A of Chapter 3.2 to the relevant entry of that Table or of sub-section 2.2.9.3 shall be done in accordance with 2.2.9.1.4 to 2.2.9.1.14 below.

Substances which, on inhalation as fine dust, may endanger health

2.2.9.1.4 Substances which, on inhalation as fine dust, may endanger health include asbestos and mixtures containing asbestos.

Substances and apparatus which, in the event of fire, may form dioxins

2.2.9.1.5 Substances and apparatus which, in the event of fire, may form dioxins include polychlorinated biphenyls (PCBs) and terphenyls (PCTs) and polyhalogenated biphenyls and terphenyls and mixtures containing these substances, as well as apparatus such as transformers, condensers and apparatus containing those substances or mixtures.

NOTE: *Mixtures with a PCB or PCT content of not more than 50 mg/kg are not subject to the provisions of ADR.*

Substances evolving flammable vapour

2.2.9.1.6 Substances evolving flammable vapour include polymers containing flammable liquids with a flash-point not exceeding 55 °C.

Lithium batteries

2.2.9.1.7 Lithium cells and batteries may be assigned to Class 9 if they meet the requirements of special provision 230 of Chapter 3.3. They are not subject to the provisions of ADR if they meet the requirements of special provision 188 of Chapter 3.3. They shall be classified in accordance with the procedures of Section 38.3 of the Manual of Tests and Criteria.

Life-saving appliances

2.2.9.1.8 Life-saving appliances include life-saving appliances and motor vehicle components which meet the descriptions of special provisions 235 or 296 of Chapter 3.3.

Environmentally hazardous substances

2.2.9.1.9 Environmentally hazardous substances include liquid or solid substances pollutant to the aquatic environment and solutions and mixtures of such substances (such as preparations and wastes), which cannot be classified in the other classes or under any other entry of Class 9 listed in Table A of Chapter 3.2. It also includes genetically modified micro-organisms and organisms.

Pollutants to the aquatic environment

2.2.9.1.10 Assignment of a substance to the entries UN No. 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S and UN No. 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. as pollutant to the aquatic environment shall be as indicated in 2.3.5. Substances already classified as environmentally hazardous with UN Nos. 3077 and 3082 are listed in 2.2.9.4.

Genetically modified micro-organisms or organisms

2.2.9.1.11 Genetically modified micro-organisms are micro-organisms in which the genetic material has been deliberately altered by technical means or by such means that cannot occur naturally.Genetically modified micro-organisms within the meaning of Class 9 are those which are not dangerous for humans and animals, but which could alter animals, plants, microbiological substances and ecosystems in such a way as cannot occur naturally.

NOTE 1: *Genetically modified micro-organisms which are infectious are substances of Class 6.2, UN Nos. 2814 and 2900.*

NOTE 2: *Genetically modified micro-organisms which have received a consent for deliberate release into the environment* [10] *are not subject to the provisions for this Class.*

NOTE 3: *Live vertebrate or invertebrate animals shall not be used to carry genetically modified micro-organisms classified in Class 9 unless the substance can be carried no other way.*

2.2.9.1.12 Genetically modified organisms, which are known or suspected to be dangerous to the environment shall be carried in accordance with conditions specified by the competent authority of the country of origin.

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[10] *See in particular Part C of Directive 90/220/EEC (Official Journal of the European Communities, No. L 117, of 8 May 1990, pp. 18-20), which sets out the authorization procedures for the European Community.*

Elevated temperature substances

2.2.9.1.13 Elevated temperature substances include substances which are carried or handed over for carriage in the liquid state at or above 100 °C and, in the case of those with a flash-point, below their flash-point. They also include solids which are carried or handed over for carriage at or above 240 °C.

NOTE: *Elevated temperature substances may be assigned to Class 9 only if they do not meet the criteria of any other class.*

Other substances presenting a danger during carriage but not meeting the definitions of another class.

2.2.9.1.14 The following other miscellaneous substances not meeting the definitions of another class are assigned to Class 9:

Solid ammonia compounds having a flash-point below 61 °C
Low hazard dithionites
Highly volatile liquids
Substances emitting noxious fumes
Substances containing allergens
Chemical kits and first aid kits

NOTE: *UN No. 1845 carbon dioxide, solid (dry ice), UN No. 2071 ammonium nitrate fertilizers, UN No. 2216 fish meal (fish scrap), stabilized, UN No. 2807 magnetized material, UN No. 3166 engines, internal combustion, including when fitted in machinery or vehicles, UN No. 3171 battery-powered vehicle or 3171 battery-powered equipment (wet battery), UN No. 3334 aviation regulated liquid, n.o.s. and UN No. 3335 aviation regulated solid, n.o.s., listed in the UN Model Regulations, are not subject to the provisions of ADR.*

Assignment of the packing groups

2.2.9.1.15 The substances and articles of Class 9 listed as such in Table A of Chapter 3.2 shall be assigned to one of the following packing groups according to their degree of danger:

Packing group II: substances presenting medium danger
Packing group III: substances presenting low danger

2.2.9.2 ***Substances and articles not accepted for carriage***

The following substances and articles shall not be accepted for carriage:

- Lithium batteries which do not meet the relevant conditions of special provisions 188, 230, 287 or 636 of Chapter 3.3.

- Uncleaned empty containment vessels for apparatus such as transformers and condensers containing substances assigned to UN Nos. 2315, 3151 or 3152.

2.2.9.3 *List of collective entries*

Substances which, on inhalation as fine dust, may endanger health		**M1**	2212 BLUE ASBESTOS (crocidolite) or 2212 BROWN ASBESTOS (amosite, mysorite) 2590 WHITE ASBESTOS (chrysotile, actinolite, anthophyllite, tremolite)
Substances and apparatus which, in the event of fire, may form dioxins		**M2**	2315 POLYCHLORINATED BIPHENYLS 3151 POLYHALOGENATED BIPHENYLS, LIQUID or 3151 POLYHALOGENATED TERPHENYLS, LIQUID 3152 POLYHALOGENATED BIPHENYLS, SOLID or 3152 POLYHALOGENATED TERPHENYLS, SOLID
Substances evolving flammable vapour		**M3**	2211 POLYMERIC BEADS, EXPANDABLE, evolving flammable vapour 3314 PLASTICS MOULDING COMPOUND in dough, sheet or extruded rope form evolving flammable vapour
Lithium batteries		**M4**	3090 LITHIUM BATTERIES 3091 LITHIUM BATTERIES CONTAINED IN EQUIPMENT or 3091 LITHIUM BATTERIES PACKED WITH EQUIPMENT
Live-saving appliances		**M5**	2990 LIFE-SAVING APPLIANCES, SELF-INFLATING 3072 LIFE-SAVING APPLIANCES NOT SELF-INFLATING containing dangerous goods as equipment 3268 AIR BAG INFLATORS or 3268 AIR BAG MODULES or 3268 SEAT-BELT PRETENSIONERS
Environmentally hazardous substances	**pollutant to the aquatic environment, liquid**	**M6**	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
	pollutant to the aquatic environment, solid	**M7**	3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
	genetically modified micro-organisms and organisms	**M8**	3245 GENETICALLY MODIFIED MICRO-ORGANISMS
Elevated temperature substances	**liquid**	**M9**	3257 ELEVATED TEMPERATURE LIQUID, N.O.S., at or above 100 °C and below flash-point (including molten metal, molten salts, etc.)
	solid	**M10**	3258 ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240 °C
Other substances or articles presenting a danger during carriage, but not meeting the definitions of another class		**M11**	No collective entry available. Only substances listed in Table A of Chapter 3.2 are subject to the provisions for Class 9 under this classification code, as follows: 1841 ACETALDEHYDE AMMONIA 1931 ZINC DITHIONITE (ZINC HYDROSULPHITE) 1941 DIBROMODIFLUOROMETHANE 1990 BENZALDEHYDE 2969 CASTOR BEANS, or 2969 CASTOR MEAL, or 2969 CASTOR POMACE, or 2969 CASTOR FLAKE 3316 CHEMICAL KIT, or 3316 FIRST AID KIT

2.2.9.4 ***Substances already classified as environmentally hazardous which do not belong to any other class nor to Class 9 entries other than the entries UN Nos. 3077 or 3082***

UN No. 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. pollutant to the aquatic environment, liquid

alcohol C_6-C_{17} (secondary) poly (3-6) ethoxylate
alcohol C_{12}-C_{15} poly (1-3) ethoxylate
alcohol C_{13}-C_{15} poly (1-6) ethoxylate
alpha-cypermethrin
butyl benzyl phthalate
chlorinated paraffins (C_{10}-C_{13})
1-chlorooctane
cresyl diphenyl phosphate
cyfluthrin
decyl acrylate
di-n-butyl phthalate
1,6-dichlorohexane
diisopropylbenzenes
isodecyl acrylate
isodecyl diphenyl phosphate
isoctyl nitrate
malathion
resmethrin
triaryl phosphates
tricresyl phosphates
triethylbenzene
trixylenyl phosphate

UN No. 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. pollutant to the aquatic environment, solid

chlorohexidine
chlorinated paraffins (C_{10}-C_{13})
p-dichlorobenzene
diphenyl
diphenyl ether
fenbutadin oxide
mercurous chloride (calomel)
tributyltin phosphate
zinc bromide

CHAPTER 2.3

TEST METHODS

2.3.0 General

Unless otherwise provided for in Chapter 2.2 or in this Chapter, the test methods to be used for the classification of dangerous goods are those described in the Manual of Tests and Criteria.

2.3.1 Exudation test for blasting explosives of Type A

2.3.1.1 Blasting explosives of type A (UN No. 0081) shall, if they contain more than 40 % liquid nitric ester, in addition to the testing specified in the Manual of Tests and Criteria, satisfy the following exudation test.

2.3.1.2 The apparatus for testing blasting explosive for exudation (figs. 1 to 3) consists of a hollow bronze cylinder. This cylinder, which is closed at one end by a plate of the same metal, has an internal diameter of 15.7 mm and a depth of 40 mm.

It is pierced by 20 holes 0.5 mm in diameter (four sets of five holes) on the circumference. A bronze piston, cylindrically fashioned over a length of 48 mm and having a total length of 52 mm, slides into the vertically placed cylinder.

The piston, whose diameter is 15.6 mm, is loaded with a mass of 2 220 g so that a pressure of 120 kPa (1.20 bar) is exerted on the base of the cylinder.

2.3.1.3 A small plug of blasting explosive weighing 5 to 8 g, 30 mm long and 15 mm in diameter, is wrapped in very fine gauze and placed in the cylinder; the piston and its loading mass are then placed on it so that the blasting explosive is subjected to a pressure of 120 kPa (1.20 bar). The time taken for the appearance of the first signs of oily droplets (nitroglycerine) at the outer orifices of the cylinder holes is noted.

2.3.1.4 The blasting explosive is considered satisfactory if the time elapsing before the appearance of the liquid exudations is more than five minutes, the test having been carried out at a temperature of 15 °C to 25 °C.

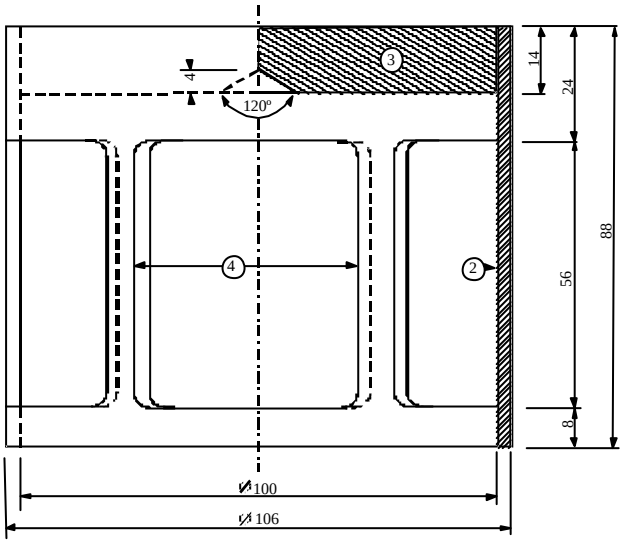


Fig.1: Bell-form charge, mass 2220 g, capable of being suspended from a bronze piston

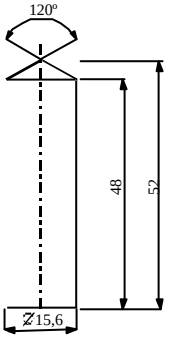


Fig.2: Cylindrical bronze piston, dimensions in mm

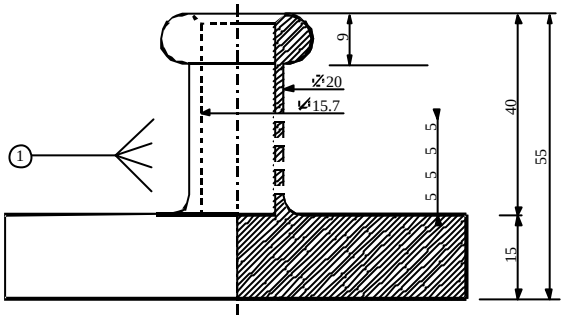


Fig.3: Hollow bronze cylinder, closed at one end; Plan and cut dimensions in mm

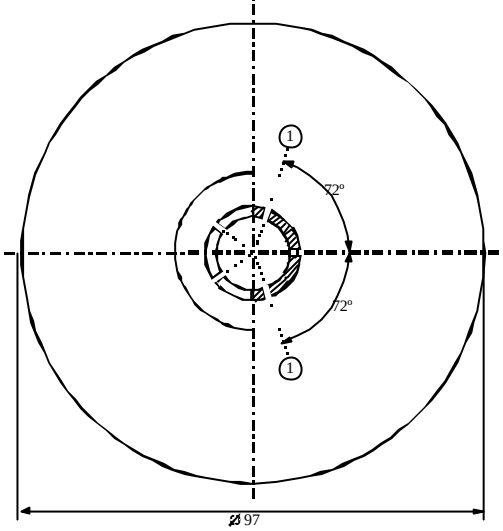


Fig. 1 to 3

(1) 4 series of 5 holes at 0.5
(2) copper
(3) iron plate with centre cone at the inferior face
(4) 4 openings, approximately 46x56, set at even intervals on the periphery

2.3.2 Tests relating to nitrated cellulose mixtures of Class 4.1

2.3.2.1 Nitrocellulose heated for half an hour at 132 °C shall not give off visible yellowish-brown nitrous fumes (nitrous gases). The ignition temperature shall be above 180 °C. See 2.3.2.3 to 2.3.2.8, 2.3.2.9 (a) and 2.3.2.10 below.

2.3.2.2 3 g of plasticized nitrocellulose, heated for one hour at 132 °C, shall not give off visible yellowish-brown nitrous fumes (nitrous gases). The ignition temperature shall be above 170 °C. See 2.3.2.3 to 2.3.2.8, 2.3.2.9 (b) and 2.3.2.10 below.

2.3.2.3 The test procedures set out below are to be applied when differences of opinion arise as to the acceptability of substances for carriage by road.

2.3.2.4 If other methods or test procedures are used to verify the conditions of stability prescribed above in this section, those methods shall lead to the same findings as could be reached by the methods specified below.

2.3.2.5 In carrying out the stability tests by heating described below, the temperature of the oven containing the sample under test shall not deviate by more than 2 °C from the prescribed temperature; the prescribed duration of a 30-minute or 60-minute test shall be observed to within two minutes. The oven shall be such that the required temperature is restored not more than five minutes after insertion of the sample.

2.3.2.6 Before undergoing the tests in 2.3.2.9 and 2.3.2.10, the samples shall be dried for not less than 15 hours at the ambient temperature in a vacuum desiccator containing fused and granulated calcium chloride, the sample substance being spread in a thin layer; for this purpose, substances which are neither in powder form nor fibrous shall be ground, or grated, or cut into small pieces. The pressure in the desiccator shall be brought below 6.5 kPa (0.065 bar).

2.3.2.7 Before being dried as prescribed in 2.3.2.6 above, substances conforming to 2.3.2.2 shall undergo preliminary drying in a well-ventilated oven, with its temperature set at 70 °C, until the loss of mass per quarter-hour is less than 0.3 % of the original mass.

2.3.2.8 Weakly nitrated nitrocellulose conforming to 2.3.2.1 shall first undergo preliminary drying as prescribed in 2.3.2.7 above; drying shall then be completed by keeping the nitrocellulose for at least 15 hours over concentrated sulphuric acid in a desiccator.

2.3.2.9 ***Test of chemical stability under heat***

(a) *Test of the substance listed in paragraph 2.3.2.1 above.*

(i) In each of two glass test tubes having the following dimensions:

length	350	mm
internal diameter	16	mm
thickness of wall	1.5	mm

is placed 1 g of substance dried over calcium chloride (if necessary the drying shall be carried out after reducing the substance to pieces weighing not more than 0.05 g each).

Both test tubes, completely covered with loose-fitting closures, are then so placed in an oven that at least four-fifths of their length is visible, and are kept at a constant temperature of 132 °C for 30 minutes. It is observed whether nitrous gases in the form of yellowish-brown fumes clearly visible against a white background are given off during this time.

(ii) In the absence of such fumes the substance is deemed to be stable.

(b) *Test of plasticized nitrocellulose (see 2.3.2.2)*

(i) 3 g of plasticized nitrocellulose are placed in glass test tubes, similar to those referred to in (a), which are then placed in an oven kept at a constant temperature of 132 °C.

(ii) The test tubes containing the plasticized nitrocellulose are kept in the oven for one hour. During this time no yellowish-brown nitrous fumes (nitrous gases) shall be visible. Observation and appraisal as in (a).

2.3.2.10 ***Ignition temperature (see 2.3.2.1 and 2.3.2.2)***

(a) The ignition temperature is determined by heating 0.2 g of substance enclosed in a glass test tube immersed in a Wood's alloy bath. The test tube is placed in the bath when the latter has reached 100 °C. The temperature of the bath is then progressively increased by 5 °C per minute;

(b) The test tubes must have the following dimensions:

length	125 mm
internal diameter	15 mm
thickness of wall	0.5 mm

and shall be immersed to a depth of 20 mm;

(c) The test shall be repeated three times, the temperature at which ignition of the substance occurs, i.e., slow or rapid combustion, deflagration or detonation, being noted each time;

(d) The lowest temperature recorded in the three tests is the ignition temperature.

2.3.3 Tests relating to flammable liquids of Classes 3, 6.1 and 8

2.3.3.1 ***Test for determining flash-point***

2.3.3.1.1 The flash-point shall be determined by means of one of the following types of apparatus:

(a) Abel;

(b) Abel-Pensky;

(c) Tag;

(d) Pensky-Martens;

(e) Apparatus in accordance with ISO 3679: 1983 or ISO 3680: 1983.

2.3.3.1.2 To determine the flash-point of paints, gums and similar viscous products containing solvents, only apparatus and test methods suitable for determining the flash-point for viscous liquids shall be used, in accordance with the following standards:

(a) International Standard ISO 3679: 1983;

(b) International Standard ISO 3680: 1983;

(c) International Standard ISO 1523: 1983;

(d) German Standard DIN 53213: 1978, Part 1.

2.3.3.1.3 The test procedure shall be either according to an equilibrium method or according to a non-equilibrium method.

2.3.3.1.4 For the procedure according to an equilibrium method, see:

(a) International Standard ISO 1516: 1981;

(b) International Standard ISO 3680: 1983;

(c) International Standard ISO 1523: 1983;

(d) International Standard ISO 3679: 1983.

2.3.3.1.5 The procedure according to a non-equilibrium method shall be:

(a) for the Abel apparatus, see:

(i) British Standard BS 2000 Part 170: 1995;

(ii) French Standard NF MO7-011: 1988;

(iii) French Standard NF T66-009: 1969;

(b) for the Abel-Pensky apparatus, see:

(i) German Standard DIN 51755, Part 1: 1974 (for temperatures from 5 °C to 65 °C);

(ii) German Standard DIN 51755, Part 2: 1978 (for temperatures below 5 °C);

(iii) French Standard NF MO7-036: 1984;

(c) for the Tag apparatus, see American Standard ASTM D 56: 1993;

(d) for the Pensky-Martens apparatus, see:

(i) International Standard ISO 2719: 1988;

(ii) European Standard EN 22719 in each of its national versions (e.g. BS 2000, part 404/EN 22719): 1994;

(iii) American Standard ASTM D 93: 1994;

(iv) Institute of Petroleum Standard IP 34: 1988.

2.3.3.1.6 The test methods listed in 2.3.3.1.4 and 2.3.3.1.5 shall only be used for flash-point ranges which are specified in the individual methods. The possibility of chemical reactions between the substance and the sample holder shall be considered when selecting the method to be used. The apparatus shall, as far as is consistent with safety, be placed in a draught-free position. For safety, a method utilizing a small sample size, around 2 ml, shall be used for organic peroxides and self-reactive substances (also known as "energetic" substances), or for toxic substances.

2.3.3.1.7 When the flash-point, determined by a non-equilibrium method in accordance with 2.3.3.1.5 is found to be 23 ± 2 °C or 61 ± 2 °C, it shall be confirmed for each temperature range by an equilibrium method in accordance with 2.3.3.1.4.

2.3.3.1.8 In the event of a dispute as to the classification of a flammable liquid, the classification proposed by the consignor shall be accepted if a check-test of the flash-point, yields a result not differing by more than 2 °C from the limits (23 °C and 61 °C respectively) stated in 2.2.3.1. If the difference is more than 2 °C, a second check-test shall be carried out, and the lowest figure of the flash-points obtained in either check-test shall be adopted.

2.3.3.2 ***Test for determining peroxide content***

To determine the peroxide content of a liquid, the procedure is as follows:

A quantity p (about 5 g, weighed to the nearest 0.01 g) of the liquid to be titrated is placed in an Erlenmeyer flask; 20 cm^3 of acetic anhydride and about 1 g of powdered solid potassium iodide are added; the flask is shaken and, after 10 minutes, heated for 3 minutes to about 60 °C. When it has been left to cool for 5 minutes, 25 cm^3 of water are added. After this, it is left standing for half an hour, then the liberated iodine is titrated with a decinormal solution of sodium thiosulphate, no indicator being added; complete discoloration indicates the end of the reaction. If n is the number of cm^3 of thiosulphate solution required, the percentage of peroxide (calculated as H_2O_2) present in the sample is obtained by the formula:

$$\frac{17n}{100p}$$

2.3.4 Test for determining fluidity

To determine the fluidity of liquid, viscous or pasty substances and mixtures, the following test method shall be used.

2.3.4.1 ***Test apparatus***

Commercial penetrometer conforming to ISO 2137:1985, with a guide rod of 47.5 g ± 0.05 g; sieve disc of duralumin with conical bores and a mass of 102.5 g ± 0.05 g (see Figure 1); penetration vessel with an inside diameter of 72 mm to 80 mm for reception of the sample.

2.3.4.2 ***Test procedure***

The sample is poured into the penetration vessel not less than half an hour before the measurement. The vessel is then hermetically closed and left standing until the measurement. The sample in the hermetically closed penetration vessel is heated to 35 °C ± 0.5 °C and is placed on the penetrometer table immediately prior to measurement (not more than two minutes). The point S of the sieve disc is then brought into contact with the surface of the liquid and the rate of penetration is measured.

2.3.4.3 ***Evaluation of test results***

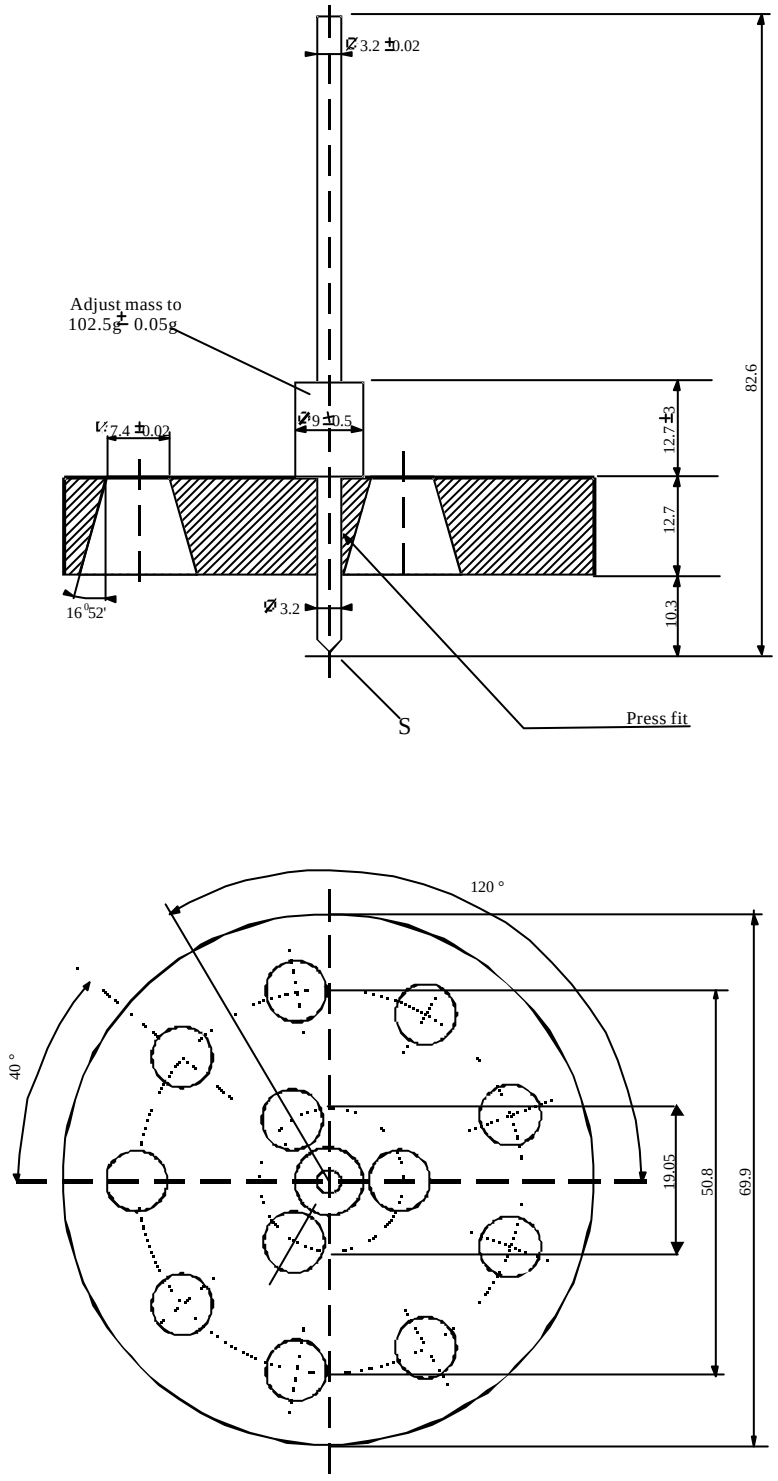
A substance is pasty if, after the centre S has been brought into contact with the surface of the sample, the penetration indicated by the dial gauge:

(a) after a loading time of 5 s ± 0.1 s, is less than 15.0 mm ± 0.3 mm; or

(b) after a loading time of 5 s ± 0.1 s, is greater than 15.0 mm ± 0.3 mm, but the additional penetration after another 55 s ± 0.5 s is less than 5.0 mm ± 0.5 mm.

NOTE*: In the case of samples having a flow point, it is often impossible to produce a steady level surface in the penetration vessel and, hence, to establish satisfactory initial measuring conditions for the contact of the point S. Furthermore, with some samples, the impact of the sieve disc can cause an elastic deformation of the surface and, in the first few seconds, simulate a deeper penetration. In all these cases, it may be appropriate to make the evaluation in paragraph (b) above.*

Figure 1 – Penetrometer



Tolerances not specified are ± 0.1 mm.

2.3.5 Test for determining the ecotoxicity, persistence and bioaccumulation of substances in the aquatic environment for assignment to Class 9

NOTE: *The test methods used shall be those adopted by the Organization for Economic Cooperation and Development (OECD) and the European Commission (EC). If other methods are used, they shall be internationally recognized, be equivalent to the OECD/EC tests and be referenced in test reports.*

2.3.5.1 ***Acute toxicity for fish***

The object is to determine the concentration which causes 50% mortality in the test species; this is the (LC_{50}) value, namely, the concentration of the substance in water which will cause the death of 50% of a test group of fish during a continuous period of testing of at least 96 hours. Appropriate types of fish include: striped brill (Brachydanio rerio), fathead minnow (Pimephales promelas) and rainbow trout (Oncorhynchus mykiss).

The fish are exposed to the test substance added to the water in varying concentrations (+1 control). Observations are recorded at least every 24 hours. At the end of the 96-hour activity and, if possible, at each observation, the concentration causing the death of 50% of the fish is calculated. The no observed effect concentration (NOEC) at 96 hours is also determined.

2.3.5.2 ***Acute toxicity for daphnia***

The object is to determine the effective concentration of the substance in water which renders 50% of the daphnia unable to swim (EC_{50}). The appropriate test organisms are daphnia magna and daphnia pulex. The daphnia are exposed for 48 hours to the test substance added to the water in varying concentrations. The no observed effect concentration (NOEC) at 48 hours is also determined.

2.3.5.3 ***Algal growth inhibition***

The object is to determine the effect of a chemical on the growth of algae under standard conditions. The change in biomass and the rate of growth with algae under the same conditions, but without the presence of the test chemical, are compared over 72 hours. The results are expressed as the effective concentration which reduces the rate of algal growth by 50%, IC_{50r}, and also the formation of the biomass, IC_{50b}.

2.3.5.4 ***Tests for ready biodegradability***

The object is to determine the degree of biodegradation under standard aerobic conditions. The test substance is added in low concentrations to a nutrient solution containing aerobic bacteria. The progress of degradation is followed for 28 days by determining the parameter specified in the test method used. Several equivalent test methods are available. The parameters include reduction of dissolved organic carbon (DOC), carbon dioxide (CO_2) generation of oxygen (O_2) depletion.

A substance is considered to be readily biodegradable if within not more than 28 days the following criteria are satisfied - within 10 days from when degradation first reaches 10%:

Reduction of DOC:	70%
Generation of CO_2:	60% of theoretical CO_2 production
Depletion of O_2:	60% of theoretical O_2 requirement.

The test may be continued beyond 28 days if the above criteria are not satisfied, but the result will represent the inherent biodegradability of the test substance. For assignment purposes, the "ready" result is normally required.
Where only COD and BOD_5 data are available, a substance is considered to be readily biodegradable if:

$$\frac{BOD_5}{COD} \geq 0.5$$

BOD (Biochemical Oxygen Demand) is defined as the mass of dissolved oxygen required by a specific volume of solution of the substance for the process of biochemical oxidation under prescribed conditions. The result is expressed as grams of BOD per gram of test substance. The normal test period is five days (BOD_5) using a national standard test procedure.

COD (Chemical Oxygen Demand) is a measure of the oxidizability of a substance, expressed as the equivalent amount in oxygen of an oxidizing reagent consumed by the substance under fixed laboratory conditions. The results are expressed in grams of COD per gram of substance. A national standard procedure may be used.

2.3.5.5 ***Tests for bioaccumulation potential***

2.3.5.5.1 The object is to determine the potential for bioaccumulation either by the ratio at equilibrium of the concentration (c) of a substance in a solvent to that in water or by the bioconcentration factor (BCF).

2.3.5.5.2 The ratio at equilibrium of the concentration (c) of a substance in a solvent to that in water is normally expressed as a log10. The solvent and water shall have negligible miscibility and the substance shall not ionize in water. The solvent normally used is n-octanol.

In the case of n-octanol and water, the result is:

$$\log P_{ow} = \log_{10} [c_o/c_w]$$

where P_{ow} is the partition coefficient obtained by dividing the concentration of the substance in n-octanol (c_o) by the concentration of the substance in water (C_w).
If $\log P_{ow} = 3.0$ then the substance has a potential to bioaccumulate.

2.3.5.5.3 The bioconcentration factor (BCF) is defined as the ratio of the concentration of the test substance in the test fish (c_f) to the concentration in the test water (c_w) at steady state:

$$BCF = (c_f) / (c_w).$$

The principle of the test involves exposing fish to a solution or dispersion at known concentrations of the test substance in water. Continuous flow, static or semi-static procedures may be used according to the test procedure selected, based on the properties of the test substances. Fish are exposed to the test substances over a given period of time, followed by a period of no further exposure. During the second period, measurements are made of the rate of increase in the water of the test substance (i.e. the rate of excretion or depuration).

(Full details of the various test procedures and the calculation method for the BCF are given in the OECD Guidelines for Testing of Chemicals, methods 305A to 305E, 12 May 1981).

2.3.5.5.4 A substance may have a log P_{ow} greater than 3 and a BCF less than 100 which would indicate little or no potential to bioaccumulate. In cases of doubt, the BCF value takes precedence over log P_{ow}, as indicated in the flow chart of the procedure in 2.3.5.7.

2.3.5.6 ***Criteria***

A substance may be regarded as a pollutant to the aquatic environment if it satisfies one of the following criteria:

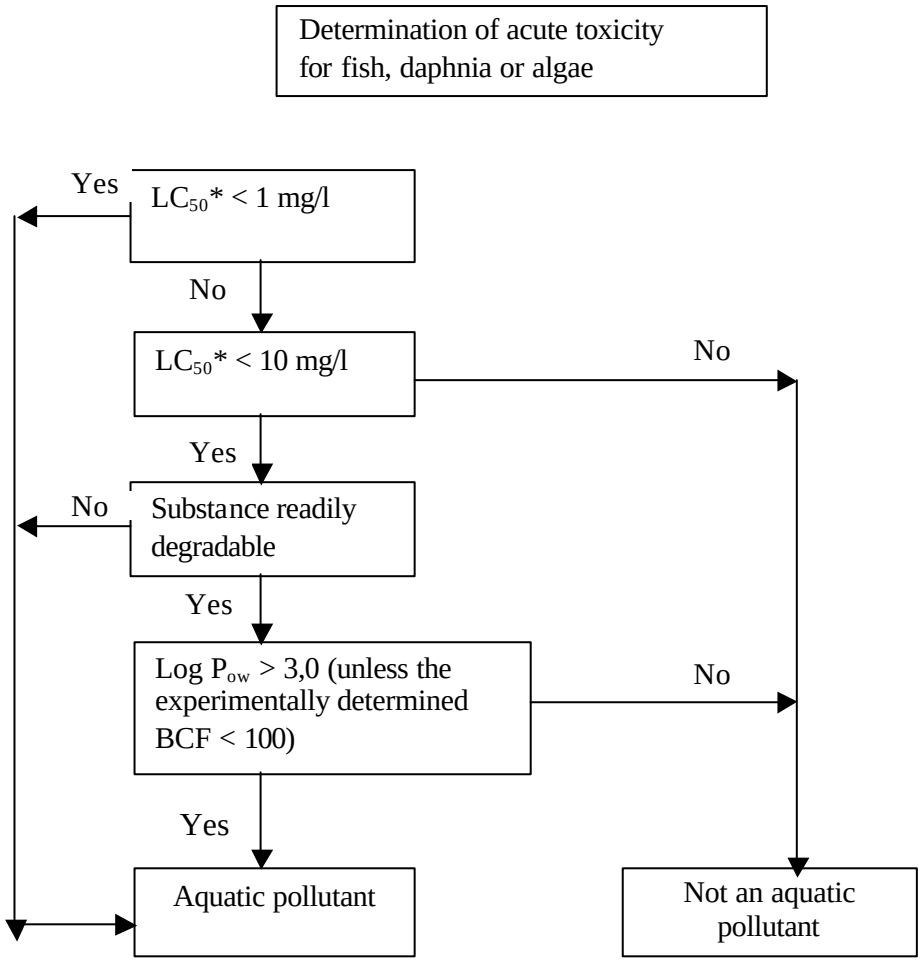
The lowest of the values of the 96-hour LC_{50} for fish, the 48-hour EC_{50} for daphnia or the 72-hour IC_{50} for algae

- is less than or equal to 1 mg/l;

- is greater than 1 mg/l but less than or equal to 10 mg/l, and the substance is not biodegradable;

- is greater than 1 mg/l but less than or equal to 10 mg/l, and the log P_{ow} is greater than or equal to 3.0 (unless the experimentally determined BCF is less than or equal to 100).

2.3.5.7 ***Procedure to be followed***



* Lowest value of 96-hour LC_{50}, 48-hour EC_{50} or 72-hour IC_{50} as appropriate.

BCF = bioconcentration factor

PART 3

Dangerous goods list, special provisions and exemptions related to dangerous goods packed in limited quantities

CHAPTER 3.1

GENERAL

3.1.1 Introduction

In addition to the provisions referred to or given in the tables of this Part, the general requirements of each Part, Chapter and/or Section are to be observed. These general requirements are not given in the tables. When a general requirement is contradictory to a special provision, the special provision prevails.

3.1.2 Proper shipping name

3.1.2.1 The proper shipping name is that portion of the entry most accurately describing the goods in Table A in Chapter 3.2, which is shown in upper case characters (plus any numbers, Greek letters, "sec", "tert", and the letters "m", "n", "o", "p", which form an integral part of the name). An alternative proper shipping name may be shown in brackets following the main proper shipping name [e.g., ETHANOL (ETHYL ALCOHOL)]. Portions of an entry appearing in lower case need not be considered as part of the proper shipping name.

3.1.2.2 When conjunctions such as "and" or "or" are in lower case or when segments of the name are punctuated by commas, the entire name of the entry need not necessarily be shown in the transport document or package markings. This is the case particularly when a combination of several distinct entries are listed under a single UN Number. Examples illustrating the selection of the proper shipping name for such entries are:

(a) UN 1057 LIGHTERS or LIGHTER REFILLS - The proper shipping name is the most appropriate of the following possible combinations:

LIGHTERS
LIGHTER REFILLS;

(b) UN 3207 ORGANOMETALLIC COMPOUND or COMPOUND SOLUTION or COMPOUND DISPERSION, WATER-REACTIVE, FLAMMABLE, N.O.S. The proper shipping name is the most appropriate of the following possible combinations:

ORGANOMETALLIC COMPOUND, WATER-REACTIVE, FLAMMABLE, N.O.S.
ORGANOMETALLIC COMPOUND SOLUTION, WATER-REACTIVE, FLAMMABLE, N.O.S.
ORGANOMETALLIC COMPOUND DISPERSION, WATER-REACTIVE, FLAMMABLE, N.O.S.

each supplemented with the technical name of the goods (see 3.1.2.6.1).

3.1.2.3 Proper shipping names may be used in the singular or plural as appropriate. In addition, when qualifying words are used as part of the proper shipping name, their sequence on documentation or package markings is optional. For instance, "DIMETHYLAMINE AQUEOUS SOLUTION" may alternatively be shown "AQUEOUS SOLUTION OF DIMETHYLAMINE". Commercial or military names for goods of Class 1 which contain the proper shipping name supplemented by additional descriptive text may be used.

3.1.2.4 Unless it is already included in capital letters in the name indicated in Table A in Chapter 3.2, the qualifying word "LIQUID" or "SOLID", as appropriate, shall be added as part of the proper shipping name when a substance mentioned by name may, due to the differing physical states of the various isomers of the substance, be either a liquid or a solid (e.g. DINITROTOLUENES, LIQUID; DINITROTOLUENES, SOLID).

3.1.2.5 Unless it is already included in capital letters in the name indicated in Table A in Chapter 3.2, the qualifying word "MOLTEN" shall be added as part of the proper shipping name when a substance, which is a solid in accordance with the definition in 1.2.1, is offered for carriage in the molten state (e.g. ALKYLPHENOL, SOLID, N.O.S., MOLTEN).

3.1.2.6 ***Generic or "not otherwise specified" (N.O.S.) names***

3.1.2.6.1 For the purposes of documentation and marking of packages, when an "N.O.S." or "generic" proper shipping name is used, the proper shipping name shall be supplemented with the technical name of the goods, unless a national law or international convention prohibits its disclosure if it is a controlled substance. The particular "N.O.S." or "generic" entries for which this supplementary information is considered necessary have been allocated special provision 274 in Column (6) of Table A in Chapter 3.2.

3.1.2.6.1.1 The technical name shall be shown in parentheses immediately following the proper shipping name. It shall be a recognized chemical or other name currently used in scientific and technical handbooks, journals and texts. Trade names shall not be used for this purpose. In the case of pesticides, only ISO common name(s), other name(s) in the WHO Recommended Classification of Pesticides by Hazard and Guidelines to Classification, or the name(s) of the active substance(s) may be used.

3.1.2.6.1.2 When a mixture of dangerous goods is described by one of the "N.O.S." or "generic" entries to which special provision 274 has been allocated in Column (6) of Table A in Chapter 3.2, not more than the two constituents which most predominantly contribute to the hazard or hazards of a mixture need to be shown, excluding controlled substances when their disclosure is prohibited by national law or international convention. If a package containing a mixture is labelled with any subsidiary risk label, one of the two technical names shown in parentheses shall be the name of the constituent which compels the use of the subsidiary risk label.

NOTE*: see 5.4.1.2.2.*

3.1.2.6.1.3 Examples illustrating the selection of the proper shipping name supplemented with the technical name of goods for such N.O.S. entries are:

UN 2003 METAL ALKYL, WATER-REACTIVE, N.O.S. (trimethylgallium)
UN 2902 PESTICIDE, LIQUID, TOXIC, N.O.S. (drazoxolon).

3.1.2.7 ***Mixtures and solutions containing one dangerous substance***

When mixtures and solutions have to be regarded as the dangerous substance mentioned by name in accordance with the classification requirements of 2.1.3.3, the qualifying word "SOLUTION" or "MIXTURE", as appropriate, shall be added as part of the proper shipping name, e.g. "ACETONE SOLUTION". In addition, the concentration of the solution or mixture may also be indicated, e.g. "ACETONE 75% SOLUTION".

CHAPTER 3.2

DANGEROUS GOODS LIST

3.2.1 Table A: Dangerous Goods List

Explanations

As a rule, each row of Table A of this Chapter deals with the substance(s) or article(s) covered by a specific UN number. However, when substances or articles belonging to the same UN number have different chemical properties, physical properties and/or carriage conditions, several consecutive rows may be used for that UN number.

Each column of Table A is dedicated to a specific subject as indicated in the explanatory notes below. The intersection of columns and rows (cell) contains information concerning the subject treated in that column, for the substance(s) or article(s) of that row:

- The first four cells identify the substance(s) or article(s) belonging to that row (additional information in that respect may be given by the special provisions referred to in Column (6);

- The following cells give the applicable special provisions, either in the form of complete information or in coded form. The codes cross-refer to detailed information that is to be found in the Part, Chapter, Section and/or Sub-section indicated in the explanatory notes below. An empty cell means either that there is no special provision and that only the general requirements apply, or that the carriage restriction indicated in the explanatory notes is in force.

The applicable general requirements are not referred to in the corresponding cells. The explanatory notes below indicate for every column the Part(s), Chapter(s), Section(s) and/or Sub-section(s) where these are to be found.

Explanatory notes for each column:

Column (1) "UN No."

Contains the UN number:

- of the dangerous substance or article if the substance or article has been assigned its own specific UN number, or

- of the generic or n.o.s. entry to which the dangerous substances or articles not mentioned by name shall be assigned in accordance with the criteria ("decision trees") of Part 2.

Column (2) "Name and description"

Contains, in upper case characters, the name of the substance or article, if the substance or article has been assigned its own specific UN number, or of the generic or n.o.s. entry to which it has been assigned in accordance with the criteria ("decision trees") of Part 2. This name shall be used as the proper shipping name or, when applicable, as part of the proper shipping name (see 3.1.2 for further details on the proper shipping name).
A descriptive text in lower case characters is added after the proper shipping name to clarify the scope of the entry if the classification and/or

carriage conditions of the substance or article may be different under certain conditions.

Column (3a) "Class"

Contains the number of the Class, whose heading covers the dangerous substance or article. This Class number is assigned in accordance with the procedures and criteria of Part 2.

Column (3b) "Classification code"

Contains the classification code of the dangerous substance or article.

- For dangerous substances or articles of Class 1, the code consists of a division number and compatibility group letter, which are assigned in accordance with the procedures and criteria of 2.2.1.1.4.

- For dangerous substances or articles of Class 2, the code consists of a number and hazardous property group, which are explained in 2.2.2.1.2 and 2.2.2.1.3.

- For dangerous substances or articles of Classes 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2, 8 and 9, the codes are explained in 2.2.x.1.2 [1].

- Dangerous substances or articles of Class 7 do not have a classification code.

Column (4) "Packing group"

Contains the packing group number(s) (I, II or III) assigned to the dangerous substance. These packing group numbers are assigned on the basis of the procedures and criteria of Part 2. Certain articles and substances are not assigned to packing groups.

Column (5) "Labels"

Contains the model number of the labels/placards (see 5.2.2.2 and 5.3.1.7) that have to be affixed to packages, containers, tank-containers, portable tanks, MEGCs and vehicles. However:

- For substances or articles of Class 7, 7X means label model No.7A, 7B or 7C as appropriate according to the category (see 2.2.7.8.4 and 5.2.2.1.11.1) or placard No. 7D (see 5.3.1.1.3 and 5.3.1.7.2);

- Labels of model number 11 are not indicated in this column; 5.2.2.1.12 is to be consulted in every case.

The general provisions on labelling/placarding (e.g. number of labels, their location) are to be found in 5.2.2.1 for packages, and in 5.3.1, for containers, tank-containers, MEGCs, portable tanks and vehicles.

***NOTE**: Special provisions, indicated in Column (6), may change the above labelling provisions.*

[1] *x = the Class number of the dangerous substance or article, without dividing point if applicable.*

Column (6) "Special provisions"

Contains the numeric codes of special provisions that have to be met. These provisions concern a wide array of subjects, mainly connected with the contents of Columns (1) to (5) (e.g. carriage prohibitions, exemptions from requirements, explanations concerning the classification of certain forms of the dangerous goods concerned and additional labelling or marking provisions), and are listed in Chapter 3.3 in numerical order. If Column (6) is empty, no special provisions apply to the contents of Columns (1) to (5) for the dangerous goods concerned.

Column (7) "Limited quantities"

Contains an alphanumeric code with the following meaning:

- "LQ0" signifies that no exemption from the provisions of ADR exists for the dangerous goods packed in limited quantities;

- All the other alphanumeric codes starting with the letters "LQ" signify that the provisions of ADR are not applicable if the conditions indicated in Chapter 3.4 are fulfilled (general conditions of 3.4.1 and conditions of 3.4.3, 3.4.4, 3.4.5 and 3.4.6, as appropriate, for the relevant code).

Column (8) "Packing instructions"

Contains the alphanumeric codes of the applicable packing instructions:

- Alphanumeric codes starting with the letter "P", which refers to packing instructions for packagings and receptacles (except IBCs and large packagings), or "R", which refers to packing instructions for light gauge metal packagings. These are listed in 4.1.4.1 in numerical order, and specify the packagings and receptacles that are authorized. They also indicate which of the general packing provisions of 4.1.1, 4.1.2 and 4.1.3, and which of the special packing provisions of 4.1.5, 4.1.6, 4.1.7, 4.1.8 and 4.1.9 have to be met. If Column (8) does not contain a code starting with the letters "P" or "R", the dangerous goods concerned may not be carried in packagings;

- Alphanumeric codes starting with the letters "IBC" refer to packing instructions for IBCs. These are listed in 4.1.4.2 in numerical order, and specify the IBCs that are authorized. They also indicate which of the general packing provisions of 4.1.1, 4.1.2 and 4.1.3, and which of the special packing provisions of 4.1.5, 4.1.6, 4.1.7, 4.1.8 and 4.1.9 have to be met. If Column (8) does not contain a code starting with the letters "IBC", the dangerous goods concerned may not be carried in IBCs;
- Alphanumeric codes starting with the letters "LP" refer to packing instructions for large packagings. These are listed in 4.1.4.3 in numerical order, and specify the large packagings that are authorized. They also indicate which of the general packing provisions of 4.1.1, 4.1.2 and 4.1.3, and which of the special packing provisions of 4.1.5, 4.1.6, 4.1.7, 4.1.8 and 4.1.9 have to be met. If Column (8) does not contain a code starting with the letters "LP", the dangerous goods concerned cannot be carried in large packagings;

- Alphanumerical codes starting with letters "PR" refer to packing instructions for particular pressure receptacles. These are listed in 4.1.4.4 in numerical order, and specify the pressure receptacles that are authorized. They also indicate which of the general packing provisions of 4.1.1, 4.1.2 and 4.1.3, and which of the special packing provisions of 4.1.5, 4.1.6, 4.1.7, 4.1.8 and 4.1.9 have to be met.

***NOTE**: Special packing provisions, indicated in Column (9a), may change the above packing instructions.*

Column (9a) "Special packing provisions"

Contains the alphanumeric codes of the applicable special packing provisions:

- Alphanumeric codes starting with the letters "PP" or "RR" refer to special packing provisions for packagings and receptacles (except IBCs and large packagings) that have additionally to be met. These are to be found in 4.1.4.1, at the end of the relevant packing instruction (with the letter "P" or "R") referred to in Column (8). If Column (9a) does not contain a code starting with the letters "PP" or "RR", none of the special packing provisions listed at the end of the relevant packing instruction apply;

- Alphanumeric codes starting with the letter "B" refer to special packing provisions for IBCs that have additionally to be met. These are to be found in 4.1.4.2, at the end of the relevant packing instruction (with the letters "IBC") referred to in Column (8). If Column (9a) does not contain a code starting with the letter "B", none of the special packing provisions listed at the end of the relevant packing instruction apply;

- Alphanumeric codes starting with the letter "L" refer to special packing provisions for large packagings that have additionally to be met. These are to be found in 4.1.4.3, at the end of the relevant packing instruction (with the letters "LP") referred to in Column (8). If Column (9a) does not contain a code starting with the letter "L", none of the special packing provisions listed at the end of the relevant packing instruction apply.

Column (9b) "Mixed packing provisions"

Contains the alphanumeric codes starting with the letters "MP" of the applicable mixed packing provisions. These are listed in 4.1.10 in numerical order. If Column (9b) does not contain a code starting with the letters "MP", only the general requirements apply (see 4.1.1.5 and 4.1.1.6).

Column (10) "Portable tanks instructions"

Contains an alphanumeric code assigned to a portable tank instruction, in accordance with 4.2.4.2.1 to 4.2.4.2.4 and 4.2.4.2.6. This portable tank instruction corresponds to the least stringent provisions that are acceptable for the carriage of the substance in portable tanks. The codes identifying the other portable tank instructions that are also permitted for the carriage

of the substance are to be found in 4.2.4.2.5. If no code is given, carriage in portable tanks is not permitted.

The general requirements for the design, construction, equipment, type approval, testing and marking of portable tanks are to be found in Chapter 6.7. The general requirements for the use (e.g. filling) are to be found in 4.2.1 to 4.2.3.

***NOTE**: Special provisions, indicated in Column (11), may change the above requirements.*

Column (11) "Portable tank special provisions"

Contains the alphanumeric codes of the portable tank special provisions that have additionally to be met. These codes, starting with the letters "TP" refer to special provisions for the construction or use of these portable tanks. They are to be found in 4.2.4.3.

Column (12) "Tank codes for ADR tanks"

Contains an alphanumeric code describing a tank type, in accordance with 4.3.3.1.1 (for gases of Class 2) or 4.3.4.1.1 (for substances of Classes 3 to 9). This tank type corresponds to the least stringent tank provisions that are acceptable for the carriage of the relevant substance in ADR tanks. The codes describing the other permitted tank types are to be found in 4.3.3.1.2 (for gases of Class 2) or 4.3.4.1.2 (for substances of Classes 3 to 9). If no code is given, carriage in ADR tanks is not permitted.

If in this column a tank code for solids (S) and for liquids (L) is indicated, this means that this substance may be carried in the solid or the liquid (molten) state. In general this provision is applicable to substances having melting points from 20 °C to 180 °C.

The general requirements for the construction, equipment, type approval, testing and marking that are not indicated in the tank code are to be found in 6.8.1, 6.8.2, 6.8.3 and 6.8.5. The general requirements for the use (e.g. maximum degree of filling, minimum test pressure) are to be found in 4.3.1 to 4.3.4.

The indication of a "(M)" after the tank code means that the substance can also be carried in battery-vehicles or MEGCs.

The indication of a "(+)" after the tank code means that the alternative use of tanks and the hierarchy of 4.3.4.1.3 is not applicable.

For fibre-reinforced plastic tanks, see 4.4.1 and Chapter 6.9; for vacuum operated waste tanks, see 4.5.1 and Chapter 6.10.

***NOTE**: Special provisions, indicated in Column (13), may change the above requirements.*

Column (13) "Special provisions for ADR tanks"

Contains the alphanumeric codes of the special provisions for ADR tanks that have additionally to be met:

- Alphanumeric codes starting with the letters "TU" refer to special provisions for the use of these tanks. These are to be found in 4.3.5;

- Alphanumeric codes starting with the letters "TC" refer to special provisions for the construction of these tanks. These are to be found in 6.8.4 (a);

- Alphanumeric codes starting with the letters "TE" refer to special provisions concerning the items of equipment of these tanks. These are to be found in 6.8.4 (b);

- Alphanumeric codes starting with the letters "TA" refer to special provisions for the type approval of these tanks. These are to be found in 6.8.4 (c);

- Alphanumeric codes starting with the letters "TT" refer to special provisions for the testing of these tanks. These are to be found in 6.8.4 (d);

- Alphanumeric codes starting with the letters "TM" refer to special provisions for the marking of these tanks. These are to be found in 6.8.4 (e).

Column (14) "Vehicle for tank carriage"

Contains a code designating the vehicle (see 9.1.1) to be used for the carriage of the substance in tank in accordance with 7.4.2. The requirements concerning the construction and approval of vehicles are to be found in Chapters 9.1, 9.2 and 9.7.

Column (15) "Transport category"

Contains a figure indicating the transport category to which the substance or article is assigned for the purposes of exemption related to quantities carried per transport unit (see 1.1.3.6).

Column (16) "Special provisions for carriage - Packages"

Contains the alphanumeric code(s), starting with letter "V", of the applicable special provisions (if any) for carriage in packages. These are listed in 7.2.4. General provisions concerning the carriage in packages are to be found in Chapters 7.1 and 7.2.

NOTE: *In addition, special provisions indicated in Column (18), concerning loading, unloading and handling, shall be observed*.

Column (17) "Special provisions for carriage - Bulk"

Contains the alphanumeric code(s), starting with letters "VV", of the applicable special provisions for carriage in bulk. These are listed in 7.3.3. If no code is given, carriage in bulk is not permitted. General provisions concerning the carriage in bulk are to be found in Chapters 7.1 and 7.3.

***NOTE**: In addition, special provisions indicated in Column (18), concerning loading, unloading and handling, shall be observed*.

Column (18) "Special provisions for carriage - Loading and unloading"

Contains the alphanumeric code(s), starting with letters "CV", of the applicable special provisions for loading, unloading and handling. These are listed in 7.5.11. If no code is given, only the general provisions apply (see 7.5.1 to 7.5.10).

Column (19) "Special provisions for carriage - Operation"

Contains the alphanumeric code(s), starting with letter "S", of the applicable special provisions for operation which are listed in Chapter 8.5. These provisions shall be applied in addition to the requirements of Chapters 8.1 to 8.4 but in the event of conflict with the requirements of Chapters 8.1 to 8.4, the special provisions shall take precedence.

Column (20) "Hazard identification number"

Contains a two or three figures number (in some cases prefixed by the letter "X") which shall appear on the upper part of the orange-coloured plate when required for carriage in tank or in bulk according to 5.3.2.1. The meaning of the hazard identification numbers is explained in 5.3.2.3.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0004	AMMONIUM PICRATE dry or wetted with less than 10% water, by mass	1	1.1D		1		LQ0	P112(a) (b)(c)	PP26	MP20		
0005	CARTRIDGES FOR WEAPONS with bursting charge	1	1.1F		1		LQ0	P130		MP23		
0006	CARTRIDGES FOR WEAPONS with bursting charge	1	1.1E		1		LQ0	P130 LP101	PP67 L1	MP21		
0007	CARTRIDGES FOR WEAPONS with bursting charge	1	1.2F		1		LQ0	P130		MP23		
0009	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1	1.2G		1		LQ0	P130 LP101	PP67 L1	MP23		
0010	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1	1.3G		1		LQ0	P130 LP101	PP67 L1	MP23		
0012	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS	1	1.4S		1.4		LQ0	P130		MP23 MP24		
0014	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK	1	1.4S		1.4		LQ0	P130		MP23 MP24		
0015	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1	1.2G		1+8	204	LQ0	P130 LP101	PP67 L1	MP23		
0016	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1	1.3G		1+8	204	LQ0	P130 LP101	PP67 L1	MP23		
0018	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1	1.2G		1+ 6.1 +8		LQ0	P130 LP101	PP67 L1	MP23		
0019	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1	1.3G		1 +6.1 +8		LQ0	P130 LP101	PP67 L1	MP23		
0020	AMMUNITION, TOXIC with burster, expelling charge or propelling charge	1	1.2K	CARRIAGE PROHIBITED								
0021	AMMUNITION, TOXIC with burster, expelling charge or propelling charge	1	1.3K	CARRIAGE PROHIBITED								
0027	BLACK POWDER (GUNPOWDER), granular or as a meal	1	1.1D		1		LQ0	P113	PP50	MP20 MP24		
0028	BLACK POWDER (GUNPOWDER), COMPRESSED or BLACK POWDER (GUNPOWDER), IN PELLETS	1	1.1D		1		LQ0	P113	PP51	MP20 MP24		
0029	DETONATORS, NON-ELECTRIC for blasting	1	1.1B		1		LQ0	P131	PP68	MP23		
0030	DETONATORS, ELECTRIC for blasting	1	1.1B		1		LQ0	P131		MP23		
0033	BOMBS with bursting charge	1	1.1F		1		LQ0	P130		MP23		
0034	BOMBS with bursting charge	1	1.1D		1		LQ0	P130 LP101	PP67 L1	MP21		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identifi-cation No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2 V3		CV1 CV2 CV3	S1		0004	AMMONIUM PICRATE dry or wetted with less than 10% water, by mass
			1	V2		CV1 CV2 CV3	S1		0005	CARTRIDGES FOR WEAPONS with bursting charge
			1	V2		CV1 CV2 CV3	S1		0006	CARTRIDGES FOR WEAPONS with bursting charge
			1	V2		CV1 CV2 CV3	S1		0007	CARTRIDGES FOR WEAPONS with bursting charge
			1	V2		CV1 CV2 CV3	S1		0009	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge
			1	V2		CV1 CV2 CV3	S1		0010	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge
			4	V2		CV1 CV2 CV3	S1		0012	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS
			4	V2		CV1 CV2 CV3	S1		0014	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK
			1	V2		CV1 CV2 CV3	S1		0015	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge
			1	V2		CV1 CV2 CV3	S1		0016	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge
			1	V2		CV1 CV2 CV3 CV28	S1		0018	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge
			1	V2		CV1 CV2 CV3 CV28	S1		0019	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge
CARRIAGE PROHIBITED									0020	AMMUNITION, TOXIC with burster, expelling charge or propelling charge
CARRIAGE PROHIBITED									0021	AMMUNITION, TOXIC with burster, expelling charge or propelling charge
			1	V2 V3		CV1 CV2 CV3	S1		0027	BLACK POWDER (GUNPOWDER), granular or as a meal
			1	V2		CV1 CV2 CV3	S1		0028	BLACK POWDER (GUNPOWDER), COMPRESSED or BLACK POWDER (GUNPOWDER), IN PELLETS
			1	V2		CV1 CV2 CV3	S1		0029	DETONATORS, NON-ELECTRIC for blasting
			1	V2		CV1 CV2 CV3	S1		0030	DETONATORS, ELECTRIC for blasting
			1	V2		CV1 CV2 CV3	S1		0033	BOMBS with bursting charge
			1	V2		CV1 CV2 CV3	S1		0034	BOMBS with bursting charge

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0035	BOMBS with bursting charge	1	1.2D		1		LQ0	P130 LP101	PP67 L1	MP21		
0037	BOMBS, PHOTO-FLASH	1	1.1F		1		LQ0	P130		MP23		
0038	BOMBS, PHOTO-FLASH	1	1.1D		1		LQ0	P130 LP101	PP67 L1	MP21		
0039	BOMBS, PHOTO-FLASH	1	1.2G		1		LQ0	P130 LP101	PP67 L1	MP23		
0042	BOOSTERS without detonator	1	1.1D		1		LQ0	P132		MP21		
0043	BURSTERS, explosive	1	1.1D		1		LQ0	P133	PP69	MP21		
0044	PRIMERS, CAP TYPE	1	1.4S		1.4		LQ0	P133		MP23 MP24		
0048	CHARGES, DEMOLITION	1	1.1D		1		LQ0	P130 LP101	PP67 L1	MP21		
0049	CARTRIDGES, FLASH	1	1.1G		1		LQ0	P135		MP23		
0050	CARTRIDGES, FLASH	1	1.3G		1		LQ0	P135		MP23		
0054	CARTRIDGES, SIGNAL	1	1.3G		1		LQ0	P135		MP23 MP24		
0055	CASES, CARTRIDGE, EMPTY, WITH PRIMER	1	1.4S		1.4		LQ0	P136		MP23		
0056	CHARGES, DEPTH	1	1.1D		1		LQ0	P130 LP101	PP67 L1	MP21		
0059	CHARGES, SHAPED without detonator	1	1.1D		1		LQ0	P137	PP70	MP21		
0060	CHARGES, SUPPLEMENTARY, EXPLOSIVE	1	1.1D		1		LQ0	P132		MP21		
0065	CORD, DETONATING, flexible	1	1.1D		1		LQ0	P139	PP71 PP72	MP21		
0066	CORD, IGNITER	1	1.4G		1.4		LQ0	P140		MP23		
0070	CUTTERS, CABLE, EXPLOSIVE	1	1.4S		1.4		LQ0	P134 LP102		MP23		
0072	CYCLOTRIMETHYLENE-TRINITRAMINE (CYCLONITE; HEXOGEN; RDX), WETTED with not less than 15% water, by mass	1	1.1D		1	266	LQ0	P112 (a)	PP45	MP20		
0073	DETONATORS FOR AMMUNITION	1	1.1B		1		LQ0	P133		MP23		
0074	DIAZODINITROPHENOL, WETTED with not less than 40% water, or mixture of alcohol and water, by mass	1	1.1A		1	266	LQ0	P110 (b)	PP42	MP20		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2		CV1 CV2 CV3	S1		0035	BOMBS with bursting charge
			1	V2		CV1 CV2 CV3	S1		0037	BOMBS, PHOTO-FLASH
			1	V2		CV1 CV2 CV3	S1		0038	BOMBS, PHOTO-FLASH
			1	V2		CV1 CV2 CV3	S1		0039	BOMBS, PHOTO-FLASH
			1	V2		CV1 CV2 CV3	S1		0042	BOOSTERS without detonator
			1	V2		CV1 CV2 CV3	S1		0043	BURSTERS, explosive
			4	V2		CV1 CV2 CV3	S1		0044	PRIMERS, CAP TYPE
			1	V2		CV1 CV2 CV3	S1		0048	CHARGES, DEMOLITION
			1	V2		CV1 CV2 CV3	S1		0049	CARTRIDGES, FLASH
			1	V2		CV1 CV2 CV3	S1		0050	CARTRIDGES, FLASH
			1	V2		CV1 CV2 CV3	S1		0054	CARTRIDGES, SIGNAL
			4	V2		CV1 CV2 CV3	S1		0055	CASES, CARTRIDGE, EMPTY, WITH PRIMER
			1	V2		CV1 CV2 CV3	S1		0056	CHARGES, DEPTH
			1	V2		CV1 CV2 CV3	S1		0059	CHARGES, SHAPED without detonator
			1	V2		CV1 CV2 CV3	S1		0060	CHARGES, SUPPLEMENTARY, EXPLOSIVE
			1	V2		CV1 CV2 CV3	S1		0065	CORD, DETONATING, flexible
			2	V2		CV1 CV2 CV3	S1		0066	CORD, IGNITER
			4	V2		CV1 CV2 CV3	S1		0070	CUTTERS, CABLE, EXPLOSIVE
			1	V2		CV1 CV2 CV3	S1		0072	CYCLOTRIMETHYLENE-TRINITRAMINE (CYCLONITE; HEXOGEN; RDX), WETTED with not less than 15% water, by mass
			1	V2		CV1 CV2 CV3	S1		0073	DETONATORS FOR AMMUNITION
			0	V2		CV1 CV2 CV3	S1		0074	DIAZODINITROPHENOL, WETTED with not less than 40% water, or mixture of alcohol and water, by mass

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0075	DIETHYLENEGLYCOL DINITRATE, DESENSITIZED with not less than 25% non-volatile, water-insoluble phlegmatizer, by mass	1	1.1D		1	266	LQ0	P115	PP53 PP54 PP57 PP58	MP20		
0076	DINITROPHENOL, dry or wetted with less than 15% water, by mass	1	1.1D		1 +6.1		LQ0	P112 (a) (b)(c)	PP26	MP20		
0077	DINITROPHENOLATES, alkali metals, dry or wetted with less than 15% water, by mass	1	1.3C		1 +6.1		LQ0	P114 (a) (b)	PP26	MP20		
0078	DINITRORESORCINOL, dry or wetted with less than 15% water, by mass	1	1.1D		1		LQ0	P112(a) (b)(c)	PP26	MP20		
0079	HEXANITRODIPHENYL-AMINE (DIPICRYLAMINE; HEXYL)	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0081	EXPLOSIVE, BLASTING, TYPE A	1	1.1D		1	616 617	LQ0	P116	PP63 PP66	MP20		
0082	EXPLOSIVE, BLASTING, TYPE B	1	1.1D		1	617	LQ0	P116 IBC100	PP61 PP62 PP65 B9	MP20		
0083	EXPLOSIVE, BLASTING, TYPE C	1	1.1D		1	267 617	LQ0	P116		MP20		
0084	EXPLOSIVE, BLASTING, TYPE D	1	1.1D		1	617	LQ0	P116		MP20		
0092	FLARES, SURFACE	1	1.3G		1		LQ0	P135		MP23		
0093	FLARES, AERIAL	1	1.3G		1		LQ0	P135		MP23		
0094	FLASH POWDER	1	1.1G		1		LQ0	P113	PP49	MP20		
0099	FRACTURING DEVICES, EXPLOSIVE without detonator, for oil wells	1	1.1D		1		LQ0	P134 LP102		MP21		
0101	FUSE, NON-DETONATING	1	1.3G		1		LQ0	P140	PP74 PP75	MP23		
0102	CORD (FUSE), DETONATING, metal clad	1	1.2D		1		LQ0	P139	PP71	MP21		
0103	FUSE, IGNITER, tubular, metal clad	1	1.4G		1.4		LQ0	P140		MP23		
0104	CORD (FUSE), DETONATING, MILD EFFECT, metal clad	1	1.4D		1.4		LQ0	P139	PP71	MP21		
0105	FUSE, SAFETY	1	1.4S		1.4		LQ0	P140	PP73	MP23		
0106	FUZES, DETONATING	1	1.1B		1		LQ0	P141		MP23		
0107	FUZES, DETONATING	1	1.2B		1		LQ0	P141		MP23		
0110	GRENADES, PRACTICE, hand or rifle	1	1.4S		1.4		LQ0	P141		MP23		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2		CV1 CV2 CV3	S1		0075	DIETHYLENEGLYCOL DINITRATE, DESENSITIZED with not less than 25% non-volatile, water-insoluble phlegmatizer, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0076	DINITROPHENOL, dry or wetted with less than 15% water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0077	DINITROPHENOLATES, alkali metals, dry or wetted with less than 15% water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0078	DINITRORESORCINOL, dry or wetted with less than 15% water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0079	HEXANITRODIPHENYL AMINE (DIPICRYLAMINE; HEXYL)
			1	V2 V3		CV1 CV2 CV3	S1		0081	EXPLOSIVE, BLASTING, TYPE A
			1	V2 V3		CV1 CV2 CV3	S1		0082	EXPLOSIVE, BLASTING, TYPE B
			1	V2 V3		CV1 CV2 CV3	S1		0083	EXPLOSIVE, BLASTING, TYPE C
			1	V2		CV1 CV2 CV3	S1		0084	EXPLOSIVE, BLASTING, TYPE D
			1	V2		CV1 CV2 CV3	S1		0092	FLARES, SURFACE
			1	V2		CV1 CV2 CV3	S1		0093	FLARES, AERIAL
			1	V2 V3		CV1 CV2 CV3	S1		0094	FLASH POWDER
			1	V2		CV1 CV2 CV3	S1		0099	FRACTURING DEVICES, EXPLOSIVE without detonator, for oil wells
			1	V2		CV1 CV2 CV3	S1		0101	FUSE, NON-DETONATING
			1	V2		CV1 CV2 CV3	S1		0102	CORD (FUSE), DETONATING, metal clad
			2	V2		CV1 CV2 CV3	S1		0103	FUSE, IGNITER, tubular, metal clad
			2	V2		CV1 CV2 CV3	S1		0104	CORD (FUSE), DETONATING, MILD EFFECT, metal clad
			4	V2		CV1 CV2 CV3	S1		0105	FUSE, SAFETY
			1	V2		CV1 CV2 CV3	S1		0106	FUZES, DETONATING
			1	V2		CV1 CV2 CV3	S1		0107	FUZES, DETONATING
			4	V2		CV1 CV2 CV3	S1		0110	GRENADES, PRACTICE, hand or rifle

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0113	GUANYLNITROSAMINO-GUANYLIDENE HYDRAZINE, WETTED with not less than 30% water, by mass	1	1.1A		1	266	LQ0	P110(b)	PP42	MP20		
0114	GUANYLNITROSAMINO-GUANYLTETRAZENE (TETRAZENE), WETTED with not less than 30% water, or mixture of alcohol and water, by mass	1	1.1A		1	266	LQ0	P110(b)	PP42	MP20		
0118	HEXOLITE (HEXOTOL), dry or wetted with less than 15% water, by mass	1	1.1D		1		LQ0	P112		MP20		
0121	IGNITERS	1	1.1G		1		LQ0	P142		MP23		
0124	JET PERFORATING GUNS, CHARGED, oil well, without detonator	1	1.1D		1		LQ0	P101		MP21		
0129	LEAD AZIDE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1	1.1A		1	266	LQ0	P110(b)	PP42	MP20		
0130	LEAD STYPHNATE (LEAD TRINITRORESORCINATE), WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1	1.1A		1	266	LQ0	P110(b)	PP42	MP20		
0131	LIGHTERS, FUSE	1	1.4S		1.4		LQ0	P142		MP23		
0132	DEFLAGRATING METAL SALTS OF AROMATIC NITRODERIVATIVES, N.O.S.	1	1.3C		1	274	LQ0	P114(a)(b)	PP26	MP2		
0133	MANNITOL HEXANITRATE (NITROMANNITE), WETTED with not less than 40% water, or mixture of alcohol and water, by mass	1	1.1D		1	266	LQ0	P112(a)		MP20		
0135	MERCURY FULMINATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1	1.1A		1	266	LQ0	P110(b)	PP42	MP20		
0136	MINES with bursting charge	1	1.1F		1		LQ0	P130		MP23		
0137	MINES with bursting charge	1	1.1D		1		LQ0	P130 LP101	PP67 L1	MP21		
0138	MINES with bursting charge	1	1.2D		1		LQ0	P130 LP101	PP67 L1	MP21		
0143	NITROGLYCERIN, DESENSITIZED with not less than 40% non-volatile water-insoluble phlegmatizer, by mass	1	1.1D		1 +6.1	266 271	LQ0	P115	PP53 PP54 PP57 PP58	MP20		
0144	NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 10% nitroglycerin	1	1.1D		1	500	LQ0	P115	PP45 PP55 PP56 PP59 PP60	MP20		
0146	NITROSTARCH, dry or wetted with less than 20% water, by mass	1	1.1D		1		LQ0	P112		MP20		
0147	NITRO UREA	1	1.1D		1		LQ0	P112(b)		MP20		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			0	V2		CV1 CV2 CV3	S1		0113	GUANYLNITROSAMINO-GUANYLIDENE HYDRAZINE, WETTED with not less than 30% water, by mass
			0	V2		CV1 CV2 CV3	S1		0114	GUANYLNITROSAMINO-GUANYLTETRAZENE (TETRAZENE), WETTED with not less than 30% water, or mixture of alcohol and water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0118	HEXOLITE (HEXOTOL), dry or wetted with less than 15% water, by mass
			1	V2		CV1 CV2 CV3	S1		0121	IGNITERS
			1	V2		CV1 CV2 CV3	S1		0124	JET PERFORATING GUNS, CHARGED, oil well, without detonator
			0	V2		CV1 CV2 CV3	S1		0129	LEAD AZIDE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass
			0	V2		CV1 CV2 CV3	S1		0130	LEAD STYPHNATE (LEAD TRINITRORESORCINATE), WETTED with not less than 20% water, or mixture of alcohol and water, by mass
			4	V2		CV1 CV2 CV3	S1		0131	LIGHTERS, FUSE
			1	V2 V3		CV1 CV2 CV3	S1		0132	DEFLAGRATING METAL SALTS OF AROMATIC NITRODERIVATIVES, N.O.S.
			1	V2		CV1 CV2 CV3	S1		0133	MANNITOL HEXANITRATE (NITROMANNITE), WETTED with not less than 40% water, or mixture of alcohol and water, by mass
			0	V2		CV1 CV2 CV3	S1		0135	MERCURY FULMINATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass
			1	V2		CV1 CV2 CV3	S1		0136	MINES with bursting charge
			1	V2		CV1 CV2 CV3	S1		0137	MINES with bursting charge
			1	V2		CV1 CV2 CV3	S1		0138	MINES with bursting charge
			1	V2		CV1 CV2 CV3 CV28	S1		0143	NITROGLYCERIN, DESENSITIZED with not less than 40% non-volatile water-insoluble phlegmatizer, by mass
			1	V2		CV1 CV2 CV3	S1		0144	NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 10% nitroglycerin
			1	V2 V3		CV1 CV2 CV3	S1		0146	NITROSTARCH, dry or wetted with less than 20% water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0147	NITRO UREA

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0150	PENTAERYTHRITE TETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN), WETTED with not less than 25% water, by mass, or DESENSITIZED with not less than 15% phlegmatizer, by mass	1	1.1D		1	266	LQ0	P112(a) (b)		MP20		
0151	PENTOLITE, dry or wetted with less than 15% water, by mass	1	1.1D		1		LQ0	P112		MP20		
0153	TRINITROANILINE (PICRAMIDE)	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0154	TRINITROPHENOL (PICRIC ACID), dry or wetted with less than 30% water, by mass	1	1.1D		1	15	LQ0	P112(a) (b)(c)	PP26	MP20		
0154	TRINITROPHENOL (PICRIC ACID) wetted with not less than 10% water, by mass	4.1	D	I	4.1	15	LQ0	P406		MP2		
0155	TRINITROCHLOROBENZENE (PICRYL CHLORIDE)	1	1.1D		1	15	LQ0	P112(b) (c)		MP20		
0155	TRINITROCHLOROBENZENE (PICRYL CHLORIDE) wetted with not less than 10% water, by mass	4.1	D	I	4.1	15	LQ0	P406		MP2		
0159	POWDER CAKE (POWDER PASTE), WETTED with not less than 25% water, by mass	1	1.3C		1	266	LQ0	P111	PP43	MP20		
0160	POWDER, SMOKELESS	1	1.1C		1		LQ0	P114(b)	PP50 PP52	MP20 MP24		
0161	POWDER, SMOKELESS	1	1.3C		1		LQ0	P114(b)	PP50 PP52	MP20 MP24		
0167	PROJECTILES with bursting charge	1	1.1F		1		LQ0	P130		MP23		
0168	PROJECTILES with bursting charge	1	1.1D		1		LQ0	P130 LP101	PP67 L1	MP21		
0169	PROJECTILES with bursting charge	1	1.2D		1		LQ0	P130 LP101	PP67 L1	MP21		
0171	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1	1.2G		1		LQ0	P130 LP101	PP67 L1	MP23		
0173	RELEASE DEVICES, EXPLOSIVE	1	1.4S		1.4		LQ0	P134 LP102		MP23		
0174	RIVETS, EXPLOSIVE	1	1.4S		1.4		LQ0	P134 LP102		MP23		
0180	ROCKETS with bursting charge	1	1.1F		1		LQ0	P130		MP23		
0181	ROCKETS with bursting charge	1	1.1E		1		LQ0	P130 LP101	PP67 L1	MP21		
0182	ROCKETS with bursting charge	1	1.2E		1		LQ0	P130 LP101	PP67 L1	MP21		
0183	ROCKETS with inert head	1	1.3C		1		LQ0	P130 LP101	PP67 L1	MP22		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2 V3		CV1 CV2 CV3	S1		0150	PENTAERYTHRITE TETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN), WETTED with not less than 25% water, by mass, or DESENSITIZED with not less than 15% phlegmatizer, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0151	PENTOLITE, dry or wetted with less than 15% water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0153	TRINITROANILINE (PICRAMIDE)
			1	V2 V3		CV1 CV2 CV3	S1		0154	TRINITROPHENOL (PICRIC ACID), dry or wetted with less than 30% water, by mass
			1				S17		0154	TRINITROPHENOL (PICRIC ACID) wetted with not less than 10% water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0155	TRINITROCHLOROBENZENE (PICRYL CHLORIDE)
			1				S17		0155	TRINITROCHLOROBENZENE (PICRYL CHLORIDE) wetted with not less than 10% water, by mass
			1	V2		CV1 CV2 CV3	S1		0159	POWDER CAKE (POWDER PASTE), WETTED with not less than 25% water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0160	POWDER, SMOKELESS
			1	V2 V3		CV1 CV2 CV3	S1		0161	POWDER, SMOKELESS
			1	V2		CV1 CV2 CV3	S1		0167	PROJECTILES with bursting charge
			1	V2		CV1 CV2 CV3	S1		0168	PROJECTILES with bursting charge
			1	V2		CV1 CV2 CV3	S1		0169	PROJECTILES with bursting charge
			1	V2		CV1 CV2 CV3	S1		0171	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge
			4	V2		CV1 CV2 CV3	S1		0173	RELEASE DEVICES, EXPLOSIVE
			4	V2		CV1 CV2 CV3	S1		0174	RIVETS, EXPLOSIVE
			1	V2		CV1 CV2 CV3	S1		0180	ROCKETS with bursting charge
			1	V2		CV1 CV2 CV3	S1		0181	ROCKETS with bursting charge
			1	V2		CV1 CV2 CV3	S1		0182	ROCKETS with bursting charge
			1	V2		CV1 CV2 CV3	S1		0183	ROCKETS with inert head

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0186	ROCKET MOTORS	1	1.3C		1		LQ0	P130 LP101	PP67 L1	MP22 MP24		
0190	SAMPLES, EXPLOSIVE, other than initiating explosive	1				16 274	LQ0	P101		MP2		
0191	SIGNAL DEVICES, HAND	1	1.4G		1.4		LQ0	P135		MP23 MP24		
0192	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1	1.1G		1		LQ0	P135		MP23		
0193	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1	1.4S		1.4		LQ0	P135		MP23		
0194	SIGNALS, DISTRESS, ship	1	1.1G		1		LQ0	P135		MP23 MP24		
0195	SIGNALS, DISTRESS, ship	1	1.3G		1		LQ0	P135		MP23 MP24		
0196	SIGNALS, SMOKE	1	1.1G		1		LQ0	P135		MP23		
0197	SIGNALS, SMOKE	1	1.4G		1.4		LQ0	P135		MP23 MP24		
0204	SOUNDING DEVICES, EXPLOSIVE	1	1.2F		1		LQ0	P134 LP102		MP23		
0207	TETRANITROANILINE	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0208	TRINITROPHENYLMETHYL-NITRAMINE (TETRYL)	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0209	TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass	1	1.1D		1	15	LQ0	P112(b) (c)	PP46	MP20		
0209	TRINITROTOLUENE (TNT), wetted with not less than 10% water, by mass	4.1	D	I	4.1	15	LQ0	P406		MP2		
0212	TRACERS FOR AMMUNITION	1	1.3G		1		LQ0	P133	PP69	MP23		
0213	TRINITROANISOLE	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0214	TRINITROBENZENE, dry or wetted with less than 30% water, by mass	1	1.1D		1	15	LQ0	P112		MP20		
0214	TRINITROBENZENE, wetted with not less than 10% water, by mass	4.1	D	I	4.1	15	LQ0	P406		MP2		
0215	TRINITROBENZOIC ACID, dry or wetted with less than 30% water, by mass	1	1.1D		1	15	LQ0	P112		MP20		
0215	TRINITROBENZOIC ACID, wetted with not less than 10% water, by mass	4.1	D	I	4.1	15	LQ0	P406		MP2		
0216	TRINITRO-m-CRESOL	1	1.1D		1		LQ0	P112(b) (c)	PP26	MP20		
0217	TRINITRONAPHTHALENE	1	1.1D		1		LQ0	P112(b) (c)		MP20		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2		CV1 CV2 CV3	S1		0186	ROCKET MOTORS
			0	V2		CV1 CV2 CV3	S1		0190	SAMPLES, EXPLOSIVE, other than initiating explosive
			2	V2		CV1 CV2 CV3	S1		0191	SIGNAL DEVICES, HAND
			1	V2		CV1 CV2 CV3	S1		0192	SIGNALS, RAILWAY TRACK, EXPLOSIVE
			4	V2		CV1 CV2 CV3	S1		0193	SIGNALS, RAILWAY TRACK, EXPLOSIVE
			1	V2		CV1 CV2 CV3	S1		0194	SIGNALS, DISTRESS, ship
			1	V2		CV1 CV2 CV3	S1		0195	SIGNALS, DISTRESS, ship
			1	V2		CV1 CV2 CV3	S1		0196	SIGNALS, SMOKE
			2	V2		CV1 CV2 CV3	S1		0197	SIGNALS, SMOKE
			1	V2		CV1 CV2 CV3	S1		0204	SOUNDING DEVICES, EXPLOSIVE
			1	V2 V3		CV1 CV2 CV3	S1		0207	TETRANITROANILINE
			1	V2 V3		CV1 CV2 CV3	S1		0208	TRINITROPHENYLMETHYL-NITRAMINE (TETRYL)
			1	V2 V3		CV1 CV2 CV3	S1		0209	TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass
			1				S17		0209	TRINITROTOLUENE (TNT), wetted with not less than 10% water, by mass
			1	V2		CV1 CV2 CV3	S1		0212	TRACERS FOR AMMUNITION
			1	V2 V3		CV1 CV2 CV3	S1		0213	TRINITROANISOLE
			1	V2 V3		CV1 CV2 CV3	S1		0214	TRINITROBENZENE, dry or wetted with less than 30% water, by mass
			1				S17		0214	TRINITROBENZENE, wetted with not less than 10% water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0215	TRINITROBENZOIC ACID, dry or wetted with less than 30% water, by mass
			1				S17		0215	TRINITROBENZOIC ACID, wetted with not less than 10% water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0216	TRINITRO-m-CRESOL
			1	V2 V3		CV1 CV2 CV3	S1		0217	TRINITRONAPHTHALENE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0218	TRINITROPHENETOLE	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0219	TRINITRORESORCINOL (STYPHNIC ACID), dry or wetted with less than 20% water, or mixture of alcohol and water, by mass	1	1.1D		1		LQ0	P112(a) (b)(c)	PP26	MP20		
0220	UREA NITRATE, dry or wetted with less than 20% water, by mass	1	1.1D		1	18	LQ0	P112		MP20		
0220	UREA NITRATE, wetted with not less than 10% water, by mass	4.1	D	I	4.1	18	LQ0	P406		MP2		
0221	WARHEADS, TORPEDO with bursting charge	1	1.1D		1		LQ0	P130 LP101	PP67 L1	MP21		
0222	AMMONIUM NITRATE with more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	1	1.1D		1		LQ0	P112(b) (c)	PP47	MP20		
0223	AMMONIUM NITRATE FERTILIZER, which is more liable to explode than ammonium nitrate with 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	1	1.1D		1		LQ0	P112(b) (c)	PP47	MP20		
0224	BARIUM AZIDE, dry or wetted with less than 50% water, by mass	1	1.1A		1 +6.1		LQ0	P110(b)	PP42	MP20		
0225	BOOSTERS WITH DETONATOR	1	1.1B		1		LQ0	P133	PP69	MP23		
0226	CYCLOTETRAMETHYLENE-TETRANITRAMINE (HMX; OCTOGEN), WETTED with not less than 15% water, by mass	1	1.1D		1	266	LQ0	P112(a)	PP45	MP20		
0234	SODIUM DINITRO-o-CRESOLATE, dry or wetted with less than 15% water, by mass	1	1.3C		1	15	LQ0	P114(a) (b)	PP26	MP20		
0234	SODIUM DINITRO-o-CRESOLATE, WETTED with not less than 10% water, by mass	4.1	DT	I	4.1 +6.1	15	LQ0	P406		MP2		
0235	SODIUM PICRAMATE, dry or wetted with less than 20% water, by mass	1	1.3C		1		LQ0	P114(a) (b)	PP26	MP20		
0236	ZIRCONIUM PICRAMATE, dry or wetted with less than 20% water, by mass	1	1.3C		1		LQ0	P114(a) (b)	PP26	MP20		
0237	CHARGES, SHAPED, FLEXIBLE, LINEAR	1	1.4D		1.4		LQ0	P138		MP21		
0238	ROCKETS, LINE-THROWING	1	1.2G		1		LQ0	P130		MP23 MP24		
0240	ROCKETS, LINE-THROWING	1	1.3G		1		LQ0	P130		MP23 MP24		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2 V3		CV1 CV2 CV3	S1		0218	TRINITROPHENETOLE
			1	V2 V3		CV1 CV2 CV3	S1		0219	TRINITRORESORCINOL (STYPHNIC ACID), dry or wetted with less than 20% water, or mixture of alcohol and water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0220	UREA NITRATE, dry or wetted with less than 20% water, by mass
			1				S17		0220	UREA NITRATE, wetted with not less than 10% water, by mass
			1	V2		CV1 CV2 CV3	S1		0221	WARHEADS, TORPEDO with bursting charge
			1	V2 V3		CV1 CV2 CV3	S1		0222	AMMONIUM NITRATE with more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance
			1	V2 V3		CV1 CV2 CV3	S1		0223	AMMONIUM NITRATE FERTILIZER, which is more liable to explode than ammonium nitrate with 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance
			0	V2 V3		CV1 CV2 CV3 CV28	S1		0224	BARIUM AZIDE, dry or wetted with less than 50% water, by mass
			1	V2		CV1 CV2 CV3	S1		0225	BOOSTERS WITH DETONATOR
			1	V2		CV1 CV2 CV3	S1		0226	CYCLOTETRAMETHYLENE-TETRANITRAMINE (HMX; OCTOGEN), WETTED with not less than 15% water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0234	SODIUM DINITRO-o-CRESOLATE, dry or wetted with less than 15% water, by mass
			1			CV13 CV28	S17		0234	SODIUM DINITRO-o-CRESOLATE, WETTED with not less than 10% water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0235	SODIUM PICRAMATE, dry or wetted with less than 20% water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0236	ZIRCONIUM PICRAMATE, dry or wetted with less than 20% water, by mass
			2	V2		CV1 CV2 CV3	S1		0237	CHARGES, SHAPED, FLEXIBLE, LINEAR
			1	V2		CV1 CV2 CV3	S1		0238	ROCKETS, LINE-THROWING
			1	V2		CV1 CV2 CV3	S1		0240	ROCKETS, LINE-THROWING

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0241	EXPLOSIVE, BLASTING, TYPE E	1	1.1D		1	617	LQ0	P116 IBC100	PP61 PP62 PP65 B10	MP20		
0242	CHARGES, PROPELLING, FOR CANNON	1	1.3C		1		LQ0	P130		MP22		
0243	AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1	1.2H		1		LQ0	P130 LP101	PP67 L1	MP23		
0244	AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1	1.3H		1		LQ0	P130 LP101	PP67 L1	MP23		
0245	AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1	1.2H		1		LQ0	P130 LP101	PP67 L1	MP23		
0246	AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	1	1.3H		1		LQ0	P130 LP101	PP67 L1	MP23		
0247	AMMUNITION, INCENDIARY, liquid or gel, with burster, expelling charge or propelling charge	1	1.3J		1		LQ0	P101		MP23		
0248	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	1	1.2L		1	274	LQ0	P144	PP77	MP1		
0249	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	1	1.3L		1	274	LQ0	P144	PP77	MP1		
0250	ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	1	1.3L		1		LQ0	P101		MP1		
0254	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1	1.3G		1		LQ0	P130 LP101	PP67 L1	MP23		
0255	DETONATORS, ELECTRIC for blasting	1	1.4B		1.4		LQ0	P131		MP23		
0257	FUZES, DETONATING	1	1.4B		1.4		LQ0	P141		MP23		
0266	OCTOLITE (OCTOL), dry or wetted with less than 15% water, by mass	1	1.1D		1		LQ0	P112		MP20		
0267	DETONATORS, NON-ELECTRIC for blasting	1	1.4B		1.4		LQ0	P131	PP68	MP23		
0268	BOOSTERS WITH DETONATOR	1	1.2B		1		LQ0	P133	PP69	MP23		
0271	CHARGES, PROPELLING	1	1.1C		1		LQ0	P143	PP76	MP22		
0272	CHARGES, PROPELLING	1	1.3C		1		LQ0	P143	PP76	MP22		
0275	CARTRIDGES, POWER DEVICE	1	1.3C		1		LQ0	P134 LP102		MP22		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2		CV1 CV2 CV3	S1		0241	EXPLOSIVE, BLASTING, TYPE E
			1	V2		CV1 CV2 CV3	S1		0242	CHARGES, PROPELLING, FOR CANNON
			1	V2		CV1 CV2 CV3	S1		0243	AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge
			1	V2		CV1 CV2 CV3	S1		0244	AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge
			1	V2		CV1 CV2 CV3	S1		0245	AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge
			1	V2		CV1 CV2 CV3	S1		0246	AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge
			1	V2		CV1 CV2 CV3	S1		0247	AMMUNITION, INCENDIARY, liquid or gel, with burster, expelling charge or propelling charge
			0	V2		CV1 CV2 CV3 CV4	S1		0248	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge
			0	V2		CV1 CV2 CV3 CV4	S1		0249	CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge
			0	V2		CV1 CV2 CV3 CV4	S1		0250	ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge
			1	V2		CV1 CV2 CV3	S1		0254	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge
			2	V2		CV1 CV2 CV3	S1		0255	DETONATORS, ELECTRIC for blasting
			2	V2		CV1 CV2 CV3	S1		0257	FUZES, DETONATING
			1	V2 V3		CV1 CV2 CV3	S1		0266	OCTOLITE (OCTOL), dry or wetted with less than 15% water, by mass
			2	V2		CV1 CV2 CV3	S1		0267	DETONATORS, NON-ELECTRIC for blasting
			1	V2		CV1 CV2 CV3	S1		0268	BOOSTERS WITH DETONATOR
			1	V2		CV1 CV2 CV3	S1		0271	CHARGES, PROPELLING
			1	V2		CV1 CV2 CV3	S1		0272	CHARGES, PROPELLING
			1	V2		CV1 CV2 CV3	S1		0275	CARTRIDGES, POWER DEVICE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	**(2)**	**(3a)**	**(3b)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9a)**	**(9b)**	**(10)**	**(11)**
0276	CARTRIDGES, POWER DEVICE	1	1.4C		1.4		LQ0	P134 LP102		MP22		
0277	CARTRIDGES, OIL WELL	1	1.3C		1		LQ0	P134 LP102		MP22		
0278	CARTRIDGES, OIL WELL	1	1.4C		1.4		LQ0	P134 LP102		MP22		
0279	CHARGES, PROPELLING, FOR CANNON	1	1.1C		1		LQ0	P130		MP22		
0280	ROCKET MOTORS	1	1.1C		1		LQ0	P130 LP101	PP67 L1	MP22		
0281	ROCKET MOTORS	1	1.2C		1		LQ0	P130 LP101	PP67 L1	MP22		
0282	NITROGUANIDINE (PICRITE), dry or wetted with less than 20% water, by mass	1	1.1D		1		LQ0	P112		MP20		
0283	BOOSTERS without detonator	1	1.2D		1		LQ0	P132		MP21		
0284	GRENADES, hand or rifle, with bursting charge	1	1.1D		1		LQ0	P141		MP21		
0285	GRENADES, hand or rifle, with bursting charge	1	1.2D		1		LQ0	P141		MP21		
0286	WARHEADS, ROCKET with bursting charge	1	1.1D		1		LQ0	P130 LP101	PP67 L1	MP21		
0287	WARHEADS, ROCKET with bursting charge	1	1.2D		1		LQ0	P130 LP101	PP67 L1	MP21		
0288	CHARGES, SHAPED, FLEXIBLE, LINEAR	1	1.1D		1		LQ0	P138		MP21		
0289	CORD, DETONATING, flexible	1	1.4D		1.4		LQ0	P139	PP71 PP72	MP21		
0290	CORD (FUSE), DETONATING, metal clad	1	1.1D		1		LQ0	P139	PP71	MP21		
0291	BOMBS with bursting charge	1	1.2F		1		LQ0	P130		MP23		
0292	GRENADES, hand or rifle, with bursting charge	1	1.1F		1		LQ0	P141		MP23		
0293	GRENADES, hand or rifle, with bursting charge	1	1.2F		1		LQ0	P141		MP23		
0294	MINES with bursting charge	1	1.2F		1		LQ0	P130		MP23		
0295	ROCKETS with bursting charge	1	1.2F		1		LQ0	P130		MP23		
0296	SOUNDING DEVICES, EXPLOSIVE	1	1.1F		1		LQ0	P134 LP102		MP23		
0297	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	1	1.4G		1.4		LQ0	P130 LP101	PP67 L1	MP23		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			2	V2		CV1 CV2 CV3	S1		0276	CARTRIDGES, POWER DEVICE
			1	V2		CV1 CV2 CV3	S1		0277	CARTRIDGES, OIL WELL
			2	V2		CV1 CV2 CV3	S1		0278	CARTRIDGES, OIL WELL
			1	V2		CV1 CV2 CV3	S1		0279	CHARGES, PROPELLING, FOR CANNON
			1	V2		CV1 CV2 CV3	S1		0280	ROCKET MOTORS
			1	V2		CV1 CV2 CV3	S1		0281	ROCKET MOTORS
			1	V2 V3		CV1 CV2 CV3	S1		0282	NITROGUANIDINE (PICRITE), dry or wetted with less than 20% water, by mass
			1	V2		CV1 CV2 CV3	S1		0283	BOOSTERS without detonator
			1	V2		CV1 CV2 CV3	S1		0284	GRENADES, hand or rifle, with bursting charge
			1	V2		CV1 CV2 CV3	S1		0285	GRENADES, hand or rifle, with bursting charge
			1	V2		CV1 CV2 CV3	S1		0286	WARHEADS, ROCKET with bursting charge
			1	V2		CV1 CV2 CV3	S1		0287	WARHEADS, ROCKET with bursting charge
			1	V2		CV1 CV2 CV3	S1		0288	CHARGES, SHAPED, FLEXIBLE, LINEAR
			2	V2		CV1 CV2 CV3	S1		0289	CORD, DETONATING, flexible
			1	V2		CV1 CV2 CV3	S1		0290	CORD (FUSE), DETONATING, metal clad
			1	V2		CV1 CV2 CV3	S1		0291	BOMBS with bursting charge
			1	V2		CV1 CV2 CV3	S1		0292	GRENADES, hand or rifle, with bursting charge
			1	V2		CV1 CV2 CV3	S1		0293	GRENADES, hand or rifle, with bursting charge
			1	V2		CV1 CV2 CV3	S1		0294	MINES with bursting charge
			1	V2		CV1 CV2 CV3	S1		0295	ROCKETS with bursting charge
			1	V2		CV1 CV2 CV3	S1		0296	SOUNDING DEVICES, EXPLOSIVE
			2	V2		CV1 CV2 CV3	S1		0297	AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0299	BOMBS, PHOTO-FLASH	1	1.3G		1		LQ0	P130 LP101	PP67 L1	MP23		
0300	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	1	1.4G		1.4		LQ0	P130 LP101	PP67 L1	MP23		
0301	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	1	1.4G		1.4 +6.1 +8		LQ0	P130 LP101	PP67 L1	MP23		
0303	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	1	1.4G		1.4 +8	204	LQ0	P130 LP101	PP67 L1	MP23		
0305	FLASH POWDER	1	1.3G		1		LQ0	P113	PP49	MP20		
0306	TRACERS FOR AMMUNITION	1	1.4G		1.4		LQ0	P133	PP69	MP23		
0312	CARTRIDGES, SIGNAL	1	1.4G		1.4		LQ0	P135		MP23 MP24		
0313	SIGNALS, SMOKE	1	1.2G		1		LQ0	P135		MP23		
0314	IGNITERS	1	1.2G		1		LQ0	P142		MP23		
0315	IGNITERS	1	1.3G		1		LQ0	P142		MP23		
0316	FUZES, IGNITING	1	1.3G		1		LQ0	P141		MP23		
0317	FUZES, IGNITING	1	1.4G		1.4		LQ0	P141		MP23		
0318	GRENADES, PRACTICE, hand or rifle	1	1.3G		1		LQ0	P141		MP23		
0319	PRIMERS, TUBULAR	1	1.3G		1		LQ0	P133		MP23		
0320	PRIMERS, TUBULAR	1	1.4G		1.4		LQ0	P133		MP23		
0321	CARTRIDGES FOR WEAPONS with bursting charge	1	1.2E		1		LQ0	P130 LP101	PP67 L1	MP21		
0322	ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	1	1.2L		1		LQ0	P101		MP1		
0323	CARTRIDGES, POWER DEVICE	1	1.4S		1.4		LQ0	P134 LP102		MP23		
0324	PROJECTILES with bursting charge	1	1.2F		1		LQ0	P130		MP23		
0325	IGNITERS	1	1.4G		1.4		LQ0	P142		MP23		
0326	CARTRIDGES FOR WEAPONS, BLANK	1	1.1C		1		LQ0	P130		MP22		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2		CV1 CV2 CV3	S1		0299	BOMBS, PHOTO-FLASH
			2	V2		CV1 CV2 CV3	S1		0300	AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge
			2	V2		CV1 CV2 CV3 CV28	S1		0301	AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge
			2	V2		CV1 CV2 CV3	S1		0303	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge
			1	V2 V3		CV1 CV2 CV3	S1		0305	FLASH POWDER
			2	V2		CV1 CV2 CV3	S1		0306	TRACERS FOR AMMUNITION
			2	V2		CV1 CV2 CV3	S1		0312	CARTRIDGES, SIGNAL
			1	V2		CV1 CV2 CV3	S1		0313	SIGNALS, SMOKE
			1	V2		CV1 CV2 CV3	S1		0314	IGNITERS
			1	V2		CV1 CV2 CV3	S1		0315	IGNITERS
			1	V2		CV1 CV2 CV3	S1		0316	FUZES, IGNITING
			2	V2		CV1 CV2 CV3	S1		0317	FUZES, IGNITING
			1	V2		CV1 CV2 CV3	S1		0318	GRENADES, PRACTICE, hand or rifle
			1	V2		CV1 CV2 CV3	S1		0319	PRIMERS, TUBULAR
			2	V2		CV1 CV2 CV3	S1		0320	PRIMERS, TUBULAR
			1	V2		CV1 CV2 CV3	S1		0321	CARTRIDGES FOR WEAPONS with bursting charge
			0	V2		CV1 CV2 CV3 CV4	S1		0322	ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge
			4	V2		CV1 CV2 CV3	S1		0323	CARTRIDGES, POWER DEVICE
			1	V2		CV1 CV2 CV3	S1		0324	PROJECTILES with bursting charge
			2	V2		CV1 CV2 CV3	S1		0325	IGNITERS
			1	V2		CV1 CV2 CV3	S1		0326	CARTRIDGES FOR WEAPONS, BLANK

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0327	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK	1	1.3C		1		LQ0	P130		MP22		
0328	CARTRIDGES FOR WEAPONS, INERT PROJECTILE	1	1.2C		1		LQ0	P130 LP101	PP67 L1	MP22		
0329	TORPEDOES with bursting charge	1	1.1E		1		LQ0	P130 LP101	PP67 L1	MP21		
0330	TORPEDOES with bursting charge	1	1.1F		1		LQ0	P130		MP23		
0331	EXPLOSIVE, BLASTING, TYPE B	1	1.5D		1.5	268 617	LQ0	P116 IBC100	PP61 PP62 PP64 PP65	MP20		
0332	EXPLOSIVE, BLASTING, TYPE E	1	1.5D		1.5	268 617	LQ0	P116 IBC100	PP61 PP62 PP65	MP20		
0333	FIREWORKS	1	1.1G		1		LQ0	P135		MP23 MP24		
0334	FIREWORKS	1	1.2G		1		LQ0	P135		MP23 MP24		
0335	FIREWORKS	1	1.3G		1		LQ0	P135		MP23 MP24		
0336	FIREWORKS	1	1.4G		1.4		LQ0	P135		MP23 MP24		
0337	FIREWORKS	1	1.4S		1.4		LQ0	P135		MP23 MP24		
0338	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK	1	1.4C		1.4		LQ0	P130		MP22		
0339	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS	1	1.4C		1.4		LQ0	P130		MP22		
0340	NITROCELLULOSE, dry or wetted with less than 25% water (or alcohol), by mass	1	1.1D		1		LQ0	P112(a) (b)		MP20		
0341	NITROCELLULOSE, unmodified or plasticized with less than 18% plasticizing substance, by mass	1	1.1D		1		LQ0	P112(b)		MP20		
0342	NITROCELLULOSE, WETTED with not less than 25% alcohol, by mass	1	1.3C		1	105	LQ0	P114(a)	PP43	MP20		
0343	NITROCELLULOSE, PLASTICIZED with not less than 18% plasticizing substance, by mass	1	1.3C		1	105	LQ0	P111		MP20		
0344	PROJECTILES with bursting charge	1	1.4D		1.4		LQ0	P130 LP101	PP67 L1	MP21		
0345	PROJECTILES, inert with tracer	1	1.4S		1.4		LQ0	P130 LP101	PP67 L1	MP23		
0346	PROJECTILES with burster or expelling charge	1	1.2D		1		LQ0	P130 LP101	PP67 L1	MP21		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2		CV1 CV2 CV3	S1		0327	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK
			1	V2		CV1 CV2 CV3	S1		0328	CARTRIDGES FOR WEAPONS, INERT PROJECTILE
			1	V2		CV1 CV2 CV3	S1		0329	TORPEDOES with bursting charge
			1	V2		CV1 CV2 CV3	S1		0330	TORPEDOES with bursting charge
			1	V2		CV1 CV2 CV3	S1		0331	EXPLOSIVE, BLASTING, TYPE B
			1	V2		CV1 CV2 CV3	S1		0332	EXPLOSIVE, BLASTING, TYPE E
			1	V2 V3		CV1 CV2 CV3	S1		0333	FIREWORKS
			1	V2 V3		CV1 CV2 CV3	S1		0334	FIREWORKS
			1	V2 V3		CV1 CV2 CV3	S1		0335	FIREWORKS
			2	V2		CV1 CV2 CV3	S1		0336	FIREWORKS
			4	V2		CV1 CV2 CV3	S1		0337	FIREWORKS
			2	V2		CV1 CV2 CV3	S1		0338	CARTRIDGES FOR WEAPONS, BLANK or CARTRIDGES, SMALL ARMS, BLANK
			2	V2		CV1 CV2 CV3	S1		0339	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS
			1	V2 V3		CV1 CV2 CV3	S1		0340	NITROCELLULOSE, dry or wetted with less than 25% water (or alcohol), by mass
			1	V2 V3		CV1 CV2 CV3	S1		0341	NITROCELLULOSE, unmodified or plasticized with less than 18% plasticizing substance, by mass
			1	V2		CV1 CV2 CV3	S1		0342	NITROCELLULOSE, WETTED with not less than 25% alcohol, by mass
			1	V2		CV1 CV2 CV3	S1		0343	NITROCELLULOSE, PLASTICIZED with not less than 18% plasticizing substance, by mass
			2	V2		CV1 CV2 CV3	S1		0344	PROJECTILES with bursting charge
			4	V2		CV1 CV2 CV3	S1		0345	PROJECTILES, inert with tracer
			1	V2		CV1 CV2 CV3	S1		0346	PROJECTILES with burster or expelling charge

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	**(2)**	**(3a)**	**(3b)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9a)**	**(9b)**	**(10)**	**(11)**
0347	PROJECTILES with burster or expelling charge	1	1.4D		1.4		LQ0	P130 LP101	PP67 L1	MP21		
0348	CARTRIDGES FOR WEAPONS with bursting charge	1	1.4F		1.4		LQ0	P130		MP23		
0349	ARTICLES, EXPLOSIVE, N.O.S.	1	1.4S		1.4	178 274	LQ0	P101		MP2		
0350	ARTICLES, EXPLOSIVE, N.O.S.	1	1.4B		1.4	178 274	LQ0	P101		MP2		
0351	ARTICLES, EXPLOSIVE, N.O.S.	1	1.4C		1.4	178 274	LQ0	P101		MP2		
0352	ARTICLES, EXPLOSIVE, N.O.S.	1	1.4D		1.4	178 274	LQ0	P101		MP2		
0353	ARTICLES, EXPLOSIVE, N.O.S.	1	1.4G		1.4	178 274	LQ0	P101		MP2		
0354	ARTICLES, EXPLOSIVE, N.O.S.	1	1.1L		1	178 274	LQ0	P101		MP1		
0355	ARTICLES, EXPLOSIVE, N.O.S.	1	1.2L		1	178 274	LQ0	P101		MP1		
0356	ARTICLES, EXPLOSIVE, N.O.S.	1	1.3L		1	178 274	LQ0	P101		MP1		
0357	SUBSTANCES, EXPLOSIVE, N.O.S.	1	1.1L		1	178 274	LQ0	P101		MP1		
0358	SUBSTANCES, EXPLOSIVE, N.O.S.	1	1.2L		1	178 274	LQ0	P101		MP1		
0359	SUBSTANCES, EXPLOSIVE, N.O.S.	1	1.3L		1	178 274	LQ0	P101		MP1		
0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1	1.1B		1		LQ0	P131		MP23		
0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1	1.4B		1.4		LQ0	P131		MP23		
0362	AMMUNITION, PRACTICE	1	1.4G		1.4		LQ0	P130 LP101	PP67 L1	MP23		
0363	AMMUNITION, PROOF	1	1.4G		1.4		LQ0	P130 LP101	PP67 L1	MP23		
0364	DETONATORS FOR AMMUNITION	1	1.2B		1		LQ0	P133		MP23		
0365	DETONATORS FOR AMMUNITION	1	1.4B		1.4		LQ0	P133		MP23		
0366	DETONATORS FOR AMMUNITION	1	1.4S		1.4		LQ0	P133		MP23		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			2	V2		CV1 CV2 CV3	S1		0347	PROJECTILES with burster or expelling charge
			2	V2		CV1 CV2 CV3	S1		0348	CARTRIDGES FOR WEAPONS with bursting charge
			4	V2		CV1 CV2 CV3	S1		0349	ARTICLES, EXPLOSIVE, N.O.S.
			2	V2		CV1 CV2 CV3	S1		0350	ARTICLES, EXPLOSIVE, N.O.S.
			2	V2		CV1 CV2 CV3	S1		0351	ARTICLES, EXPLOSIVE, N.O.S.
			2	V2		CV1 CV2 CV3	S1		0352	ARTICLES, EXPLOSIVE, N.O.S.
			2	V2		CV1 CV2 CV3	S1		0353	ARTICLES, EXPLOSIVE, N.O.S.
			0	V2		CV1 CV2 CV3 CV4	S1		0354	ARTICLES, EXPLOSIVE, N.O.S.
			0	V2		CV1 CV2 CV3 CV4	S1		0355	ARTICLES, EXPLOSIVE, N.O.S.
			0	V2		CV1 CV2 CV3 CV4	S1		0356	ARTICLES, EXPLOSIVE, N.O.S.
			0	V2		CV1 CV2 CV3 CV4	S1		0357	SUBSTANCES, EXPLOSIVE, N.O.S.
			0	V2		CV1 CV2 CV3 CV4	S1		0358	SUBSTANCES, EXPLOSIVE, N.O.S.
			0	V2		CV1 CV2 CV3 CV4	S1		0359	SUBSTANCES, EXPLOSIVE, N.O.S.
			1	V2		CV1 CV2 CV3	S1		0360	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting
			2	V2		CV1 CV2 CV3	S1		0361	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting
			2	V2		CV1 CV2 CV3	S1		0362	AMMUNITION, PRACTICE
			2	V2		CV1 CV2 CV3	S1		0363	AMMUNITION, PROOF
			1	V2		CV1 CV2 CV3	S1		0364	DETONATORS FOR AMMUNITION
			2	V2		CV1 CV2 CV3	S1		0365	DETONATORS FOR AMMUNITION
			4	V2		CV1 CV2 CV3	S1		0366	DETONATORS FOR AMMUNITION

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0367	FUZES, DETONATING	1	1.4S		1.4		LQ0	P141		MP23		
0368	FUZES, IGNITING	1	1.4S		1.4		LQ0	P141		MP23		
0369	WARHEADS, ROCKET with bursting charge	1	1.1F		1		LQ0	P130		MP23		
0370	WARHEADS, ROCKET with burster or expelling charge	1	1.4D		1.4		LQ0	P130 LP101	PP67 L1	MP21		
0371	WARHEADS, ROCKET with burster or expelling charge	1	1.4F		1.4		LQ0	P130		MP23		
0372	GRENADES, PRACTICE, hand or rifle	1	1.2G		1		LQ0	P141		MP23		
0373	SIGNAL DEVICES, HAND	1	1.4S		1.4		LQ0	P135		MP23 MP24		
0374	SOUNDING DEVICES, EXPLOSIVE	1	1.1D		1		LQ0	P134 LP102		MP21		
0375	SOUNDING DEVICES, EXPLOSIVE	1	1.2D		1		LQ0	P134 LP102		MP21		
0376	PRIMERS, TUBULAR	1	1.4S		1.4		LQ0	P133		MP23		
0377	PRIMERS, CAP TYPE	1	1.1B		1		LQ0	P133		MP23		
0378	PRIMERS, CAP TYPE	1	1.4B		1.4		LQ0	P133		MP23		
0379	CASES, CARTRIDGE, EMPTY, WITH PRIMER	1	1.4C		1.4		LQ0	P136		MP22		
0380	ARTICLES, PYROPHORIC	1	1.2L		1		LQ0	P101		MP1		
0381	CARTRIDGES, POWER DEVICE	1	1.2C		1		LQ0	P134 LP102		MP22		
0382	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1	1.2B		1	178 274	LQ0	P101		MP2		
0383	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1	1.4B		1.4	178 274	LQ0	P101		MP2		
0384	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1	1.4S		1.4	178 274	LQ0	P101		MP2		
0385	5-NITROBENZOTRIAZOL	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0386	TRINITROBENZENE-SULPHONIC ACID	1	1.1D		1		LQ0	P112(b) (c)	PP26	MP20		
0387	TRINITROFLUORENONE	1	1.1D		1		LQ0	P112(b) (c)		MP20		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			4	V2		CV1 CV2 CV3	S1		0367	FUZES, DETONATING
			4	V2		CV1 CV2 CV3	S1		0368	FUZES, IGNITING
			1	V2		CV1 CV2 CV3	S1		0369	WARHEADS, ROCKET with bursting charge
			2	V2		CV1 CV2 CV3	S1		0370	WARHEADS, ROCKET with burster or expelling charge
			2	V2		CV1 CV2 CV3	S1		0371	WARHEADS, ROCKET with burster or expelling charge
			1	V2		CV1 CV2 CV3	S1		0372	GRENADES, PRACTICE, hand or rifle
			4	V2		CV1 CV2 CV3	S1		0373	SIGNAL DEVICES, HAND
			1	V2		CV1 CV2 CV3	S1		0374	SOUNDING DEVICES, EXPLOSIVE
			1	V2		CV1 CV2 CV3	S1		0375	SOUNDING DEVICES, EXPLOSIVE
			4	V2		CV1 CV2 CV3	S1		0376	PRIMERS, TUBULAR
			1	V2		CV1 CV2 CV3	S1		0377	PRIMERS, CAP TYPE
			2	V2		CV1 CV2 CV3	S1		0378	PRIMERS, CAP TYPE
			2	V2		CV1 CV2 CV3	S1		0379	CASES, CARTRIDGE, EMPTY, WITH PRIMER
			0	V2		CV1 CV2 CV3 CV4	S1		0380	ARTICLES, PYROPHORIC
			1	V2		CV1 CV2 CV3	S1		0381	CARTRIDGES, POWER DEVICE
			1	V2		CV1 CV2 CV3	S1		0382	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.
			2	V2		CV1 CV2 CV3	S1		0383	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.
			4	V2		CV1 CV2 CV3	S1		0384	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.
			1	V2 V3		CV1 CV2 CV3	S1		0385	5-NITROBENZOTRIAZOL
			1	V2 V3		CV1 CV2 CV3	S1		0386	TRINITROBENZENE-SULPHONIC ACID
			1	V2 V3		CV1 CV2 CV3	S1		0387	TRINITROFLUORENONE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0388	TRINITROTOLUENE (TNT) AND TRINITROBENZENE MIXTURE or TRINITROTOLUENE (TNT) AND HEXANITROSTILBENE MIXTURE	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0389	TRINITROTOLUENE (TNT) MIXTURE CONTAINING TRINITROBENZENE AND HEXANITROSTILBENE	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0390	TRITONAL	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0391	CYCLOTRIMETHYLENE-TRINITRAMINE (CYCLONITE; HEXOGEN; RDX) AND CYCLOTETRAMETHYLENE-TETRANITRAMINE (HMX; OCTOGEN) MIXTURE, WETTED with not less than 15% water, by mass or DESENSITIZED with not less than 10% phlegmatiser by mass	1	1.1D		1	266	LQ0	P112(a) (b)		MP20		
0392	HEXANITROSTILBENE	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0393	HEXOTONAL	1	1.1D		1		LQ0	P112(b)		MP20		
0394	TRINITRORESORCINOL (STYPHNIC ACID), WETTED with not less than 20% water, or mixture of alcohol and water, by mass	1	1.1D		1		LQ0	P112(a)	PP26	MP20		
0395	ROCKET MOTORS, LIQUID FUELLED	1	1.2J		1		LQ0	P101		MP23		
0396	ROCKET MOTORS, LIQUID FUELLED	1	1.3J		1		LQ0	P101		MP23		
0397	ROCKETS, LIQUID FUELLED with bursting charge	1	1.1J		1		LQ0	P101		MP23		
0398	ROCKETS, LIQUID FUELLED with bursting charge	1	1.2J		1		LQ0	P101		MP23		
0399	BOMBS WITH FLAMMABLE LIQUID with bursting charge	1	1.1J		1		LQ0	P101		MP23		
0400	BOMBS WITH FLAMMABLE LIQUID with bursting charge	1	1.2J		1		LQ0	P101		MP23		
0401	DIPICRYL SULPHIDE, dry or wetted with less than 10% water, by mass	1	1.1D		1		LQ0	P112		MP20		
0402	AMMONIUM PERCHLORATE	1	1.1D		1	152	LQ0	P112(b) (c)		MP20		
0403	FLARES, AERIAL	1	1.4G		1.4		LQ0	P135		MP23		
0404	FLARES, AERIAL	1	1.4S		1.4		LQ0	P135		MP23		
0405	CARTRIDGES, SIGNAL	1	1.4S		1.4		LQ0	P135		MP23 MP24		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2 V3		CV1 CV2 CV3	S1		0388	TRINITROTOLUENE (TNT) AND TRINITROBENZENE MIXTURE or TRINITROTOLUENE (TNT) AND HEXANITROSTILBENE MIXTURE
			1	V2 V3		CV1 CV2 CV3	S1		0389	TRINITROTOLUENE (TNT) MIXTURE CONTAINING TRINITROBENZENE AND HEXANITROSTILBENE
			1	V2 V3		CV1 CV2 CV3	S1		0390	TRITONAL
			1	V2 V3		CV1 CV2 CV3	S1		0391	CYCLOTRIMETHYLENE-TRINITRAMINE (CYCLONITE; HEXOGEN; RDX) AND CYCLOTETRAMETHYLENE-TETRANITRAMINE (HMX; OCTOGEN) MIXTURE, WETTED with not less than 15% water, by mass or DESENSITIZED with not less than 10% phlegmatiser by mass
			1	V2 V3		CV1 CV2 CV3	S1		0392	HEXANITROSTILBENE
			1	V2 V3		CV1 CV2 CV3	S1		0393	HEXOTONAL
			1	V2		CV1 CV2 CV3	S1		0394	TRINITRORESORCINOL (STYPHNIC ACID), WETTED with not less than 20% water, or mixture of alcohol and water, by mass
			1	V2		CV1 CV2 CV3	S1		0395	ROCKET MOTORS, LIQUID FUELLED
			1	V2		CV1 CV2 CV3	S1		0396	ROCKET MOTORS, LIQUID FUELLED
			1	V2		CV1 CV2 CV3	S1		0397	ROCKETS, LIQUID FUELLED with bursting charge
			1	V2		CV1 CV2 CV3	S1		0398	ROCKETS, LIQUID FUELLED with bursting charge
			1	V2		CV1 CV2 CV3	S1		0399	BOMBS WITH FLAMMABLE LIQUID with bursting charge
			1	V2		CV1 CV2 CV3	S1		0400	BOMBS WITH FLAMMABLE LIQUID with bursting charge
			1	V2 V3		CV1 CV2 CV3	S1		0401	DIPICRYL SULPHIDE, dry or wetted with less than 10% water, by mass
			1	V2 V3		CV1 CV2 CV3	S1		0402	AMMONIUM PERCHLORATE
			2	V2		CV1 CV2 CV3	S1		0403	FLARES, AERIAL
			4	V2		CV1 CV2 CV3	S1		0404	FLARES, AERIAL
			4	V2		CV1 CV2 CV3	S1		0405	CARTRIDGES, SIGNAL

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0406	DINITROSOBENZENE	1	1.3C		1		LQ0	P114(b)		MP20		
0407	TETRAZOL-1-ACETIC ACID	1	1.4C		1.4		LQ0	P114(b)		MP20		
0408	FUZES, DETONATING with protective features	1	1.1D		1		LQ0	P141		MP21		
0409	FUZES, DETONATING with protective features	1	1.2D		1		LQ0	P141		MP21		
0410	FUZES, DETONATING with protective features	1	1.4D		1.4		LQ0	P141		MP21		
0411	PENTAERYTHRITE TETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN) with not less than 7% wax, by mass	1	1.1D		1	131	LQ0	P112(b) (c)		MP20		
0412	CARTRIDGES FOR WEAPONS with bursting charge	1	1.4E		1.4		LQ0	P130 LP101	PP67 L1	MP21		
0413	CARTRIDGES FOR WEAPONS, BLANK	1	1.2C		1		LQ0	P130		MP22		
0414	CHARGES, PROPELLING, FOR CANNON	1	1.2C		1		LQ0	P130		MP22		
0415	CHARGES, PROPELLING	1	1.2C		1		LQ0	P143	PP76	MP22		
0417	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS	1	1.3C		1		LQ0	P130		MP22		
0418	FLARES, SURFACE	1	1.1G		1		LQ0	P135		MP23		
0419	FLARES, SURFACE	1	1.2G		1		LQ0	P135		MP23		
0420	FLARES, AERIAL	1	1.1G		1		LQ0	P135		MP23		
0421	FLARES, AERIAL	1	1.2G		1		LQ0	P135		MP23		
0424	PROJECTILES, inert with tracer	1	1.3G		1		LQ0	P130 LP101	PP67 L1	MP23		
0425	PROJECTILES, inert with tracer	1	1.4G		1.4		LQ0	P130 LP101	PP67 L1	MP23		
0426	PROJECTILES with burster or expelling charge	1	1.2F		1		LQ0	P130		MP23		
0427	PROJECTILES with burster or expelling charge	1	1.4F		1.4		LQ0	P130		MP23		
0428	ARTICLES, PYROTECHNIC for technical purposes	1	1.1G		1		LQ0	P135		MP23 MP24		
0429	ARTICLES, PYROTECHNIC for technical purposes	1	1.2G		1		LQ0	P135		MP23 MP24		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2 V3		CV1 CV2 CV3	S1		0406	DINITROSOBENZENE
			2	V2		CV1 CV2 CV3	S1		0407	TETRAZOL-1-ACETIC ACID
			1	V2		CV1 CV2 CV3	S1		0408	FUZES, DETONATING with protective features
			1	V2		CV1 CV2 CV3	S1		0409	FUZES, DETONATING with protective features
			2	V2		CV1 CV2 CV3	S1		0410	FUZES, DETONATING with protective features
			1	V2 V3		CV1 CV2 CV3	S1		0411	PENTAERYTHRITE TETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN) with not less than 7% wax, by mass
			2	V2		CV1 CV2 CV3	S1		0412	CARTRIDGES FOR WEAPONS with bursting charge
			1	V2		CV1 CV2 CV3	S1		0413	CARTRIDGES FOR WEAPONS, BLANK
			1	V2		CV1 CV2 CV3	S1		0414	CHARGES, PROPELLING, FOR CANNON
			1	V2		CV1 CV2 CV3	S1		0415	CHARGES, PROPELLING
			1	V2		CV1 CV2 CV3	S1		0417	CARTRIDGES FOR WEAPONS, INERT PROJECTILE or CARTRIDGES, SMALL ARMS
			1	V2		CV1 CV2 CV3	S1		0418	FLARES, SURFACE
			1	V2		CV1 CV2 CV3	S1		0419	FLARES, SURFACE
			1	V2		CV1 CV2 CV3	S1		0420	FLARES, AERIAL
			1	V2		CV1 CV2 CV3	S1		0421	FLARES, AERIAL
			1	V2		CV1 CV2 CV3	S1		0424	PROJECTILES, inert with tracer
			2	V2		CV1 CV2 CV3	S1		0425	PROJECTILES, inert with tracer
			1	V2		CV1 CV2 CV3	S1		0426	PROJECTILES with burster or expelling charge
			2	V2		CV1 CV2 CV3	S1		0427	PROJECTILES with burster or expelling charge
			1	V2		CV1 CV2 CV3	S1		0428	ARTICLES, PYROTECHNIC for technical purposes
			1	V2		CV1 CV2 CV3	S1		0429	ARTICLES, PYROTECHNIC for technical purposes

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0430	ARTICLES, PYROTECHNIC for technical purposes	1	1.3G		1		LQ0	P135		MP23 MP24		
0431	ARTICLES, PYROTECHNIC for technical purposes	1	1.4G		1.4		LQ0	P135		MP23 MP24		
0432	ARTICLES, PYROTECHNIC for technical purposes	1	1.4S		1.4		LQ0	P135		MP23 MP24		
0433	POWDER CAKE (POWDER PASTE), WETTED with not less than 17% alcohol, by mass	1	1.1C		1	266	LQ0	P111		MP20		
0434	PROJECTILES with burster or expelling charge	1	1.2G		1		LQ0	P130 LP101	PP67 L1	MP23		
0435	PROJECTILES with burster or expelling charge	1	1.4G		1.4		LQ0	P130 LP101	PP67 L1	MP23		
0436	ROCKETS with expelling charge	1	1.2C		1		LQ0	P130 LP101	PP67 L1	MP22		
0437	ROCKETS with expelling charge	1	1.3C		1		LQ0	P130 LP101	PP67 L1	MP22		
0438	ROCKETS with expelling charge	1	1.4C		1.4		LQ0	P130 LP101	PP67 L1	MP22		
0439	CHARGES, SHAPED, without detonator	1	1.2D		1		LQ0	P137	PP70	MP21		
0440	CHARGES, SHAPED, without detonator	1	1.4D		1.4		LQ0	P137	PP70	MP21		
0441	CHARGES, SHAPED, without detonator	1	1.4S		1.4		LQ0	P137	PP70	MP23		
0442	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1	1.1D		1		LQ0	P137		MP21		
0443	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1	1.2D		1		LQ0	P137		MP21		
0444	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1	1.4D		1.4		LQ0	P137		MP21		
0445	CHARGES, EXPLOSIVE, COMMERCIAL without detonator	1	1.4S		1.4		LQ0	P137		MP23		
0446	CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	1	1.4C		1.4		LQ0	P136		MP22		
0447	CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	1	1.3C		1		LQ0	P136		MP22		
0448	5-MERCAPTOTETRAZOL-1-ACETIC ACID	1	1.4C		1.4		LQ0	P114(b)		MP20		
0449	TORPEDOES, LIQUID FUELLED with or without bursting charge	1	1.1J		1		LQ0	P101		MP23		
0450	TORPEDOES, LIQUID FUELLED with inert head	1	1.3J		1		LQ0	P101		MP23		
0451	TORPEDOES with bursting charge	1	1.1D		1		LQ0	P130 LP101	PP67 L1	MP21		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2		CV1 CV2 CV3	S1		0430	ARTICLES, PYROTECHNIC for technical purposes
			2	V2		CV1 CV2 CV3	S1		0431	ARTICLES, PYROTECHNIC for technical purposes
			4	V2		CV1 CV2 CV3	S1		0432	ARTICLES, PYROTECHNIC for technical purposes
			1	V2		CV1 CV2 CV3	S1		0433	POWDER CAKE (POWDER PASTE), WETTED with not less than 17% alcohol, by mass
			1	V2		CV1 CV2 CV3	S1		0434	PROJECTILES with burster or expelling charge
			2	V2		CV1 CV2 CV3	S1		0435	PROJECTILES with burster or expelling charge
			1	V2		CV1 CV2 CV3	S1		0436	ROCKETS with expelling charge
			1	V2		CV1 CV2 CV3	S1		0437	ROCKETS with expelling charge
			2	V2		CV1 CV2 CV3	S1		0438	ROCKETS with expelling charge
			1	V2		CV1 CV2 CV3	S1		0439	CHARGES, SHAPED, without detonator
			2	V2		CV1 CV2 CV3	S1		0440	CHARGES, SHAPED, without detonator
			4	V2		CV1 CV2 CV3	S1		0441	CHARGES, SHAPED, without detonator
			1	V2		CV1 CV2 CV3	S1		0442	CHARGES, EXPLOSIVE, COMMERCIAL without detonator
			1	V2		CV1 CV2 CV3	S1		0443	CHARGES, EXPLOSIVE, COMMERCIAL without detonator
			2	V2		CV1 CV2 CV3	S1		0444	CHARGES, EXPLOSIVE, COMMERCIAL without detonator
			4	V2		CV1 CV2 CV3	S1		0445	CHARGES, EXPLOSIVE, COMMERCIAL without detonator
			2	V2		CV1 CV2 CV3	S1		0446	CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER
			1	V2		CV1 CV2 CV3	S1		0447	CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER
			2	V2		CV1 CV2 CV3	S1		0448	5-MERCAPTOTETRAZOL-1-ACETIC ACID
			1	V2		CV1 CV2 CV3	S1		0449	TORPEDOES, LIQUID FUELLED with or without bursting charge
			1	V2		CV1 CV2 CV3	S1		0450	TORPEDOES, LIQUID FUELLED with inert head
			1	V2		CV1 CV2 CV3	S1		0451	TORPEDOES with bursting charge

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0452	GRENADES, PRACTICE, hand or rifle	1	1.4G		1.4		LQ0	P141		MP23		
0453	ROCKETS, LINE-THROWING	1	1.4G		1.4		LQ0	P130		MP23		
0454	IGNITERS	1	1.4S		1.4		LQ0	P142		MP23		
0455	DETONATORS, NON-ELECTRIC for blasting	1	1.4S		1.4		LQ0	P131	PP68	MP23		
0456	DETONATORS, ELECTRIC for blasting	1	1.4S		1.4		LQ0	P131		MP23		
0457	CHARGES, BURSTING, PLASTICS BONDED	1	1.1D		1		LQ0	P130		MP21		
0458	CHARGES, BURSTING, PLASTICS BONDED	1	1.2D		1		LQ0	P130		MP21		
0459	CHARGES, BURSTING, PLASTICS BONDED	1	1.4D		1.4		LQ0	P130		MP21		
0460	CHARGES, BURSTING, PLASTICS BONDED	1	1.4S		1.4		LQ0	P130		MP23		
0461	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	1	1.1B		1	178 274	LQ0	P101		MP2		
0462	ARTICLES, EXPLOSIVE, N.O.S.	1	1.1C		1	178 274	LQ0	P101		MP2		
0463	ARTICLES, EXPLOSIVE, N.O.S.	1	1.1D		1	178 274	LQ0	P101		MP2		
0464	ARTICLES, EXPLOSIVE, N.O.S.	1	1.1E		1	178 274	LQ0	P101		MP2		
0465	ARTICLES, EXPLOSIVE, N.O.S.	1	1.1F		1	178 274	LQ0	P101		MP2		
0466	ARTICLES, EXPLOSIVE, N.O.S.	1	1.2C		1	178 274	LQ0	P101		MP2		
0467	ARTICLES, EXPLOSIVE, N.O.S.	1	1.2D		1	178 274	LQ0	P101		MP2		
0468	ARTICLES, EXPLOSIVE, N.O.S.	1	1.2E		1	178 274	LQ0	P101		MP2		
0469	ARTICLES, EXPLOSIVE, N.O.S.	1	1.2F		1	178 274	LQ0	P101		MP2		
0470	ARTICLES, EXPLOSIVE, N.O.S.	1	1.3C		1	178 274	LQ0	P101		MP2		
0471	ARTICLES, EXPLOSIVE, N.O.S.	1	1.4E		1.4	178 274	LQ0	P101		MP2		
0472	ARTICLES, EXPLOSIVE, N.O.S.	1	1.4F		1.4	178 274	LQ0	P101		MP2		
0473	SUBSTANCES, EXPLOSIVE, N.O.S.	1	1.1A		1	178 274	LQ0	P101		MP2		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			2	V2		CV1 CV2 CV3	S1		0452	GRENADES, PRACTICE, hand or rifle
			2	V2		CV1 CV2 CV3	S1		0453	ROCKETS, LINE-THROWING
			4	V2		CV1 CV2 CV3	S1		0454	IGNITERS
			4	V2		CV1 CV2 CV3	S1		0455	DETONATORS, NON-ELECTRIC for blasting
			4	V2		CV1 CV2 CV3	S1		0456	DETONATORS, ELECTRIC for blasting
			1	V2		CV1 CV2 CV3	S1		0457	CHARGES, BURSTING, PLASTICS BONDED
			1	V2		CV1 CV2 CV3	S1		0458	CHARGES, BURSTING, PLASTICS BONDED
			2	V2		CV1 CV2 CV3	S1		0459	CHARGES, BURSTING, PLASTICS BONDED
			4	V2		CV1 CV2 CV3	S1		0460	CHARGES, BURSTING, PLASTICS BONDED
			1	V2		CV1 CV2 CV3	S1		0461	COMPONENTS, EXPLOSIVE TRAIN, N.O.S.
			1	V2		CV1 CV2 CV3	S1		0462	ARTICLES, EXPLOSIVE, N.O.S.
			1	V2		CV1 CV2 CV3	S1		0463	ARTICLES, EXPLOSIVE, N.O.S.
			1	V2		CV1 CV2 CV3	S1		0464	ARTICLES, EXPLOSIVE, N.O.S.
			1	V2		CV1 CV2 CV3	S1		0465	ARTICLES, EXPLOSIVE, N.O.S.
			1	V2		CV1 CV2 CV3	S1		0466	ARTICLES, EXPLOSIVE, N.O.S.
			1	V2		CV1 CV2 CV3	S1		0467	ARTICLES, EXPLOSIVE, N.O.S.
			1	V2		CV1 CV2 CV3	S1		0468	ARTICLES, EXPLOSIVE, N.O.S.
			1	V2		CV1 CV2 CV3	S1		0469	ARTICLES, EXPLOSIVE, N.O.S.
			1	V2		CV1 CV2 CV3	S1		0470	ARTICLES, EXPLOSIVE, N.O.S.
			2	V2		CV1 CV2 CV3	S1		0471	ARTICLES, EXPLOSIVE, N.O.S.
			2	V2		CV1 CV2 CV3	S1		0472	ARTICLES, EXPLOSIVE, N.O.S.
			0	V2		CV1 CV2 CV3	S1		0473	SUBSTANCES, EXPLOSIVE, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
0474	SUBSTANCES, EXPLOSIVE, N.O.S.	1	1.1C		1	178 274	LQ0	P101		MP2		
0475	SUBSTANCES, EXPLOSIVE, N.O.S.	1	1.1D		1	178 274	LQ0	P101		MP2		
0476	SUBSTANCES, EXPLOSIVE, N.O.S.	1	1.1G		1	178 274	LQ0	P101		MP2		
0477	SUBSTANCES, EXPLOSIVE, N.O.S.	1	1.3C		1	178 274	LQ0	P101		MP2		
0478	SUBSTANCES, EXPLOSIVE, N.O.S.	1	1.3G		1	178 274	LQ0	P101		MP2		
0479	SUBSTANCES, EXPLOSIVE, N.O.S.	1	1.4C		1.4	178 274	LQ0	P101		MP2		
0480	SUBSTANCES, EXPLOSIVE, N.O.S.	1	1.4D		1.4	178 274	LQ0	P101		MP2		
0481	SUBSTANCES, EXPLOSIVE, N.O.S.	1	1.4S		1.4	178 274	LQ0	P101		MP2		
0482	SUBSTANCES, EXPLOSIVE, VERY INSENSITIVE (SUBSTANCES, EVI), N.O.S.	1	1.5D		1.5	178 274	LQ0	P101		MP2		
0483	CYCLOTRIMETHYLENE-TRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0484	CYCLOTETRAMETHYLENE-TETRA-NITRAMINE (HMX; OCTOGEN), DESENSITIZED	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0485	SUBSTANCES, EXPLOSIVE, N.O.S.	1	1.4G		1.4	178 274	LQ0	P101		MP2		
0486	ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE (ARTICLES, EEI)	1	1.6N		1.6		LQ0	P101		MP23		
0487	SIGNALS, SMOKE	1	1.3G		1		LQ0	P135		MP23		
0488	AMMUNITION, PRACTICE	1	1.3G		1		LQ0	P130 LP101	PP67 L1	MP23		
0489	DINITROGLYCOLURIL (DINGU)	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0490	NITROTRIAZOLONE (NTO)	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0491	CHARGES, PROPELLING	1	1.4C		1.4		LQ0	P143	PP76	MP22		
0492	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1	1.3G		1		LQ0	P135		MP23		
0493	SIGNALS, RAILWAY TRACK, EXPLOSIVE	1	1.4G		1.4		LQ0	P135		MP23		
0494	JET PERFORATING GUNS, CHARGED, oil well, without detonator	1	1.4D		1.4		LQ0	P101		MP21		
0495	PROPELLANT, LIQUID	1	1.3C		1	224	LQ0	P115	PP53 PP54 PP57 PP58	MP20		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2 V3		CV1 CV2 CV3	S1		0474	SUBSTANCES, EXPLOSIVE, N.O.S.
			1	V2 V3		CV1 CV2 CV3	S1		0475	SUBSTANCES, EXPLOSIVE, N.O.S.
			1	V2 V3		CV1 CV2 CV3	S1		0476	SUBSTANCES, EXPLOSIVE, N.O.S.
			1	V2 V3		CV1 CV2 CV3	S1		0477	SUBSTANCES, EXPLOSIVE, N.O.S.
			1	V2 V3		CV1 CV2 CV3	S1		0478	SUBSTANCES, EXPLOSIVE, N.O.S.
			2	V2		CV1 CV2 CV3	S1		0479	SUBSTANCES, EXPLOSIVE, N.O.S.
			2	V2		CV1 CV2 CV3	S1		0480	SUBSTANCES, EXPLOSIVE, N.O.S.
			4	V2		CV1 CV2 CV3	S1		0481	SUBSTANCES, EXPLOSIVE, N.O.S.
			1	V2		CV1 CV2 CV3	S1		0482	SUBSTANCES, EXPLOSIVE, VERY INSENSITIVE (SUBSTANCES, EVI), N.O.S.
			1	V2 V3		CV1 CV2 CV3	S1		0483	CYCLOTRIMETHYLENE-TRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
			1	V2 V3		CV1 CV2 CV3	S1		0484	CYCLOTETRAMETHYLENE-TETRA-NITRAMINE (HMX; OCTOGEN), DESENSITIZED
			2	V2 V3		CV1 CV2 CV3	S1		0485	SUBSTANCES, EXPLOSIVE, N.O.S.
			2	V2		CV1 CV2 CV3	S1		0486	ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE (ARTICLES, EEI)
			1	V2		CV1 CV2 CV3	S1		0487	SIGNALS, SMOKE
			1	V2		CV1 CV2 CV3	S1		0488	AMMUNITION, PRACTICE
			1	V2 V3		CV1 CV2 CV3	S1		0489	DINITROGLYCOLURIL (DINGU)
			1	V2 V3		CV1 CV2 CV3	S1		0490	NITROTRIAZOLONE (NTO)
			2	V2		CV1 CV2 CV3	S1		0491	CHARGES, PROPELLING
			1	V2		CV1 CV2 CV3	S1		0492	SIGNALS, RAILWAY TRACK, EXPLOSIVE
			2	V2		CV1 CV2 CV3	S1		0493	SIGNALS, RAILWAY TRACK, EXPLOSIVE
			2	V2		CV1 CV2 CV3	S1		0494	JET PERFORATING GUNS, CHARGED, oil well, without detonator
			1	V2		CV1 CV2 CV3	S1		0495	PROPELLANT, LIQUID

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	**(2)**	**(3a)**	**(3b)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9a)**	**(9b)**	**(10)**	**(11)**
0496	OCTONAL	1	1.1D		1		LQ0	P112(b) (c)		MP20		
0497	PROPELLANT, LIQUID	1	1.1C		1	224	LQ0	P115	PP53 PP54 PP57 PP58	MP20		
0498	PROPELLANT, SOLID	1	1.1C		1		LQ0	P114(b)		MP20		
0499	PROPELLANT, SOLID	1	1.3C		1		LQ0	P114(b)		MP20		
0500	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	1	1.4S		1.4		LQ0	P131		MP23		
0501	PROPELLANT, SOLID	1	1.4C		1.4		LQ0	P114(b)		MP20		
0502	ROCKETS with inert head	1	1.2C		1		LQ0	P130 LP101	PP67 L1	MP22		
0503	AIR BAG INFLATORS, PYROTECHNIC or AIR BAG MODULES, PYROTECHNIC or SEAT-BELT PRETENSIONERS, PYROTECHNIC	1	1.4G		1.4	289	LQ0	P135		MP23		
0504	1H-TETRAZOLE	1	1.1D		1		LQ0	P112(c)	PP48	MP20		
1001	ACETYLENE, DISSOLVED	2	4F		2.1		LQ0	P200		MP9		
1002	AIR, COMPRESSED	2	1A		2.2	292	LQ1	P200		MP9		
1003	AIR, REFRIGERATED LIQUID	2	3O		2.2 +5.1		LQ0	P203		MP9	T75	TP22
1005	AMMONIA, ANHYDROUS	2	2TC		2.3 +8	23	LQ0	P200		MP9	T50	
1006	ARGON, COMPRESSED	2	1A		2.2		LQ1	P200		MP9		
1008	BORON TRIFLUORIDE, COMPRESSED	2	1TC		2.3 +8		LQ0	P200		MP9		
1009	BROMOTRIFLUORO-METHANE (REFRIGERANT GAS R 13B1)	2	2A		2.2		LQ1	P200		MP9	T50	
1010	1,2-BUTADIENE, STABILIZED or 1,3-BUTADIENE , STABILIZED or MIXTURES OF 1,3-BUTADIENE AND HYDROCARBONS, STABILIZED, having a vapour pressure at 70 °C not exceeding 1.1 Mpa (11 bar) and a density at 50 °C not lower than 0.525 kg/l	2	2F		2.1	618	LQ0	P200		MP9	T50	
1011	BUTANE	2	2F		2.1		LQ0	P200		MP9	T50	
1012	BUTYLENES MIXTURE or 1-BUTYLENE or CIS-2-BUTYLENE or TRANS-2-BUTYLENE	2	2F		2.1		LQ0	P200		MP9	T50	
1013	CARBON DIOXIDE	2	2A		2.2	584	LQ1	P200		MP9		
1014	CARBON DIOXIDE AND OXYGEN MIXTURE, COMPRESSED	2	1O		2.2 +5.1		LQ0	P200		MP9		
1015	CARBON DIOXIDE AND NITROUS OXIDE MIXTURE	2	2A		2.2		LQ1	P200		MP9		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V2 V3		CV1 CV2 CV3	S1		0496	OCTONAL
			1	V2		CV1 CV2 CV3	S1		0497	PROPELLANT, LIQUID
			1	V2		CV1 CV2 CV3	S1		0498	PROPELLANT, SOLID
			1	V2		CV1 CV2 CV3	S1		0499	PROPELLANT, SOLID
			4	V2		CV1 CV2 CV3	S1		0500	DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting
			2	V2		CV1 CV2 CV3	S1		0501	PROPELLANT, SOLID
			1	V2		CV1 CV2 CV3	S1		0502	ROCKETS with inert head
			2	V2		CV1 CV2 CV3	S1		0503	AIR BAG INFLATORS, PYROTECHNIC or AIR BAG MODULES, PYROTECHNIC or SEAT-BELT PRETENSIONERS, PYROTECHNIC
			1	V2 V3		CV1 CV2 CV3	S1		0504	1H-TETRAZOLE
PxBN	TU17	FL	2	V7		CV9 CV10	S2	239	1001	ACETYLENE, DISSOLVED
CxBN(M)		AT	3			CV9 CV10		20	1002	AIR, COMPRESSED
RxBN(M)	TU7 TU19	AT	3	V5 V7		CV9 CV11	S20	225	1003	AIR, REFRIGERATED LIQUID
PxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	268	1005	AMMONIA, ANHYDROUS
CxBN(M)		AT	3	V7		CV9 CV10		20	1006	ARGON, COMPRESSED
CxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	268	1008	BORON TRIFLUORIDE, COMPRESSED
PxBN(M)		AT	3	V7		CV9 CV10		20	1009	BROMOTRIFLUORO-METHANE (REFRIGERANT GAS R 13B1)
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	239	1010	1,2-BUTADIENE, STABILIZED or 1,3-BUTADIENE , STABILIZED or MIXTURES OF 1,3-BUTADIENE AND HYDROCARBONS, STABILIZED, having a vapour pressure at 70 °C not exceeding 1.1 Mpa (11 bar) and a density at 50 °C not lower than 0.525 kg/l
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1011	BUTANE
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1012	BUTYLENES MIXTURE or 1-BUTYLENE or CIS-2-BUTYLENE or TRANS-2-BUTYLENE
PxBN(M)		AT	3	V7		CV9 CV10		20	1013	CARBON DIOXIDE
CxBN(M)		AT	3	V7		CV9 CV10		25	1014	CARBON DIOXIDE AND OXYGEN MIXTURE, COMPRESSED
PxBN(M)		AT	3	V7		CV9 CV10		20	1015	CARBON DIOXIDE AND NITROUS OXIDE MIXTURE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1016	CARBON MONOXIDE, COMPRESSED	2	1TF		2.3 +2.1		LQ0	P200		MP9		
1017	CHLORINE	2	2TC		2.3+8		LQ0	P200		MP9	T50	TP19
1018	CHLORODIFLUORO-METHANE (REFRIGERANT GAS R 22)	2	2A		2.2		LQ1	P200		MP9	T50	
1020	CHLOROPENTAFLUORO-ETHANE (REFRIGERANT GAS R 115)	2	2A		2.2		LQ1	P200		MP9	T50	
1021	1-CHLORO-1,2,2,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 124)	2	2A		2.2		LQ1	P200		MP9	T50	
1022	CHLOROTRIFLUORO-METHANE (REFRIGERANT GAS R 13)	2	2A		2.2		LQ1	P200		MP9		
1023	COAL GAS, COMPRESSED	2	1TF		2.3 +2.1		LQ0	P200		MP9		
1026	CYANOGEN	2	2TF		2.3 +2.1		LQ0	P200		MP9		
1027	CYCLOPROPANE	2	2F		2.1		LQ0	P200		MP9	T50	
1028	DICHLORODIFLUORO-METHANE (REFRIGERANT GAS R 12)	2	2A		2.2		LQ1	P200		MP9	T50	
1029	DICHLOROFLUORO-METHANE (REFRIGERANT GAS R 21)	2	2A		2.2		LQ1	P200		MP9	T50	
1030	1,1-DIFLUOROETHANE (REFRIGERANT GAS R 152a)	2	2F		2.1		LQ0	P200		MP9	T50	
1032	DIMETHYLAMINE, ANHYDROUS	2	2F		2.1		LQ0	P200		MP9	T50	
1033	DIMETHYL ETHER	2	2F		2.1		LQ0	P200		MP9	T50	
1035	ETHANE	2	2F		2.1		LQ0	P200		MP9		
1036	ETHYLAMINE	2	2F		2.1		LQ0	P200		MP9	T50	
1037	ETHYL CHLORIDE	2	2F		2.1		LQ0	P200		MP9	T50	
1038	ETHYLENE, REFRIGERATED LIQUID	2	3F		2.1		LQ0	P203		MP9	T75	
1039	ETHYL METHYL ETHER	2	2F		2.1		LQ0	P200		MP9		
1040	ETHYLENE OXIDE	2	2TF		2.3 +2.1		LQ0	P200		MP9		
1040	ETHYLENE OXIDE WITH NITROGEN up to a total pressure of 1 MPa (10 bar) at 50 °C	2	2TF		2.3 +2.1		LQ0	P200		MP9	T50	TP20
1041	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 9% but not more than 87% ethylene oxide	2	2F		2.1		LQ0	P200		MP9	T50	
1043	FERTILIZER AMMONIATING SOLUTION with free ammonia	2			2.2	642						
1044	FIRE EXTINGUISHERS with compressed or liquefied gas	2	6A		2.2	225 594	LQ0	P003		MP9		
1045	FLUORINE, COMPRESSED	2	1TOC		2.3 +5.1 +8		LQ0	P200		MP9		
1046	HELIUM, COMPRESSED	2	1A		2.2		LQ1	P200		MP9		
1048	HYDROGEN BROMIDE, ANHYDROUS	2	2TC		2.3 +8		LQ0	P200		MP9		
1049	HYDROGEN, COMPRESSED	2	1F		2.1		LQ0	P200		MP9		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
CxBH(M)	TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	1016	CARBON MONOXIDE, COMPRESSED
P22DH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	268	1017	CHLORINE
PxBN(M)		AT	3	V7		CV9 CV10		20	1018	CHLORODIFLUORO-METHANE (REFRIGERANT GAS R 22)
PxBN(M)		AT	3	V7		CV9 CV10		20	1020	CHLOROPENTAFLUORO-ETHANE (REFRIGERANT GAS R 115)
PxBN(M)		AT	3	V7		CV9 CV10		20	1021	1-CHLORO-1,2,2,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 124)
PxBN(M)		AT	3	V7		CV9 CV10		20	1022	CHLOROTRIFLUORO-METHANE (REFRIGERANT GAS R 13)
CxBH(M)	TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	1023	COAL GAS, COMPRESSED
PxBH(M)	TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	1026	CYANOGEN
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1027	CYCLOPROPANE
PxBN(M)		AT	3	V7		CV9 CV10		20	1028	DICHLORODIFLUORO-METHANE (REFRIGERANT GAS R 12)
PxBN(M)		AT	3	V7		CV9 CV10		20	1029	DICHLOROFLUORO-METHANE (REFRIGERANT GAS R 21)
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1030	1,1-DIFLUOROETHANE (REFRIGERANT GAS R 152a)
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1032	DIMETHYLAMINE, ANHYDROUS
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1033	DIMETHYL ETHER
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1035	ETHANE
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1036	ETHYLAMINE
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1037	ETHYL CHLORIDE
RxBN(M)	TU18	FL	2	V5 V7		CV9 CV11	S2 S17	223	1038	ETHYLENE, REFRIGERATED LIQUID
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1039	ETHYL METHYL ETHER
		FL	1	V7		CV9 CV10	S2 S7 S17		1040	ETHYLENE OXIDE
PxBH(M)	TE1		1	V7		CV9 CV10	S2 S7 S17	263	1040	ETHYLENE OXIDE WITH NITROGEN up to a total pressure of 1 MPa (10 bar) at 50 °C
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	239	1041	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 9% but not more than 87% ethylene oxide
									1043	FERTILIZER AMMONIATING SOLUTION with free ammonia
			3			CV9			1044	FIRE EXTINGUISHERS with compressed or liquefied gas
			1	V7		CV9 CV10	S7 S17		1045	FLUORINE, COMPRESSED
CxBN(M)		AT	3	V7		CV9 CV10		20	1046	HELIUM, COMPRESSED
PxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	268	1048	HYDROGEN BROMIDE, ANHYDROUS
CxBN(M)		FL	2	V7		CV9 CV10	S2	23	1049	HYDROGEN, COMPRESSED

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1050	HYDROGEN CHLORIDE, ANHYDROUS	2	2TC		2.3 +8		LQ0	P200		MP9		
1051	HYDROGEN CYANIDE, STABILIZED containing less than 3% water	6.1	TF1	I	6.1 +3	603	LQ0	P200		MP2		
1052	HYDROGEN FLUORIDE, ANHYDROUS	8	CT1	I	8 +6.1		LQ0	P200		MP2	T10	TP2
1053	HYDROGEN SULPHIDE	2	2TF		2.3 +2.1		LQ0	P200		MP9		
1055	ISOBUTYLENE	2	2F		2.1		LQ0	P200		MP9	T50	
1056	KRYPTON, COMPRESSED	2	1A		2.2		LQ1	P200		MP9		
1057	LIGHTERS or LIGHTER REFILLS containing flammable gas	2	6F		2.1		LQ0	P205		MP9		
1058	LIQUEFIED GASES, non-flammable, charged with nitrogen, carbon dioxide or air	2	2A		2.2		LQ1	P200		MP9		
1060	METHYLACETYLENE AND PROPADIENE MIXTURE, STABILIZED such as mixture P1 or mixture P2	2	2F		2.1	581	LQ0	P200		MP9	T50	
1061	METHYLAMINE, ANHYDROUS	2	2F		2.1		LQ0	P200		MP9	T50	
1062	METHYL BROMIDE	2	2T		2.3	23	LQ0	P200		MP9	T50	
1063	METHYL CHLORIDE (REFRIGERANT GAS R 40)	2	2F		2.1		LQ0	P200		MP9	T50	
1064	METHYL MERCAPTAN	2	2TF		2.3 +2.1		LQ0	P200		MP9	T50	
1065	NEON, COMPRESSED	2	1A		2.2		LQ1	P200		MP9		
1066	NITROGEN, COMPRESSED	2	1A		2.2		LQ1	P200		MP9		
1067	DINITROGEN TETROXIDE (NITROGEN DIOXIDE)	2	2TOC		2.3 +5.1 +8		LQ0	P200		MP9	T50	TP21
1069	NITROSYL CHLORIDE	2	2TC		2.3 +8		LQ0	P200		MP9		
1070	NITROUS OXIDE	2	2O		2.2 +5.1	584	LQ0	P200		MP9		
1071	OIL GAS, COMPRESSED	2	1TF		2.3 +2.1		LQ0	P200		MP9		
1072	OXYGEN, COMPRESSED	2	1O		2.2 +5.1		LQ0	P200		MP9		
1073	OXYGEN, REFRIGERATED LIQUID	2	3O		2.2 +5.1		LQ0	P203		MP9	T75	TP22
1075	PETROLEUM GASES, LIQUEFIED	2	2F		2.1	274 583 639	LQ0	P200		MP9	T50	
1076	PHOSGENE	2	2TC		2.3 +8		LQ0	P200		MP9		
1077	PROPYLENE	2	2F		2.1		LQ0	P200		MP9	T50	
1078	REFRIGERANT GAS, N.O.S., such as mixture F1, mixture F2 or mixture F3	2	2A		2.2	274 582	LQ1	P200		MP9	T50	
1079	SULPHUR DIOXIDE	2	2TC		2.3 +8		LQ0	P200		MP9	T50	TP19
1080	SULPHUR HEXAFLUORIDE	2	2A		2.2		LQ1	P200		MP9		
1081	TETRAFLUOROETHYLENE, STABILIZED	2	2F		2.1		LQ0	P200		MP9		
1082	TRIFLUOROCHLORO-ETHYLENE, STABILIZED	2	2TF		2.3 +2.1		LQ0	P200		MP9	T50	

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
PxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	268	1050	HYDROGEN CHLORIDE, ANHYDROUS
			0			CV13 CV28	S2 S9 S10 S17		1051	HYDROGEN CYANIDE, STABILIZED containing less than 3% water
L21DH(+)	TU14 TU34 TC1 TE1 TM3 TM5	AT	1			CV13 CV28	S17	886	1052	HYDROGEN FLUORIDE, ANHYDROUS
PxDH(M)	TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	1053	HYDROGEN SULPHIDE
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1055	ISOBUTYLENE
CxBN(M)		AT	3	V7		CV9 CV10		20	1056	KRYPTON, COMPRESSED
			2			CV9	S2		1057	LIGHTERS or LIGHTER REFILLS (cigarettes) containing flammable gas
PxBN(M)		AT	3	V7		CV9 CV10		20	1058	LIQUEFIED GASES, non-flammable, charged with nitrogen, carbon dioxide or air
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	239	1060	METHYLACETYLENE AND PROPADIENE MIXTURE, STABILIZED such as mixture P1 or mixture P2
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1061	METHYLAMINE, ANHYDROUS
PxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	26	1062	METHYL BROMIDE
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1063	METHYL CHLORIDE (REFRIGERANT GAS R 40)
PxDH(M)	TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	1064	METHYL MERCAPTAN
CxBN(M)		AT	3	V7		CV9 CV10		20	1065	NEON, COMPRESSED
CxBN(M)		AT	3	V7		CV9 CV10		20	1066	NITROGEN, COMPRESSED
PxBH	TU17 TE1	AT	1	V7		CV9 CV10	S7 S17	265	1067	DINITROGEN TETROXIDE (NITROGEN DIOXIDE)
			1	V7		CV9 CV10	S7 S17		1069	NITROSYL CHLORIDE
PxBN(M)		AT	3	V7		CV9 CV10		25	1070	NITROUS OXIDE
CxBH(M)	TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	1071	OIL GAS, COMPRESSED
CxBN(M)		AT	3	V7		CV9 CV10		25	1072	OXYGEN, COMPRESSED
RxBN(M)	TU7 TU19	AT	3	V5 V7		CV9 CV11	S20	225	1073	OXYGEN, REFRIGERATED LIQUID
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1075	PETROLEUM GASES, LIQUEFIED
P22DH	TU17 TE1	AT	1	V7		CV9 CV10	S7 S17	268	1076	PHOSGENE
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1077	PROPYLENE
PxBN(M)		AT	3	V7		CV9 CV10		20	1078	REFRIGERANT GAS, N.O.S., such as mixture F1, mixture F2 or mixture F3
PxDH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	268	1079	SULPHUR DIOXIDE
PxBN(M)		AT	3	V7		CV9 CV10		20	1080	SULPHUR HEXAFLUORIDE
			2	V7		CV9 CV10	S2 S20		1081	TETRAFLUOROETHYLENE, STABILIZED
PxBH(M)	TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	1082	TRIFLUOROCHLORO-ETHYLENE, STABILIZED

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1083	TRIMETHYLAMINE, ANHYDROUS	2	2F		2.1		LQ0	P200		MP9	T50	
1085	VINYL BROMIDE, STABILIZED	2	2F		2.1		LQ0	P200		MP9	T50	
1086	VINYL CHLORIDE, STABILIZED	2	2F		2.1		LQ0	P200		MP9	T50	
1087	VINYL METHYL ETHER, STABILIZED	2	2F		2.1		LQ0	P200		MP9	T50	
1088	ACETAL	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1089	ACETALDEHYDE	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2 TP7
1090	ACETONE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1091	ACETONE OILS	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1 TP8
1092	ACROLEIN, STABILIZED	6.1	TF1	I	6.1 +3		LQ0	P601 PR3		MP8 MP17	T14	TP2 TP7 TP13
1093	ACRYLONITRILE, STABILIZED	3	FT1	I	3 +6.1		LQ0	P001		MP7 MP17	T14	TP2 TP13
1098	ALLYL ALCOHOL	6.1	TF1	I	6.1 +3		LQ0	P602		MP8 MP17	T14	TP2 TP13
1099	ALLYL BROMIDE	3	FT1	I	3 +6.1		LQ0	P001		MP7 MP17	T14	TP2 TP13
1100	ALLYL CHLORIDE	3	FT1	I	3 +6.1		LQ0	P001		MP7 MP17	T14	TP2 TP13
1104	AMYL ACETATES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1105	PENTANOLS	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1 TP29
1105	PENTANOLS	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1106	AMYLAMINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
1106	AMYLAMINE	3	FC	III	3+8		LQ7	P001 IBC03 R001		MP19	T4	TP1
1107	AMYL CHLORIDE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1108	1-PENTENE (n-AMYLENE)	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2
1109	AMYL FORMATES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1110	n-AMYL METHYL KETONE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1111	AMYL MERCAPTAN	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1112	AMYL NITRATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1083	TRIMETHYLAMINE, ANHYDROUS
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	239	1085	VINYL BROMIDE, STABILIZED
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	239	1086	VINYL CHLORIDE, STABILIZED
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	239	1087	VINYL METHYL ETHER, STABILIZED
LGBF		FL	2				S2 S20	33	1088	ACETAL
L4BN	TU8	FL	1				S2 S20	33	1089	ACETALDEHYDE
LGBF		FL	2				S2 S20	33	1090	ACETONE
LGBF		FL	2				S2 S20	33	1091	ACETONE OILS
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	1092	ACROLEIN, STABILIZED
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	1093	ACRYLONITRILE, STABILIZED
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	1098	ALLYL ALCOHOL
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	1099	ALLYL BROMIDE
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	1100	ALLYL CHLORIDE
LGBF		FL	3				S2	30	1104	AMYL ACETATES
LGBF		FL	2				S2 S20	33	1105	PENTANOLS
LGBF		FL	3				S2	30	1105	PENTANOLS
L4BH	TE1	FL	2				S2 S20	338	1106	AMYLAMINE
L4BN		FL	3				S2	38	1106	AMYLAMINE
LGBF		FL	2				S2 S20	33	1107	AMYL CHLORIDE
L4BN		FL	1				S2 S20	33	1108	1-PENTENE (n-AMYLENE)
LGBF		FL	3				S2	30	1109	AMYL FORMATES
LGBF		FL	3				S2	30	1110	n-AMYL METHYL KETONE
LGBF		FL	2				S2 S20	33	1111	AMYL MERCAPTAN
LGBF		FL	3				S2	30	1112	AMYL NITRATE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1113	AMYL NITRITE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1114	BENZENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1120	BUTANOLS	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1 TP29
1120	BUTANOLS	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1123	BUTYL ACETATES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1123	BUTYL ACETATES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1125	n-BUTYLAMINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
1126	1-BROMOBUTANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1127	CHLOROBUTANES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1128	n-BUTYL FORMATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1129	BUTYRALDEHYDE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1130	CAMPHOR OIL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1131	CARBON DISULPHIDE	3	FT1	I	3+6.1		LQ0	P001	PP31	MP7 MP17	T14	TP2 TP7 TP13
1133	ADHESIVES containing flammable liquid (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17	T11	TP1 TP8 TP27
1133	ADHESIVES containing flammable liquid (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17	T11	TP1 TP8 TP27
1133	ADHESIVES containing flammable liquid (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	640	LQ6	P001	PP1	MP19	T4	TP1 TP8
1133	ADHESIVES containing flammable liquid (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	640	LQ6	P001 IBC02 R001	PP1	MP19	T4	TP1 TP8
1133	ADHESIVES containing flammable liquid (non viscous)	3	F1	III	3	640	LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1133	ADHESIVES containing flammable liquid (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001	PP1	MP19	T2	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	2				S2 S20	33	1113	AMYL NITRITE
LGBF		FL	2				S2 S20	33	1114	BENZENE
LGBF		FL	2				S2 S20	33	1120	BUTANOLS
LGBF		FL	3				S2	30	1120	BUTANOLS
LGBF		FL	2				S2 S20	33	1123	BUTYL ACETATES
LGBF		FL	3				S2	30	1123	BUTYL ACETATES
L4BH	TE1	FL	2				S2 S20	338	1125	n-BUTYLAMINE
LGBF		FL	2				S2 S20	33	1126	1-BROMOBUTANE
LGBF		FL	2				S2 S20	33	1127	CHLOROBUTANES
LGBF		FL	2				S2 S20	33	1128	n-BUTYL FORMATE
LGBF		FL	2				S2 S20	33	1129	BUTYRALDEHYDE
LGBF		FL	3				S2	30	1130	CAMPHOR OIL
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	1131	CARBON DISULPHIDE
L4BN		FL	1				S2 S20	33	1133	ADHESIVES containing flammable liquid (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	1				S2 S20	33	1133	ADHESIVES containing flammable liquid (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1,5BN		FL	2				S2 S20	33	1133	ADHESIVES containing flammable liquid (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1133	ADHESIVES containing flammable liquid (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1133	ADHESIVES containing flammable liquid (non viscous)
L4BN		FL	3				S2	33	1133	ADHESIVES containing flammable liquid (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	**(2)**	**(3a)**	**(3b)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9a)**	**(9b)**	**(10)**	**(11)**
1133	ADHESIVES containing flammable liquid (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001	PP1	MP19	T2	TP1
1133	ADHESIVES containing flammable liquid (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	III	3	640	LQ7	P001 IBC02 LP01 R001	PP1	MP19	T2	TP1
1134	CHLOROBENZENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1135	ETHYLENE CHLOROHYDRIN	6.1	TF1	I	6.1 +3		LQ0	P001		MP8 MP17	T14	TP2 TP13
1136	COAL TAR DISTILLATES, FLAMMABLE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1136	COAL TAR DISTILLATES, FLAMMABLE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1 TP29
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17	T11	TP1 TP8 TP27
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17	T11	TP1 TP8 TP27
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	640	LQ6	P001		MP19	T4	TP1 TP8
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	640	LQ6	P001 IBC02 R001		MP19	T4	TP1 TP8
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (non viscous)	3	F1	III	3	640	LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L1,5BN		FL	3				S2	33	1133	ADHESIVES containing flammable liquid (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	3				S2	33	1133	ADHESIVES containing flammable liquid (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1134	CHLOROBENZENE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	1135	ETHYLENE CHLOROHYDRIN
LGBF		FL	2				S2 S20	33	1136	COAL TAR DISTILLATES, FLAMMABLE
LGBF		FL	3				S2	30	1136	COAL TAR DISTILLATES, FLAMMABLE
L4BN		FL	1				S2 S20	33	1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	1				S2 S20	33	1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1,5BN		FL	2				S2 S20	33	1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (non viscous)

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1
1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	III	3	640	LQ7	P001 IBC02 LP01 R001		MP19	T2	TP1
1143	CROTONALDEHYDE, STABILIZED	6.1	TF1	I	6.1+3		LQ0	P001		MP8 MP17	T14	TP2 TP13
1144	CROTONYLENE	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2
1145	CYCLOHEXANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1146	CYCLOPENTANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T7	TP1
1147	DECAHYDRO-NAPHTHALENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1148	DIACETONE ALCOHOL	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1148	DIACETONE ALCOHOL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1149	DIBUTYL ETHERS	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1150	1,2-DICHLOROETHYLENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T7	TP2
1152	DICHLOROPENTANES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1153	ETHYLENE GLYCOL DIETHYL ETHER	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		FL	3				S2	33	1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	3				S2	33	1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	3				S2	33	1139	COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining) (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	1143	CROTONALDEHYDE, STABILIZED
L4BN		FL	1				S2 S20	339	1144	CROTONYLENE
LGBF		FL	2				S2 S20	33	1145	CYCLOHEXANE
LGBF		FL	2				S2 S20	33	1146	CYCLOPENTANE
LGBF		FL	3				S2	30	1147	DECAHYDRO-NAPHTHALENE
LGBF		FL	2				S2 S20	33	1148	DIACETONE ALCOHOL
LGBF		FL	3				S2	30	1148	DIACETONE ALCOHOL
LGBF		FL	3				S2	30	1149	DIBUTYL ETHERS
LGBF		FL	2				S2 S20	33	1150	1,2-DICHLOROETHYLENE
LGBF		FL	3				S2	30	1152	DICHLOROPENTANES
LGBF		FL	3				S2	30	1153	ETHYLENE GLYCOL DIETHYL ETHER

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1154	DIETHYLAMINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
1155	DIETHYL ETHER (ETHYL ETHER)	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2
1156	DIETHYL KETONE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1157	DIISOBUTYL KETONE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1158	DIISOPROPYLAMINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
1159	DIISOPROPYL ETHER	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1160	DIMETHYLAMINE AQUEOUS SOLUTION	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
1161	DIMETHYL CARBONATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1162	DIMETHYLDICHLORO-SILANE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP2 TP13
1163	DIMETHYLHYDRAZINE, UNSYMMETRICAL	6.1	TFC	I	6.1+3+8		LQ0	P602		MP8 MP17	T14	TP2 TP13
1164	DIMETHYL SULPHIDE	3	F1	II	3		LQ4	P001 IBC02	B8	MP19	T7	TP2
1165	DIOXANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1166	DIOXOLANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1167	DIVINYL ETHER, STABILIZED	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2
1169	EXTRACTS, AROMATIC, LIQUID (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17		
1169	EXTRACTS, AROMATIC, LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17		
1169	EXTRACTS, AROMATIC, LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	640	LQ6	P001		MP19	T4	TP1 TP8
1169	EXTRACTS, AROMATIC, LIQUID (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	640	LQ6	P001 IBC02 R001		MP19	T4	TP1 TP8
1169	EXTRACTS, AROMATIC, LIQUID (non viscous)	3	F1	III	3	640	LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1169	EXTRACTS, AROMATIC, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1
1169	EXTRACTS, AROMATIC, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TE1	FL	2				S2 S20	338	1154	DIETHYLAMINE
L1.5BN		FL	1				S2 S20	33	1155	DIETHYL ETHER (ETHYL ETHER)
LGBF		FL	2				S2 S20	33	1156	DIETHYL KETONE
LGBF		FL	3				S2	30	1157	DIISOBUTYL KETONE
L4BH	TE1	FL	2				S2 S20	338	1158	DIISOPROPYLAMINE
LGBF		FL	2				S2 S20	33	1159	DIISOPROPYL ETHER
L4BH	TE1	FL	2				S2 S20	338	1160	DIMETHYLAMINE AQUEOUS SOLUTION
LGBF		FL	2				S2 S20	33	1161	DIMETHYL CARBONATE
L4BH	TE1	FL	2				S2 S20	X338	1162	DIMETHYLDICHLORO-SILANE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	1163	DIMETHYLHYDRAZINE, UNSYMMETRICAL
L1.5BN		FL	2				S2 S20	33	1164	DIMETHYL SULPHIDE
LGBF		FL	2				S2 S20	33	1165	DIOXANE
LGBF		FL	2				S2 S20	33	1166	DIOXOLANE
L1.5BN		FL	1				S2 S20	339	1167	DIVINYL ETHER, STABILIZED
L4BN		FL	1				S2 S20	33	1169	EXTRACTS, AROMATIC, LIQUID (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	1				S2 S20	33	1169	EXTRACTS, AROMATIC, LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1,5BN		FL	2				S2 S20	33	1169	EXTRACTS, AROMATIC, LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1169	EXTRACTS, AROMATIC, LIQUID (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1169	EXTRACTS, AROMATIC, LIQUID (non viscous)
L4BN		FL	3				S2	33	1169	EXTRACTS, AROMATIC, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	3				S2	33	1169	EXTRACTS, AROMATIC, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1169	EXTRACTS, AROMATIC, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	III	3	640	LQ7	P001 IBC02 LP01 R001		MP19	T2	TP1
1170	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	3	F1	II	3	144	LQ4	P001 IBC02 R001	PP2	MP19	T4	TP1
1170	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	3	F1	III	3	144	LQ7	P001 IBC03 LP01 R001	PP2	MP19	T2	TP1
1171	ETHYLENE GLYCOL MONOETHYL ETHER	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1172	ETHYLENE GLYCOL MONOETHYL ETHER ACETATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1173	ETHYL ACETATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1175	ETHYLBENZENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1176	ETHYL BORATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1177	ETHYLBUTYL ACETATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1178	2-ETHYLBUTYRALDEHYDE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1179	ETHYL BUTYL ETHER	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1180	ETHYL BUTYRATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1181	ETHYL CHLOROACETATE	6.1	TF1	II	6.1 +3		LQ17	P001 IBC02		MP15	T7	TP2
1182	ETHYL CHLOROFORMATE	6.1	TFC	I	6.1 +3 +8		LQ0	P602		MP8 MP17	T14	TP2 TP13
1183	ETHYLDICHLOROSILANE	4.3	WFC	I	4.3 +3 +8		LQ0	P401 PR2		MP2	T10	TP2 TP7 TP13
1184	ETHYLENE DICHLORIDE	3	FT1	II	3 +6.1		LQ0	P001 IBC02		MP19	T7	TP1
1185	ETHYLENEIMINE, STABILIZED	6.1	TF1	I	6.1 +3		LQ0	P601 PR4		MP2		
1188	ETHYLENE GLYCOL MONOMETHYL ETHER	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1189	ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identifi-cation No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	3				S2	33	1169	EXTRACTS, AROMATIC, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	2				S2 S20	33	1170	ETHANOL (ETHYL ALCOHOL) or ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
LGBF		FL	3				S2	30	1170	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
LGBF		FL	3				S2	30	1171	ETHYLENE GLYCOL MONOETHYL ETHER
LGBF		FL	3				S2	30	1172	ETHYLENE GLYCOL MONOETHYL ETHER ACETATE
LGBF		FL	2				S2 S20	33	1173	ETHYL ACETATE
LGBF		FL	2				S2 S20	33	1175	ETHYLBENZENE
LGBF		FL	2				S2 S20	33	1176	ETHYL BORATE
LGBF		FL	3				S2	30	1177	ETHYLBUTYL ACETATE
LGBF		FL	2				S2 S20	33	1178	2-ETHYLBUTYRALDEHYDE
LGBF		FL	2				S2 S20	33	1179	ETHYL BUTYL ETHER
LGBF		FL	3				S2	30	1180	ETHYL BUTYRATE
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	1181	ETHYL CHLOROACETATE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	1182	ETHYL CHLOROFORMATE
L10DH	TU14 TU23 TE1 TM2 TM3	FL	0	V1		CV23	S2	X338	1183	ETHYLDICHLOROSILANE
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	1184	ETHYLENE DICHLORIDE
L15CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	1185	ETHYLENEIMINE, STABILIZED
LGBF		FL	3				S2	30	1188	ETHYLENE GLYCOL MONOMETHYL ETHER
LGBF		FL	3				S2	30	1189	ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1190	ETHYL FORMATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1191	OCTYL ALDEHYDES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1192	ETHYL LACTATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1193	ETHYL METHYL KETONE (METHYL ETHYL KETONE)	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1194	ETHYL NITRITE SOLUTION	3	FT1	I	3+6.1		LQ0	P001		MP7 MP17		
1195	ETHYL PROPIONATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1196	ETHYLTRICHLOROSILANE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP2 TP13
1197	EXTRACTS, FLAVOURING, LIQUID (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17		
1197	EXTRACTS, FLAVOURING, LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17		
1197	EXTRACTS, FLAVOURING, LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	640	LQ6	P001		MP19	T4	TP1 TP8
1197	EXTRACTS, FLAVOURING, LIQUID (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	640	LQ6	P001 IBC02 R001		MP19	T4	TP1 TP8
1197	EXTRACTS, FLAVOURING, LIQUID (non viscous)	3	F1	III	3	640	LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1197	EXTRACTS, FLAVOURING, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1
1197	EXTRACTS, FLAVOURING, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1
1197	EXTRACTS, FLAVOURING, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	III	3	640	LQ7	P001 IBC02 LP01 R001		MP19	T2	TP1
1198	FORMALDEHYDE SOLUTION, FLAMMABLE	3	FC	III	3+8		LQ7	P001 IBC03 R001		MP19	T4	TP1
1199	FURALDEHYDES	6.1	TF1	II	6.1+3		LQ0	P001 IBC02		MP15	T7	TP2
1201	FUSEL OIL	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	2				S2 S20	33	1190	ETHYL FORMATE
LGBF		FL	3				S2	30	1191	OCTYL ALDEHYDES
LGBF		FL	3				S2	30	1192	ETHYL LACTATE
LGBF		FL	2				S2 S20	33	1193	ETHYL METHYL KETONE (METHYL ETHYL KETONE)
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	1194	ETHYL NITRITE SOLUTION
LGBF		FL	2				S2 S20	33	1195	ETHYL PROPIONATE
L4BH	TE1	FL	2				S2 S20	X338	1196	ETHYLTRICHLOROSILANE
L4BN		FL	1				S2 S20	33	1197	EXTRACTS, FLAVOURING, LIQUID (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	1				S2 S20	33	1197	EXTRACTS, FLAVOURING, LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1,5BN		FL	2				S2 S20	33	1197	EXTRACTS, FLAVOURING, LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1197	EXTRACTS, FLAVOURING, LIQUID (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1197	EXTRACTS, FLAVOURING, LIQUID (non viscous)
L4BN		FL	3				S2	33	1197	EXTRACTS, FLAVOURING, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	3				S2	33	1197	EXTRACTS, FLAVOURING, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	3				S2	33	1197	EXTRACTS, FLAVOURING, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)
L4BN		FL	3				S2	38	1198	FORMALDEHYDE SOLUTION, FLAMMABLE
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	1199	FURALDEHYDES
LGBF		FL	2				S2 S20	33	1201	FUSEL OIL

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1201	FUSEL OIL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1202	GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT (flash-point not more than 61 °C)	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1202	DIESEL FUEL complying with standard EN 590:1993 or GAS OIL or HEATING OIL, LIGHT with a flash-point as specified in EN 590:1993	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1202	GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT (flash-point more than 61 °C and not more than 100 °C)	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1203	MOTOR SPIRIT or GASOLINE or PETROL	3	F1	II	3	534	LQ4	P001 IBC02 R001		MP19	T4	TP1
1204	NITROGLYCERIN SOLUTION IN ALCOHOL with not more than 1% nitroglycerin	3	D	II	3		LQ0	P001 IBC02	PP5	MP2		
1206	HEPTANES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1207	HEXALDEHYDE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1208	HEXANES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	163 640	LQ3	P001		MP7 MP17	T11	TP1 TP8
1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	163 640	LQ3	P001		MP7 MP17	T11	TP1 TP8
1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	163 640	LQ6	P001	PP1	MP19	T4	TP1 TP8
1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	163 640	LQ6	P001 IBC02 R001	PP1	MP19	T4	TP1 TP8

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	3				S2	30	1201	FUSEL OIL
LGBF		FL	3				S2	30	1202	GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT (flash-point not more than 61 °C)
LGBF		AT	3				S2	30	1202	DIESEL FUEL complying with standard EN 590:1993 or GAS OIL or HEATING OIL, LIGHT with a flash-point as specified in EN 590:1993
LGBV		AT	3				S2	30	1202	GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT (flash-point more than 61 °C and not more than 100 °C)
LGBF	TU9	FL	2				S2 S20	33	1203	MOTOR SPIRIT or GASOLINE or PETROL
			2				S2 S20		1204	NITROGLYCERIN SOLUTION IN ALCOHOL with not more than 1% nitroglycerin
LGBF		FL	2				S2 S20	33	1206	HEPTANES
LGBF		FL	3				S2	30	1207	HEXALDEHYDE
LGBF		FL	2				S2 S20	33	1208	HEXANES
L4BN		FL	1				S2 S20	33	1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	1				S2 S20	33	1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1,5BN		FL	2				S2 S20	33	1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (vapour pressure at 50 °C not more than 110 kPa)

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (non viscous)	3	F1	III	3	163 640	LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)	3	F1	III	3	163 640	LQ7	P001 LP01 R001	PP1	MP19	T2	TP1
1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	III	3	163 640	LQ7	P001 LP01 R001	PP1	MP19	T2	TP1
1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	III	3	163 640	LQ7	P001 IBC02 LP01 R001	PP1	MP19	T2	TP1
1212	ISOBUTANOL (ISOBUTYL ALCOHOL)	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1213	ISOBUTYL ACETATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1214	ISOBUTYLAMINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
1216	ISOOCTENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1218	ISOPRENE, STABILIZED	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2
1219	ISOPROPANOL (ISOPROPYL ALCOHOL)	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1220	ISOPROPYL ACETATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1221	ISOPROPYLAMINE	3	FC	I	3+8		LQ3	P001		MP7 MP17	T11	TP2
1222	ISOPROPYL NITRATE	3	F1	II	3		LQ4	P001 IBC02 R001	B7	MP19		
1223	KEROSENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP2
1224	KETONES, LIQUID, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	274 640	LQ4	P001		MP19	T7	TP1 TP8 TP28

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	3				S2	30	1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (non viscous)
L4BN		FL	3				S2	33	1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	3				S2	33	1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	3				S2	33	1210	PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1212	ISOBUTANOL (ISOBUTYL ALCOHOL)
LGBF		FL	2				S2 S20	33	1213	ISOBUTYL ACETATE
L4BH	TE1	FL	2				S2 S20	338	1214	ISOBUTYLAMINE
LGBF		FL	2				S2 S20	33	1216	ISOOCTENE
L1.5BN		FL	1				S2 S20	339	1218	ISOPRENE, STABILIZED
LGBF		FL	2				S2 S20	33	1219	ISOPROPANOL (ISOPROPYL ALCOHOL)
LGBF		FL	2				S2 S20	33	1220	ISOPROPYL ACETATE
L10CH	TU14 TE1	FL	1				S2 S20	338	1221	ISOPROPYLAMINE
			2				S2 S20		1222	ISOPROPYL NITRATE
LGBF		FL	3				S2	30	1223	KEROSENE
L1.5BN		FL	2				S2 S20	33	1224	KETONES, LIQUID, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1224	KETONES, LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	274 640	LQ4	P001 IBC02 R001		MP19	T7	TP1 TP8 TP28
1224	KETONES, LIQUID, N.O.S.	3	F1	III	3	274	LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1 TP29
1228	MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3	FT1	II	3+6.1	274	LQ0	P001 IBC02		MP19	T11	TP2 TP27
1228	MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3	FT1	III	3+6.1	274	LQ7	P001 IBC03 R001		MP19	T7	TP1 TP28
1229	MESITYL OXIDE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1230	METHANOL	3	FT1	II	3+6.1	279	LQ0	P001 IBC02		MP19	T7	TP2
1231	METHYL ACETATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1233	METHYLAMYL ACETATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1234	METHYLAL	3	F1	II	3		LQ4	P001 IBC02	B8	MP19	T7	TP2
1235	METHYLAMINE, AQUEOUS SOLUTION	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
1237	METHYL BUTYRATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1238	METHYL CHLOROFORMATE	6.1	TFC	I	6.1 +3+8		LQ0	P602		MP8 MP17	T14	TP2 TP13
1239	METHYL CHLORO-METHYL ETHER	6.1	TF1	I	6.1+3		LQ0	P602		MP8 MP17	T14	TP2
1242	METHYLDICHLOROSILANE	4.3	WFC	I	4.3 +3+8		LQ0	P401 PR2		MP2	T10	TP2 TP7 TP13
1243	METHYL FORMATE	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2
1244	METHYLHYDRAZINE	6.1	TFC	I	6.1 +3+8		LQ0	P602		MP8 MP17	T14	TP2 TP13
1245	METHYL ISOBUTYL KETONE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1246	METHYL ISOPROPENYL KETONE, STABILIZED	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1247	METHYL METHACRYLATE MONOMER, STABILIZED	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1248	METHYL PROPIONATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1249	METHYL PROPYL KETONE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1250	METHYLTRICHLOROSILANE	3	FC	I	3+8		LQ3	P001		MP7 MP17	T11	TP2 TP13

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	2				S2 S20	33	1224	KETONES, LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1224	KETONES, LIQUID, N.O.S.
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	1228	MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.
L4BH	TU15 TE1	FL	3			CV13 CV28	S2	36	1228	MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.
LGBF		FL	3				S2	30	1229	MESITYL OXIDE
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	1230	METHANOL
LGBF		FL	2				S2 S20	33	1231	METHYL ACETATE
LGBF		FL	3				S2	30	1233	METHYLAMYL ACETATE
L1.5BN		FL	2				S2 S20	33	1234	METHYLAL
L4BH	TE1	FL	2				S2 S20	338	1235	METHYLAMINE, AQUEOUS SOLUTION
LGBF		FL	2				S2 S20	33	1237	METHYL BUTYRATE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	1238	METHYL CHLOROFORMATE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	1239	METHYL CHLORO-METHYL ETHER
L10DH	TU14 TU24 TE1 TM2 TM3	FL	0	V1		CV23	S2	X338	1242	METHYLDICHLOROSILANE
L4BN		FL	1				S2 S20	33	1243	METHYL FORMATE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	1244	METHYLHYDRAZINE
LGBF		FL	2				S2 S20	33	1245	METHYL ISOBUTYL KETONE
LGBF		FL	2				S2 S20	339	1246	METHYL ISOPROPENYL KETONE, STABILIZED
LGBF		FL	2				S2 S20	339	1247	METHYL METHACRYLATE MONOMER, STABILIZED
LGBF		FL	2				S2 S20	33	1248	METHYL PROPIONATE
LGBF		FL	2				S2 S20	33	1249	METHYL PROPYL KETONE
L10CH	TU14 TE1	FL	1				S2 S20	X338	1250	METHYLTRICHLOROSILANE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	**(2)**	**(3a)**	**(3b)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9a)**	**(9b)**	**(10)**	**(11)**
1251	METHYL VINYL KETONE, STABILIZED	6.1	TFC	I	6.1+3+8		LQ0	P601 PR3		MP8 MP17	T14	TP2 TP13
1259	NICKEL CARBONYL	6.1	TF1	I	6.1+3		LQ0	P601 PR3		MP2		
1261	NITROMETHANE	3	F1	II	3		LQ4	P001 R001	RR2	MP19		
1262	OCTANES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	163 640	LQ3	P001		MP7 MP17	T11	TP1 TP8
1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kpa)	3	F1	I	3	163 640	LQ3	P001		MP7 MP17	T11	TP1 TP8
1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	163 640	LQ6	P001	PP1	MP19	T4	TP1 TP8
1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	163 640	LQ6	P001 IBC02 R001	PP1	MP19	T4	TP1 TP8
1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (non viscous)	3	F1	III	3	163 640	LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L10CH	TU14 TU15 TE1	FL	1			CV1 CV13 CV28	S2 S9 S17	639	1251	METHYL VINYL KETONE, STABILIZED
L15CH	TU14 TU15 TU31 TE1 TM3	FL	1			CV1 CV13 CV28	S2 S9 S17	663	1259	NICKEL CARBONYL
			2				S2 S20		1261	NITROMETHANE
LGBF		FL	2				S2 S20	33	1262	OCTANES
L4BN		FL	1				S2 S20	33	1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	1				S2 S20	33	1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kpa)
L1,5BN		FL	2				S2 S20	33	1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (non viscous)

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	**(2)**	**(3a)**	**(3b)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9a)**	**(9b)**	**(10)**	**(11)**
1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)	3	F1	III	3	163 640	LQ7	P001 LP01 R001	PP1	MP19	T2	TP1
1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	III	3	163 640	LQ7	P001 LP01 R001	PP1	MP19	T2	TP1
1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	III	3	163 640	LQ7	P001 IBC02 LP01 R001	PP1	MP19	T2	TP1
1264	PARALDEHYDE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1265	PENTANES, liquid	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2
1265	PENTANES, liquid	3	F1	II	3		LQ4	P001 IBC02	B8	MP19	T4	TP1
1266	PERFUMERY PRODUCTS with flammable solvents (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17		
1266	PERFUMERY PRODUCTS with flammable solvents (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17		
1266	PERFUMERY PRODUCTS with flammable solvents (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	640	LQ6	P001		MP19	T4	TP1 TP8
1266	PERFUMERY PRODUCTS with flammable solvents (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	640	LQ6	P001 IBC02 R001		MP19	T4	TP1 TP8
1266	PERFUMERY PRODUCTS with flammable solvents (non viscous)	3	F1	III	3	640	LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		FL	3				S2	33	1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	3				S2	33	1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	3				S2	33	1263	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound) (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1264	PARALDEHYDE
L4BN		FL	1				S2 S20	33	1265	PENTANES, liquid
L1.5BN		FL	2				S2 S20	33	1265	PENTANES, liquid
L4BN		FL	1				S2 S20	33	1266	PERFUMERY PRODUCTS with flammable solvents (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	1				S2 S20	33	1266	PERFUMERY PRODUCTS with flammable solvents (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1,5BN		FL	2				S2 S20	33	1266	PERFUMERY PRODUCTS with flammable solvents (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1266	PERFUMERY PRODUCTS with flammable solvents (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1266	PERFUMERY PRODUCTS with flammable solvents (non viscous)

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1266	PERFUMERY PRODUCTS with flammable solvents (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1
1266	PERFUMERY PRODUCTS with flammable solvents (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1
1266	PERFUMERY PRODUCTS with flammable solvents (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	III	3	640	LQ7	P001 IBC02 LP01 R001		MP19	T2	TP1
1267	PETROLEUM CRUDE OIL (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17	T11	TP1 TP8
1267	PETROLEUM CRUDE OIL (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17	T11	TP1 TP8
1267	PETROLEUM CRUDE OIL (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	640	LQ4	P001		MP19	T4	TP1 TP8
1267	PETROLEUM CRUDE OIL (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	640	LQ4	P001 IBC02 R001		MP19	T4	TP1 TP8
1267	PETROLEUM CRUDE OIL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S. (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	274 640	LQ3	P001		MP7 MP17	T11	TP1 TP8 TP9
1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.(vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	274 640	LQ3	P001		MP7 MP17	T11	TP1 TP8 TP9
1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	274 640	LQ4	P001		MP19	T7	TP1 TP8 TP9 TP28
1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	274 640	LQ4	P001 IBC02 R001		MP19	T7	TP1 TP8 TP9 TP28
1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.	3	F1	III	3	274	LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1 TP9 TP29

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		FL	3				S2	33	1266	PERFUMERY PRODUCTS with flammable solvents (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	3				S2	33	1266	PERFUMERY PRODUCTS with flammable solvents (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	3				S2	33	1266	PERFUMERY PRODUCTS with flammable solvents (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)
L4BN		FL	1				S2 S20	33	1267	PETROLEUM CRUDE OIL (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	1				S2 S20	33	1267	PETROLEUM CRUDE OIL (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1.5BN		FL	2				S2 S20	33	1267	PETROLEUM CRUDE OIL (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1267	PETROLEUM CRUDE OIL (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1267	PETROLEUM CRUDE OIL
L4BN		FL	1				S2 S20	33	1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S. (vapour pressure at 50 °C more than 175 kPa)
L1.5BN		FL	1				S2 S20	33	1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.(vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1.5BN		FL	2				S2 S20	33	1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1268	PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1272	PINE OIL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1274	n-PROPANOL (PROPYL ALCOHOL, NORMAL)	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1274	n-PROPANOL (PROPYL ALCOHOL, NORMAL)	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1275	PROPIONALDEHYDE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T7	TP1
1276	n-PROPYL ACETATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1277	PROPYLAMINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
1278	PROPYL CHLORIDE	3	F1	II	3		LQ4	P001 IBC02	B8	MP19	T7	TP2
1279	1,2-DICHLOROPROPANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1280	PROPYLENE OXIDE	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2 TP7
1281	PROPYL FORMATES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1282	PYRIDINE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP2
1286	ROSIN OIL (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17		
1286	ROSIN OIL (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17		
1286	ROSIN OIL (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	640	LQ6	P001		MP19	T4	TP1
1286	ROSIN OIL (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	640	LQ6	P001 IBC02 R001		MP19	T4	TP1
1286	ROSIN OIL (non viscous)	3	F1	III	3	640	LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1286	ROSIN OIL (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1
1286	ROSIN OIL (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1
1286	ROSIN OIL (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	III	3	640	LQ7	P001 IBC02 LP01 R001		MP19	T2	TP1
1287	RUBBER SOLUTION (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	3				S2	30	1272	PINE OIL
LGBF		FL	2				S2 S20	33	1274	n-PROPANOL (PROPYL ALCOHOL, NORMAL)
LGBF		FL	3				S2	30	1274	n-PROPANOL (PROPYL ALCOHOL, NORMAL)
LGBF		FL	2				S2 S20	33	1275	PROPIONALDEHYDE
LGBF		FL	2				S2 S20	33	1276	n-PROPYL ACETATE
L4BH	TE1	FL	2				S2 S20	338	1277	PROPYLAMINE
L1.5BN		FL	2				S2 S20	33	1278	PROPYL CHLORIDE
LGBF		FL	2				S2 S20	33	1279	1,2-DICHLOROPROPANE
L1.5BN		FL	1				S2 S20	33	1280	PROPYLENE OXIDE
LGBF		FL	2				S2 S20	33	1281	PROPYL FORMATES
LGBF		FL	2				S2 S20	33	1282	PYRIDINE
L4BN		FL	1				S2 S20	33	1286	ROSIN OIL (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	1				S2 S20	33	1286	ROSIN OIL (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1,5BN		FL	2				S2 S20	33	1286	ROSIN OIL (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1286	ROSIN OIL (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1286	ROSIN OIL (non viscous)
L4BN		FL	3				S2	33	1286	ROSIN OIL (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	3				S2	33	1286	ROSIN OIL (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	3				S2	33	1286	ROSIN OIL (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)
L4BN		FL	1				S2 S20	33	1287	RUBBER SOLUTION (vapour pressure at 50 °C more than 175 kPa)

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1287	RUBBER SOLUTION (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17		
1287	RUBBER SOLUTION (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	640	LQ6	P001		MP19	T4	TP1 TP8
1287	RUBBER SOLUTION (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	640	LQ6	P001 IBC02 R001		MP19	T4	TP1 TP8
1287	RUBBER SOLUTION (non viscous)	3	F1	III	3	640	LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1287	RUBBER SOLUTION (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1
1287	RUBBER SOLUTION (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1
1287	RUBBER SOLUTION (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	III	3	640	LQ7	P001 IBC02 LP01 R001		MP19	T2	TP1
1288	SHALE OIL	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1 TP8
1288	SHALE OIL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1289	SODIUM METHYLATE SOLUTION in alcohol	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1 TP8
1289	SODIUM METHYLATE SOLUTION in alcohol	3	FC	III	3+8		LQ7	P001 IBC02 R001		MP19	T4	TP1
1292	TETRAETHYL SILICATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1293	TINCTURES, MEDICINAL	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1 TP8
1293	TINCTURES, MEDICINAL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1294	TOLUENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1295	TRICHLOROSILANE	4.3	WFC	I	4.3+3+8		LQ0	P401 PR2		MP2	T14	TP2 TP7 TP13
1296	TRIETHYLAMINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
1297	TRIMETHYLAMINE, AQUEOUS SOLUTION, not more than 50% trimethylamine, by mass	3	FC	I	3+8		LQ3	P001		MP7 MP17	T11	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L1,5BN		FL	1				S2 S20	33	1287	RUBBER SOLUTION (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1,5BN		FL	2				S2 S20	33	1287	RUBBER SOLUTION (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1287	RUBBER SOLUTION (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1287	RUBBER SOLUTION (non viscous)
L4BN		FL	3				S2	33	1287	RUBBER SOLUTION (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	3				S2	33	1287	RUBBER SOLUTION (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	3				S2	33	1287	RUBBER SOLUTION (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	2				S2 S20	33	1288	SHALE OIL
LGBF		FL	3				S2	30	1288	SHALE OIL
L4BH	TE1	FL	2				S2 S20	338	1289	SODIUM METHYLATE SOLUTION in alcohol
L4BN		FL	3				S2	38	1289	SODIUM METHYLATE SOLUTION in alcohol
LGBF		FL	3				S2	30	1292	TETRAETHYL SILICATE
LGBF		FL	2				S2 S20	33	1293	TINCTURES, MEDICINAL
LGBF		FL	3				S2	30	1293	TINCTURES, MEDICINAL
LGBF		FL	2				S2 S20	33	1294	TOLUENE
L10DH	TU14 TU25 TE1 TM2 TM3	FL	0	V1		CV23	S2	X338	1295	TRICHLOROSILANE
L4BH	TE1	FL	2				S2 S20	338	1296	TRIETHYLAMINE
L10CH	TU14 TE1	FL	1				S2 S20	338	1297	TRIMETHYLAMINE, AQUEOUS SOLUTION, not more than 50% trimethylamine, by mass

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1297	TRIMETHYLAMINE, AQUEOUS SOLUTION, not more than 50% trimethylamine, by mass	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
1297	TRIMETHYLAMINE, AQUEOUS SOLUTION, not more than 50% trimethylamine, by mass	3	FC	III	3+8		LQ7	P001 IBC03 R001		MP19	T7	TP1
1298	TRIMETHYLCHLORO-SILANE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP2 TP13
1299	TURPENTINE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1300	TURPENTINE SUBSTITUTE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1300	TURPENTINE SUBSTITUTE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1301	VINYL ACETATE, STABILIZED	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1302	VINYL ETHYL ETHER, STABILIZED	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2
1303	VINYLIDENE CHLORIDE, STABILIZED	3	F1	I	3		LQ3	P001		MP7 MP17	T12	TP2 TP7
1304	VINYL ISOBUTYL ETHER, STABILIZED	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
1305	VINYLTRICHLOROSILANE, STABILIZED	3	FC	I	3+8		LQ3	P001		MP7 MP17	T11	TP2 TP13
1306	WOOD PRESERVATIVES, LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	640	LQ6	P001		MP19	T4	TP1 TP8
1306	WOOD PRESERVATIVES, LIQUID (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	640	LQ6	P001 IBC02 R001		MP19	T4	TP1 TP8
1306	WOOD PRESERVATIVES, LIQUID (non viscous)	3	F1	III	3	640	LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1306	WOOD PRESERVATIVES, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1
1306	WOOD PRESERVATIVES, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001		MP19	T2	TP1
1306	WOOD PRESERVATIVES, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	III	3	640	LQ7	P001 IBC02 LP01 R001		MP19	T2	TP1
1307	XYLENES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TE1	FL	2				S2 S20	338	1297	TRIMETHYLAMINE, AQUEOUS SOLUTION, not more than 50% trimethylamine, by mass
L4BN		FL	3				S2	38	1297	TRIMETHYLAMINE, AQUEOUS SOLUTION, not more than 50% trimethylamine, by mass
L4BH	TE1	FL	2				S2 S20	X338	1298	TRIMETHYLCHLORO-SILANE
LGBF		FL	3				S2	30	1299	TURPENTINE
LGBF		FL	2				S2 S20	33	1300	TURPENTINE SUBSTITUTE
LGBF		FL	3				S2	30	1300	TURPENTINE SUBSTITUTE
LGBF		FL	2				S2 S20	339	1301	VINYL ACETATE, STABILIZED
L1.5BN		FL	1				S2 S20	339	1302	VINYL ETHYL ETHER, STABILIZED
L4BN		FL	1				S2 S20	339	1303	VINYLIDENE CHLORIDE, STABILIZED
LGBF		FL	2				S2 S20	339	1304	VINYL ISOBUTYL ETHER, STABILIZED
L10CH	TU14 TE1	FL	1				S2 S20	X338	1305	VINYLTRICHLOROSILANE, STABILIZED
L1,5BN		FL	2				S2 S20	33	1306	WOOD PRESERVATIVES, LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1306	WOOD PRESERVATIVES, LIQUID (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1306	WOOD PRESERVATIVES, LIQUID (non viscous)
L4BN		FL	3				S2	33	1306	WOOD PRESERVATIVES, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	3				S2	33	1306	WOOD PRESERVATIVES, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	3				S2	33	1306	WOOD PRESERVATIVES, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	2				S2 S20	33	1307	XYLENES

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1307	XYLENES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	640	LQ3	P001	PP33	MP7 MP17		
1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	640	LQ3	P001	PP33	MP7 MP17		
1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	640	LQ4	P001 R001	PP33	MP19		
1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	640	LQ4	P001 R001	PP33	MP19		
1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID	3	F1	III	3		LQ7	P001 R001		MP19		
1309	ALUMINIUM POWDER, COATED	4.1	F3	II	4.1		LQ8	P002 IBC08	PP38 B2 B4	MP11		
1309	ALUMINIUM POWDER, COATED	4.1	F3	III	4.1		LQ9	P002 IBC08 LP02 R001	PP11 B3	MP11		
1310	AMMONIUM PICRATE, WETTED with not less than 10% water, by mass	4.1	D	I	4.1		LQ0	P406	PP26	MP2		
1312	BORNEOL	4.1	F1	III	4.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
1313	CALCIUM RESINATE	4.1	F3	III	4.1		LQ9	P002 IBC06 R001		MP11		
1314	CALCIUM RESINATE, FUSED	4.1	F3	III	4.1		LQ9	P002 IBC04 R001		MP11		
1318	COBALT RESINATE, PRECIPITATED	4.1	F3	III	4.1		LQ9	P002 IBC06 R001		MP11		
1320	DINITROPHENOL, WETTED with not less than 15% water, by mass	4.1	DT	I	4.1 +6.1		LQ0	P406	PP26	MP2		
1321	DINITROPHENOLATES, WETTED with not less than 15% water, by mass	4.1	DT	I	4.1 +6.1		LQ0	P406	PP26	MP2		
1322	DINITRORESORCINOL, WETTED with not less than 15% water, by mass	4.1	D	I	4.1		LQ0	P406	PP26	MP2		
1323	FERROCERIUM	4.1	F3	II	4.1	249	LQ8	P002 IBC08	B2 B4	MP11		
1324	FILMS, NITROCELLULOSE BASE, gelatin coated, except scrap	4.1	F1	III	4.1		LQ9	P002 R001	PP15	MP11		
1325	FLAMMABLE SOLID, ORGANIC, N.O.S.	4.1	F1	II	4.1	274	LQ8	P002 IBC08	B2 B4	MP10	T3	TP1
1325	FLAMMABLE SOLID, ORGANIC, N.O.S.	4.1	F1	III	4.1	274	LQ9	P002 IBC08 LP02 R001	B3	MP10	T1	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	3				S2	30	1307	XYLENES
L4BN		FL	1				S2 S20	33	1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID (vapour pressure at 50 °C more than 175 kPa)
L1.5BN		FL	1				S2 S20	33	1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1.5BN		FL	2				S2 S20	33	1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1308	ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID
SGAN		AT	2					40	1309	ALUMINIUM POWDER, COATED
SGAV		AT	3		VV1			40	1309	ALUMINIUM POWDER, COATED
			1				S17		1310	AMMONIUM PICRATE, WETTED with not less than 10% water, by mass
SGAV		AT	3		VV1			40	1312	BORNEOL
SGAV		AT	3		VV1			40	1313	CALCIUM RESINATE
SGAV		AT	3		VV1			40	1314	CALCIUM RESINATE, FUSED
SGAV		AT	3		VV1			40	1318	COBALT RESINATE, PRECIPITATED
			1			CV28	S17		1320	DINITROPHENOL, WETTED with not less than 15% water, by mass
			1			CV28	S17		1321	DINITROPHENOLATES, WETTED with not less than 15% water, by mass
			1				S17		1322	DINITRORESORCINOL, WETTED with not less than 15% water, by mass
SGAN		AT	2					40	1323	FERROCERIUM
			3						1324	FILMS, NITROCELLULOSE BASE, gelatin coated, except scrap
SGAN		AT	2					40	1325	FLAMMABLE SOLID, ORGANIC, N.O.S.
SGAV		AT	3		VV1			40	1325	FLAMMABLE SOLID, ORGANIC, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1326	HAFNIUM POWDER, WETTED with not less than 25% water	4.1	F3	II	4.1	586	LQ8	P410 IBC06	PP40 B2	MP11		
1327	Hay, Straw or Bhusa	4.1	F1		NOT SUBJECT TO ADR							
1328	HEXAMETHYLENETE-TRAMINE	4.1	F1	III	4.1		LQ9	P002 IBC08 R001	B3	MP10		
1330	MANGANESE RESINATE	4.1	F3	III	4.1		LQ9	P002 IBC06 R001		MP11		
1331	MATCHES, 'STRIKE ANYWHERE'	4.1	F1	III	4.1	293	LQ9	P407	PP27	MP12		
1332	METALDEHYDE	4.1	F1	III	4.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
1333	CERIUM, slabs, ingots or rods	4.1	F3	II	4.1		LQ8	P002 IBC08	B2 B4	MP11		
1334	NAPHTHALENE, CRUDE or NAPHTHALENE, REFINED	4.1	F1	III	4.1	501	LQ9	P002 IBC08 LP02 R001	B3	MP10		
1336	NITROGUANIDINE (PICRITE), WETTED with not less than 20% water, by mass	4.1	D	I	4.1		LQ0	P406		MP2		
1337	NITROSTARCH, WETTED with not less than 20% water, by mass	4.1	D	I	4.1		LQ0	P406		MP2		
1338	PHOSPHORUS, AMORPHOUS	4.1	F3	III	4.1		LQ9	P410 IBC08 R001	B3	MP11		
1339	PHOSPHORUS HEPTASULPHIDE, free from yellow and white phosphorus	4.1	F3	II	4.1	602	LQ8	P410 IBC04		MP11		
1340	PHOSPHORUS PENTASULPHIDE, free from yellow and white phosphorus	4.3	WF2	II	4.3 +4.1	602	LQ11	P410 IBC04		MP14		
1341	PHOSPHORUS SESQUISULPHIDE, free from yellow and white phosphorus	4.1	F3	II	4.1	602	LQ8	P410 IBC04		MP11		
1343	PHOSPHORUS TRISULPHIDE, free from yellow and white phosphorus	4.1	F3	II	4.1	602	LQ8	P410 IBC04		MP11		
1344	TRINITROPHENOL, WETTED with not less than 30% water, by mass	4.1	D	I	4.1		LQ0	P406	PP26	MP2		
1345	RUBBER SCRAP or RUBBER SHODDY, powdered or granulated	4.1	F1	II	4.1		LQ8	P002 IBC08	B2 B4	MP11		
1346	SILICON POWDER, AMORPHOUS	4.1	F3	III	4.1	32	LQ9	P002 IBC08 LP02 R001	B3	MP11		
1347	SILVER PICRATE, WETTED with not less than 30% water, by mass	4.1	D	I	4.1		LQ0	P406	PP25 PP26	MP2		
1348	SODIUM DINITRO-o-CRESOLATE, WETTED with not less than 15% water, by mass	4.1	DT	I	4.1 +6.1		LQ0	P406	PP26	MP2		
1349	SODIUM PICRAMATE, WETTED with not less than 20% water, by mass	4.1	D	I	4.1		LQ0	P406	PP26	MP2		
1350	SULPHUR	4.1	F3	III	4.1	641	LQ9	P002 IBC08 LP02 R001	B3	MP11	T1	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAN		AT	2					40	1326	HAFNIUM POWDER, WETTED with not less than 25% water
NOT SUBJECT TO ADR									1327	Hay, Straw or Bhusa
SGAV		AT	3		VV1			40	1328	HEXAMETHYLENETE-TRAMINE
SGAV		AT	3		VV1			40	1330	MANGANESE RESINATE
			4						1331	MATCHES, 'STRIKE ANYWHERE'
SGAV		AT	3		VV1			40	1332	METALDEHYDE
			2						1333	CERIUM, slabs, ingots or rods
SGAV		AT	3		VV2			40	1334	NAPHTHALENE, CRUDE or NAPHTHALENE, REFINED
			1				S17		1336	NITROGUANIDINE (PICRITE), WETTED with not less than 20% water, by mass
			1				S17		1337	NITROSTARCH, WETTED with not less than 20% water, by mass
SGAV		AT	3		VV1			40	1338	PHOSPHORUS, AMORPHOUS
SGAN		AT	2					40	1339	PHOSPHORUS HEPTASULPHIDE, free from yellow and white phosphorus
SGAN		AT	0	V1		CV23		423	1340	PHOSPHORUS PENTASULPHIDE, free from yellow and white phosphorus
SGAN		AT	2					40	1341	PHOSPHORUS SESQUISULPHIDE, free from yellow and white phosphorus
SGAN		AT	2					40	1343	PHOSPHORUS TRISULPHIDE, free from yellow and white phosphorus
			1				S17		1344	TRINITROPHENOL, WETTED with not less than 30% water, by mass
SGAN		AT	4					40	1345	RUBBER SCRAP or RUBBER SHODDY, powdered or granulated
SGAV		AT	3		VV1			40	1346	SILICON POWDER, AMORPHOUS
			1				S17		1347	SILVER PICRATE, WETTED with not less than 30% water, by mass
			1			CV28	S17		1348	SODIUM DINITRO-o-CRESOLATE, WETTED with not less than 15% water, by mass
			1				S17		1349	SODIUM PICRAMATE, WETTED with not less than 20% water, by mass
SGAV		AT	3		VV1			40	1350	SULPHUR

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	**(2)**	**(3a)**	**(3b)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9a)**	**(9b)**	**(10)**	**(11)**
1352	TITANIUM POWDER, WETTED with not less than 25% water	4.1	F3	II	4.1	586	LQ8	P410 IBC06	PP40 B2	MP11		
1353	FIBRES or FABRICS IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.	4.1	F1	III	4.1	274 502	LQ9	P410 IBC08 R001	B3	MP11		
1354	TRINITROBENZENE, WETTED with not less than 30% water, by mass	4.1	D	I	4.1		LQ0	P406		MP2		
1355	TRINITROBENZOIC ACID, WETTED with not less than 30% water, by mass	4.1	D	I	4.1		LQ0	P406		MP2		
1356	TRINITROTOLUENE, TNT, WETTED with not less than 30% water, by mass	4.1	D	I	4.1		LQ0	P406		MP2		
1357	UREA NITRATE, WETTED with not less than 20% water, by mass	4.1	D	I	4.1	227	LQ0	P406		MP2		
1358	ZIRCONIUM POWDER, WETTED with not less than 25% water	4.1	F3	II	4.1	586	LQ8	P410 IBC06	PP40 B2	MP11		
1360	CALCIUM PHOSPHIDE	4.3	WT2	I	4.3 +6.1		LQ0	P403		MP2		
1361	CARBON, animal or vegetable origin	4.2	S2	II	4.2		LQ0	P002 IBC06	PP12	MP14		
1361	CARBON, animal or vegetable origin	4.2	S2	III	4.2		LQ0	P002 IBC08 LP02 R001	PP12 B3	MP14		
1362	CARBON, ACTIVATED	4.2	S2	III	4.2		LQ0	P002 IBC08 LP02 R001	PP11 B3	MP14		
1363	COPRA	4.2	S2	III	4.2		LQ0	P003 IBC08 LP02 R001	PP20 B3 B6	MP14		
1364	COTTON WASTE, OILY	4.2	S2	III	4.2		LQ0	P003 IBC08 LP02 R001	PP19 B6	MP14		
1365	COTTON, WET	4.2	S2	III	4.2		LQ0	P003 IBC08 LP02 R001	PP19 B6	MP14		
1366	DIETHYLZINC	4.2	SW	I	4.2 +4.3		LQ0	P400 PR1		MP2	T21	TP2 TP7
1369	p-NITROSODIMETHYL-ANILINE	4.2	S2	II	4.2		LQ0	P410 IBC06	B2	MP14		
1370	DIMETHYLZINC	4.2	SW	I	4.2 +4.3		LQ0	P400 PR1		MP2	T21	TP2 TP7
1373	FIBRES or FABRICS, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S. with oil	4.2	S2	III	4.2	274	LQ0	P410 IBC08 R001	B3	MP14		
1374	FISH MEAL (FISH SCRAP), UNSTABILIZED	4.2	S2	II	4.2		LQ0	P410 IBC08	B2	MP14		
1376	IRON OXIDE, SPENT or IRON SPONGE, SPENT obtained from coal gas purification	4.2	S4	III	4.2	592	LQ0	P002 IBC08 LP02 R001	B3	MP14		
1378	METAL CATALYST, WETTED with a visible excess of liquid	4.2	S4	II	4.2	274	LQ0	P410 IBC01	PP39	MP14		
1379	PAPER, UNSATURATED OIL TREATED, incompletely dried (including carbon paper)	4.2	S2	III	4.2		LQ0	P410 IBC08 R001	B3	MP14		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAN		AT	2					40	1352	TITANIUM POWDER, WETTED with not less than 25% water
			3						1353	FIBRES or FABRICS IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.
			1				S17		1354	TRINITROBENZENE, WETTED with not less than 30% water, by mass
			1				S17		1355	TRINITROBENZOIC ACID, WETTED with not less than 30% water, by mass
			1				S17		1356	TRINITROTOLUENE, TNT, WETTED with not less than 30% water, by mass
			1				S17		1357	UREA NITRATE, WETTED with not less than 20% water, by mass
SGAN		AT	2					40	1358	ZIRCONIUM POWDER, WETTED with not less than 25% water
			1	V1		CV23 CV28			1360	CALCIUM PHOSPHIDE
SGAN	TU11	AT	2	V1				40	1361	CARBON, animal or vegetable origin
SGAV		AT	4	V1	VV4			40	1361	CARBON, animal or vegetable origin
SGAV		AT	4	V1	VV4			40	1362	CARBON, ACTIVATED
		AT	3	V1	VV4			40	1363	COPRA
		AT	3	V1	VV4			40	1364	COTTON WASTE, OILY
		AT	3	V1	VV4			40	1365	COTTON, WET
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	1366	DIETHYLZINC
SGAN		AT	2	V1				40	1369	p-NITROSODIMETHYL-ANILINE
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	1370	DIMETHYLZINC
		AT	3	V1	VV4			40	1373	FIBRES or FABRICS, ANIMAL or VEGETABLE or SYNTHETIC, N.O.S. with oil
			2	V1					1374	FISH MEAL (FISH SCRAP), UNSTABILIZED
SGAV		AT	3	V1	VV4			40	1376	IRON OXIDE, SPENT or IRON SPONGE, SPENT obtained from coal gas purification
SGAN		AT	2	V1				40	1378	METAL CATALYST, WETTED with a visible excess of liquid
		AT	3	V1	VV4			40	1379	PAPER, UNSATURATED OIL TREATED, incompletely dried (including carbon paper)

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1380	PENTABORANE	4.2	ST3	I	4.2 +6.1		LQ0	P601 PR1		MP2		
1381	PHOSPHORUS, WHITE or YELLOW, UNDER WATER or IN SOLUTION	4.2	ST3	I	4.2 +6.1	503	LQ0	P405		MP2	T9	TP3
1381	PHOSPHORUS, WHITE or YELLOW, DRY	4.2	ST4	I	4.2 +6.1	503	LQ0	P405		MP2	T9	TP3
1382	POTASSIUM SULPHIDE, ANHYDROUS or POTASSIUM SULPHIDE with less than 30% water of crystallization	4.2	S4	II	4.2	504	LQ0	P410 IBC06	B2	MP14		
1383	PYROPHORIC METAL, N.O.S. or PYROPHORIC ALLOY, N.O.S.	4.2	S4	I	4.2	274	LQ0	P404		MP13		
1384	SODIUM DITHIONITE (SODIUM HYDROSULPHITE)	4.2	S4	II	4.2		LQ0	P410 IBC06	B2	MP14		
1385	SODIUM SULPHIDE, ANHYDROUS or SODIUM SULPHIDE with less than 30% water of crystallization	4.2	S4	II	4.2	504	LQ0	P410 IBC06	B2	MP14		
1386	SEED CAKE with more than 1.5% oil and not more than 11% moisture	4.2	S2	III	4.2	36	LQ0	P003 IBC08 LP02 R001	PP20 B3 B6	MP14		
1389	ALKALI METAL AMALGAM	4.3	W2	I	4.3	182 274	LQ0	P402 P403 PR1		MP2		
1390	ALKALI METAL AMIDES	4.3	W2	II	4.3	182 274 505	LQ11	P410 IBC07	B2	MP14		
1391	ALKALI METAL DISPERSION or ALKALINE EARTH METAL DISPERSION	4.3	W1	I	4.3	182 183 274 282 506	LQ0	P402 PR1		MP2		
1392	ALKALINE EARTH METAL AMALGAM	4.3	W2	I	4.3	183 274 506	LQ0	P402 P403 IBC04	B1	MP2		
1393	ALKALINE EARTH METAL ALLOY, N.O.S.	4.3	W2	II	4.3	183 274 506	LQ11	P410 IBC07	B2	MP15		
1394	ALUMINIUM CARBIDE	4.3	W2	II	4.3		LQ11	P410 IBC07	B2	MP14		
1395	ALUMINIUM FERROSILICON POWDER	4.3	WT2	II	4.3 +6.1		LQ11	P410 IBC05	PP40 B2	MP14		
1396	ALUMINIUM POWDER, UNCOATED	4.3	W2	II	4.3		LQ12	P410 IBC07	PP40 B2	MP14		
1396	ALUMINIUM POWDER, UNCOATED	4.3	W2	III	4.3		LQ12	P410 IBC08 R001	B4	MP14		
1397	ALUMINIUM PHOSPHIDE	4.3	WT2	I	4.3 +6.1	507	LQ0	P403		MP2		
1398	ALUMINIUM SILICON POWDER, UNCOATED	4.3	W2	III	4.3	37	LQ12	P410 IBC08 R001	B4	MP14		
1400	BARIUM	4.3	W2	II	4.3		LQ11	P410 IBC07	B2	MP14		
1401	CALCIUM	4.3	W2	II	4.3		LQ11	P410 IBC07	B2	MP14		
1402	CALCIUM CARBIDE	4.3	W2	I	4.3		LQ0	P403 IBC04	B1	MP2		
1402	CALCIUM CARBIDE	4.3	W2	II	4.3		LQ11	P410 IBC07	B2	MP14		
1403	CALCIUM CYANAMIDE with more than 0.1% calcium carbide	4.3	W2	III	4.3	38	LQ12	P410 IBC08 R001	B4	MP14		
1404	CALCIUM HYDRIDE	4.3	W2	I	4.3		LQ0	P403		MP2		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L21DH	TU14 TC1 TE1 TM1	AT	0	V1		CV28	S20	333	1380	PENTABORANE
L10DH(+)	TU14 TU16 TU21 TE3	AT	0	V1		CV28	S20	46	1381	PHOSPHORUS, WHITE or YELLOW, UNDER WATER or IN SOLUTION
L10DH(+)	TU14 TU16 TU21 TE3	AT	0	V1		CV28	S20	46	1381	PHOSPHORUS, WHITE or YELLOW, DRY
SGAN		AT	2	V1				40	1382	POTASSIUM SULPHIDE, ANHYDROUS or POTASSIUM SULPHIDE with less than 30% water of crystallization
			0	V1			S20		1383	PYROPHORIC METAL, N.O.S. or PYROPHORIC ALLOY, N.O.S.
SGAN		AT	2	V1				40	1384	SODIUM DITHIONITE (SODIUM HYDROSULPHITE)
SGAN		AT	2	V1				40	1385	SODIUM SULPHIDE, ANHYDROUS or SODIUM SULPHIDE with less than 30% water of crystallization
		AT	3	V1	VV4			40	1386	SEED CAKE with more than 1.5% oil and not more than 11% moisture
L10BN(+)	TU1 TE5 TT3 TM2	AT	1	V1		CV23		X423	1389	ALKALI METAL AMALGAM
SGAN		AT	0	V1		CV23		423	1390	ALKALI METAL AMIDES
L10BN(+)	TU1 TE5 TT3 TM2	AT	1	V1		CV23		X423	1391	ALKALI METAL DISPERSION or ALKALINE EARTH METAL DISPERSION
L10BN(+)	TU1 TE5 TT3 TM2	AT	1	V1		CV23		X423	1392	ALKALINE EARTH METAL AMALGAM
SGAN		AT	2	V1		CV23		423	1393	ALKALINE EARTH METAL ALLOY, N.O.S.
SGAN		AT	2	V1	VV5	CV23		423	1394	ALUMINIUM CARBIDE
SGAN		AT	2	V1		CV23 CV28		462	1395	ALUMINIUM FERROSILICON POWDER
SGAN		AT	2	V1		CV23		423	1396	ALUMINIUM POWDER, UNCOATED
SGAN			3	V1	VV5	CV23		423	1396	ALUMINIUM POWDER, UNCOATED
			1	V1		CV23 CV28			1397	ALUMINIUM PHOSPHIDE
SGAN		AT	3	V1	VV5	CV23		423	1398	ALUMINIUM SILICON POWDER, UNCOATED
SGAN		AT	2	V1		CV23		423	1400	BARIUM
SGAN		AT	2	V1		CV23		423	1401	CALCIUM
			1	V1		CV23			1402	CALCIUM CARBIDE
SGAN		AT	2	V1	VV5	CV23		423	1402	CALCIUM CARBIDE
SGAN		AT	0	V1		CV23		423	1403	CALCIUM CYANAMIDE with more than 0.1% calcium carbide
			1	V1		CV23			1404	CALCIUM HYDRIDE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1405	CALCIUM SILICIDE	4.3	W2	II	4.3		LQ11	P410 IBC07	B2	MP14		
1405	CALCIUM SILICIDE	4.3	W2	III	4.3		LQ12	P410 IBC08 R001	B4	MP14		
1407	CAESIUM	4.3	W2	I	4.3		LQ0	P403 IBC04	B1	MP2		
1408	FERROSILICON with 30% or more but less than 90% silicon	4.3	WT2	III	4.3 +6.1	39	LQ12	P003 IBC08 R001	PP20 B4	MP14		
1409	METAL HYDRIDES, WATER-REACTIVE, N.O.S.	4.3	W2	I	4.3	222 274 508	LQ0	P403		MP2		
1409	METAL HYDRIDES, WATER-REACTIVE, N.O.S.	4.3	W2	II	4.3	222 274 508	LQ11	P410 IBC04		MP14		
1410	LITHIUM ALUMINIUM HYDRIDE	4.3	W2	I	4.3		LQ0	P403		MP2		
1411	LITHIUM ALUMINIUM HYDRIDE, ETHEREAL	4.3	WF1	I	4.3 +3		LQ0	P402 PR1		MP2		
1413	LITHIUM BOROHYDRIDE	4.3	W2	I	4.3		LQ0	P403		MP2		
1414	LITHIUM HYDRIDE	4.3	W2	I	4.3		LQ0	P403		MP2		
1415	LITHIUM	4.3	W2	I	4.3		LQ0	P403 IBC04	B1	MP2		
1417	LITHIUM SILICON	4.3	W2	II	4.3		LQ11	P410 IBC07	B2	MP14		
1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER	4.3	WS	I	4.3 +4.2		LQ0	P403		MP2		
1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER	4.3	WS	II	4.3 +4.2		LQ11	P410 IBC05	B2	MP14		
1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER	4.3	WS	III	4.3 +4.2		LQ12	P410 IBC08 R001	B4	MP14		
1419	MAGNESIUM ALUMINIUM PHOSPHIDE	4.3	WT2	I	4.3 +6.1		LQ0	P403		MP2		
1420	POTASSIUM METAL ALLOYS	4.3	W2	I	4.3		LQ0	P403 IBC04	B1	MP2		
1421	ALKALI METAL ALLOY, LIQUID, N.O.S.	4.3	W1	I	4.3	182 274	LQ0	P402 PR1		MP2		
1422	POTASSIUM SODIUM ALLOYS	4.3	W2	I	4.3		LQ0	P403 IBC04	B1	MP2	T9	TP3 TP7
1423	RUBIDIUM	4.3	W2	I	4.3		LQ0	P403 IBC04	B1	MP2		
1426	SODIUM BOROHYDRIDE	4.3	W2	I	4.3		LQ0	P403		MP2		
1427	SODIUM HYDRIDE	4.3	W2	I	4.3		LQ0	P403		MP2		
1428	SODIUM	4.3	W2	I	4.3		LQ0	P403 IBC04	B1	MP2	T9	TP3 TP7
1431	SODIUM METHYLATE	4.2	SC4	II	4.2 +8		LQ0	P410 IBC05	B2	MP14		
1432	SODIUM PHOSPHIDE	4.3	WT2	I	4.3 +6.1		LQ0	P403		MP2		
1433	STANNIC PHOSPHIDES	4.3	WT2	I	4.3 +6.1		LQ0	P403		MP2		
1435	ZINC ASHES	4.3	W2	III	4.3		LQ12	P002 IBC08 R001	B4	MP14		
1436	ZINC POWDER or ZINC DUST	4.3	WS	I	4.3 +4.2		LQ0	P403		MP2		
1436	ZINC POWDER or ZINC DUST	4.3	WS	II	4.3 +4.2		LQ11	P410 IBC07	B2	MP14		
1436	ZINC POWDER or ZINC DUST	4.3	WS	III	4.3 +4.2		LQ12	P410 IBC08 R001	B4	MP14		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAN		AT	2	V1		CV23		423	1405	CALCIUM SILICIDE
SGAN		AT	3	V1	VV5	CV23		423	1405	CALCIUM SILICIDE
L10CH(+)	TU2 TU14 TE5 TT3 TM2	AT	1	V1		CV23		X423	1407	CAESIUM
SGAN		AT	3	V1 VV1 VV7		CV23 CV28		462	1408	FERROSILICON with 30% or more but less than 90% silicon
			1	V1		CV23			1409	METAL HYDRIDES, WATER-REACTIVE, N.O.S.
SGAN		AT	2	V1		CV23		423	1409	METAL HYDRIDES, WATER-REACTIVE, N.O.S.
			1	V1		CV23			1410	LITHIUM ALUMINIUM HYDRIDE
			1	V1		CV23			1411	LITHIUM ALUMINIUM HYDRIDE, ETHEREAL
			1	V1		CV23			1413	LITHIUM BOROHYDRIDE
			1	V1		CV23			1414	LITHIUM HYDRIDE
L10BN(+)	TU1 TE5 TT3 TM2	AT	1	V1		CV23		X423	1415	LITHIUM
SGAN		AT	2	V1		CV23		423	1417	LITHIUM SILICON
			1	V1		CV23			1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER
SGAN		AT	2	V1		CV23		423	1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER
SGAN			3	V1	VV5	CV23		423	1418	MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER
			1	V1		CV23 CV28			1419	MAGNESIUM ALUMINIUM PHOSPHIDE
L10BN(+)	TU1 TE5 TT3 TM2	AT	1	V1		CV23		X423	1420	POTASSIUM METAL ALLOYS
L10BN(+)	TU1 TE5 TT3 TM2	AT	1	V1		CV23		X423	1421	ALKALI METAL ALLOY, LIQUID, N.O.S.
L10BN(+)	TU1 TE5 TT3 TM2	AT	1	V1		CV23		X423	1422	POTASSIUM SODIUM ALLOYS
L10CH(+)	TU2 TU14 TE5 TT3 TM2	AT	1	V1		CV23		X423	1423	RUBIDIUM
			1	V1		CV23			1426	SODIUM BOROHYDRIDE
			1	V1		CV23			1427	SODIUM HYDRIDE
L10BN(+)	TU1 TE5 TT3 TM2	AT	1	V1		CV23		X423	1428	SODIUM
SGAN		AT	2	V1				48	1431	SODIUM METHYLATE
			1	V1		CV23 CV28			1432	SODIUM PHOSPHIDE
			1	V1		CV23 CV28			1433	STANNIC PHOSPHIDES
SGAN		AT	3	V1	VV5	CV23		423	1435	ZINC ASHES
			1	V1		CV23			1436	ZINC POWDER or ZINC DUST
SGAN		AT	2	V1		CV23		423	1436	ZINC POWDER or ZINC DUST
SGAN		AT	3	V1	VV5	CV23		423	1436	ZINC POWDER or ZINC DUST

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1437	ZIRCONIUM HYDRIDE	4.1	F3	II	4.1		LQ8	P410 IBC04	PP40	MP11		
1438	ALUMINIUM NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
1439	AMMONIUM DICHROMATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B2 B4	MP2		
1442	AMMONIUM PERCHLORATE	5.1	O2	II	5.1	152	LQ10	P002 IBC06	B2	MP2		
1444	AMMONIUM PERSULPHATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
1445	BARIUM CHLORATE	5.1	OT2	II	5.1 +6.1		LQ11	P002 IBC06	B2	MP2	T4	TP1
1446	BARIUM NITRATE	5.1	OT2	II	5.1 +6.1		LQ11	P002 IBC08	B2 B4	MP2		
1447	BARIUM PERCHLORATE	5.1	OT2	II	5.1 +6.1		LQ11	P002 IBC06	B2	MP2	T4	TP1
1448	BARIUM PERMANGANATE	5.1	OT2	II	5.1 +6.1		LQ11	P002 IBC06	B2	MP2		
1449	BARIUM PEROXIDE	5.1	OT2	II	5.1 +6.1		LQ11	P002 IBC06	B2	MP2		
1450	BROMATES, INORGANIC, N.O.S.	5.1	O2	II	5.1	274 604	LQ11	P002 IBC08	B2 B4	MP2		
1451	CAESIUM NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
1452	CALCIUM CHLORATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B2 B4	MP2		
1453	CALCIUM CHLORITE	5.1	O2	II	5.1		LQ11	P002 IBC08	B2 B4	MP2		
1454	CALCIUM NITRATE	5.1	O2	III	5.1	208	LQ12	P002 IBC08 LP02 R001	B3	MP10		
1455	CALCIUM PERCHLORATE	5.1	O2	II	5.1		LQ11	P002 IBC06	B2	MP2		
1456	CALCIUM PERMANGANATE	5.1	O2	II	5.1		LQ11	P002 IBC06	B2	MP2		
1457	CALCIUM PEROXIDE	5.1	O2	II	5.1		LQ11	P002 IBC06	B2	MP2		
1458	CHLORATE AND BORATE MIXTURE	5.1	O2	II	5.1		LQ11	P002 IBC08	B2 B4	MP2		
1458	CHLORATE AND BORATE MIXTURE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP2		
1459	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE	5.1	O2	II	5.1		LQ11	P002 IBC08	B2 B4	MP2	T4	TP1
1459	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP2	T4	TP1
1461	CHLORATES, INORGANIC, N.O.S.	5.1	O2	II	5.1	274 605	LQ11	P002 IBC06	B2	MP2		
1462	CHLORITES, INORGANIC, N.O.S.	5.1	O2	II	5.1	274 509 606	LQ11	P002 IBC06	B2	MP2		
1463	CHROMIUM TRIOXIDE, ANHYDROUS	5.1	OC2	II	5.1+8	510	LQ11	P002 IBC08	B4	MP2		
1465	DIDYMIUM NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAN		AT	2					40	1437	ZIRCONIUM HYDRIDE
SGAV	TU3	AT	3		VW08	CV24		50	1438	ALUMINIUM NITRATE
SGAN	TU3	AT	2			CV24		50	1439	AMMONIUM DICHROMATE
		AT	2	V6	VV8	CV24		50	1442	AMMONIUM PERCHLORATE
SGAV	TU3	AT	3		VV8	CV24		50	1444	AMMONIUM PERSULPHATE
SGAN	TU3	AT	2			CV24 CV28		56	1445	BARIUM CHLORATE
SGAN	TU3	AT	2			CV24 CV28		56	1446	BARIUM NITRATE
SGAN	TU3	AT	2			CV24 CV28		56	1447	BARIUM PERCHLORATE
SGAN	TU3	AT	2			CV24 CV28		56	1448	BARIUM PERMANGANATE
SGAN	TU3	AT	2			CV24 CV28		56	1449	BARIUM PEROXIDE
SGAV	TU3	AT	2		VV8	CV24		50	1450	BROMATES, INORGANIC, N.O.S.
SGAV	TU3	AT	3		VV8	CV24		50	1451	CAESIUM NITRATE
SGAV	TU3	AT	2		VV8	CV24		50	1452	CALCIUM CHLORATE
SGAN	TU3	AT	2			CV24		50	1453	CALCIUM CHLORITE
SGAV	TU3	AT	3		VV8	CV24		50	1454	CALCIUM NITRATE
SGAV	TU3	AT	2		VV8	CV24		50	1455	CALCIUM PERCHLORATE
SGAN	TU3	AT	2			CV24		50	1456	CALCIUM PERMANGANATE
SGAN	TU3	AT	2			CV24		50	1457	CALCIUM PEROXIDE
SGAV	TU3	AT	2		VV8	CV24		50	1458	CHLORATE AND BORATE MIXTURE
SGAV	TU3		3		VV8	CV24		50	1458	CHLORATE AND BORATE MIXTURE
SGAV	TU3	AT	2		VV8	CV24		50	1459	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE
SGAV	TU3		3		VV8	CV24		50	1459	CHLORATE AND MAGNESIUM CHLORIDE MIXTURE
SGAV	TU3	AT	2		VV8	CV24		50	1461	CHLORATES, INORGANIC, N.O.S.
SGAN	TU3	AT	2			CV24		50	1462	CHLORITES, INORGANIC, N.O.S.
SGAN	TU3	AT	2			CV24		58	1463	CHROMIUM TRIOXIDE, ANHYDROUS
SGAV	TU3	AT	3		VV8	CV24		50	1465	DIDYMIUM NITRATE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1466	FERRIC NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
1467	GUANIDINE NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
1469	LEAD NITRATE	5.1	OT2	II	5.1 +6.1		LQ11	P002 IBC08	B2 B4	MP2		
1470	LEAD PERCHLORATE	5.1	OT2	II	5.1 +6.1		LQ11	P002 IBC06	B2	MP2	T4	TP1
1471	LITHIUM HYPOCHLORITE, DRY or LITHIUM HYPOCHLORITE MIXTURE	5.1	O2	II	5.1		LQ11	P002 IBC08	B2 B4	MP10		
1472	LITHIUM PEROXIDE	5.1	O2	II	5.1		LQ11	P002 IBC06	B2	MP2		
1473	MAGNESIUM BROMATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B4	MP2		
1474	MAGNESIUM NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
1475	MAGNESIUM PERCHLORATE	5.1	O2	II	5.1		LQ11	P002 IBC06	B2	MP2		
1476	MAGNESIUM PEROXIDE	5.1	O2	II	5.1		LQ11	P002 IBC06	B2	MP2		
1477	NITRATES, INORGANIC, N.O.S.	5.1	O2	II	5.1	274 511	LQ11	P002 IBC08	B2 B4	MP10		
1477	NITRATES, INORGANIC, N.O.S.	5.1	O2	III	5.1	274 511	LQ12	P002 IBC08 LP02 R001	B3	MP10		
1479	OXIDIZING SOLID, N.O.S.	5.1	O2	I	5.1	274	LQ0	P503 IBC05	B1	MP2		
1479	OXIDIZING SOLID, N.O.S.	5.1	O2	II	5.1	274	LQ11	P002 IBC08	B2 B4	MP2		
1479	OXIDIZING SOLID, N.O.S.	5.1	O2	III	5.1	274	LQ12	P002 IBC08 LP02 R001	B3	MP2		
1481	PERCHLORATES, INORGANIC, N.O.S.	5.1	O2	II	5.1	274	LQ11	P002 IBC06	B2	MP2		
1481	PERCHLORATES, INORGANIC, N.O.S.	5.1	O2	III	5.1	274	LQ12	P002 IBC08 LP02 R001	B3	MP2		
1482	PERMANGANATES, INORGANIC, N.O.S.	5.1	O2	II	5.1	274 608	LQ11	P002 IBC06	B2	MP2		
1482	PERMANGANATES, INORGANIC, N.O.S.	5.1	O2	III	5.1	274 608	LQ12	P002 IBC08 LP02 R001	B3	MP2		
1483	PEROXIDES, INORGANIC, N.O.S.	5.1	O2	II	5.1	274	LQ11	P002 IBC06	B2	MP2		
1483	PEROXIDES, INORGANIC, N.O.S.	5.1	O2	III	5.1	274	LQ12	P002 IBC08 LP02 R001	B3	MP2		
1484	POTASSIUM BROMATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B4	MP2		
1485	POTASSIUM CHLORATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B4	MP2		
1486	POTASSIUM NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAV	TU3	AT	3		VV8	CV24		50	1466	FERRIC NITRATE
SGAV	TU3	AT	3		VV8	CV24		50	1467	GUANIDINE NITRATE
SGAN	TU3	AT	2			CV24 CV28		56	1469	LEAD NITRATE
SGAN	TU3	AT	2			CV24 CV28		56	1470	LEAD PERCHLORATE
SGAN	TU3	AT	2			CV24		50	1471	LITHIUM HYPOCHLORITE, DRY or LITHIUM HYPOCHLORITE MIXTURE
SGAN	TU3	AT	2			CV24		50	1472	LITHIUM PEROXIDE
SGAV	TU3	AT	2		VV8	CV24		50	1473	MAGNESIUM BROMATE
SGAV	TU3	AT	3		VV8	CV24		50	1474	MAGNESIUM NITRATE
SGAV	TU3	AT	2		VV8	CV24		50	1475	MAGNESIUM PERCHLORATE
SGAN	TU3	AT	2			CV24		50	1476	MAGNESIUM PEROXIDE
SGAN	TU3	AT	2			CV24		50	1477	NITRATES, INORGANIC, N.O.S.
SGAV	TU3	AT	3		VV8	CV24		50	1477	NITRATES, INORGANIC, N.O.S.
			1			CV24			1479	OXIDIZING SOLID, N.O.S.
SGAN	TU3	AT	2			CV24		50	1479	OXIDIZING SOLID, N.O.S.
SGAN	TU3	AT	3			CV24		50	1479	OXIDIZING SOLID, N.O.S.
SGAV	TU3	AT	2		VV8	CV24		50	1481	PERCHLORATES, INORGANIC, N.O.S.
SGAV	TU3		3		VV8	CV24		50	1481	PERCHLORATES, INORGANIC, N.O.S.
SGAN	TU3	AT	2			CV24		50	1482	PERMANGANATES, INORGANIC, N.O.S.
SGAN	TU3		3			CV24		50	1482	PERMANGANATES, INORGANIC, N.O.S.
SGAN	TU3	AT	2			CV24		50	1483	PEROXIDES, INORGANIC, N.O.S.
SGAN	TU3		3			CV24		50	1483	PEROXIDES, INORGANIC, N.O.S.
SGAV	TU3	AT	2		VV8	CV24		50	1484	POTASSIUM BROMATE
SGAV	TU3	AT	2		VV8	CV24		50	1485	POTASSIUM CHLORATE
SGAV	TU3	AT	3		VV8	CV24		50	1486	POTASSIUM NITRATE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	**(2)**	**(3a)**	**(3b)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9a)**	**(9b)**	**(10)**	**(11)**
1487	POTASSIUM NITRATE AND SODIUM NITRITE MIXTURE	5.1	O2	II	5.1	607	LQ11	P002 IBC08	B4	MP10		
1488	POTASSIUM NITRITE	5.1	O2	II	5.1		LQ11	P002 IBC08	B4	MP10		
1489	POTASSIUM PERCHLORATE	5.1	O2	II	5.1		LQ11	P002 IBC06	B2	MP2		
1490	POTASSIUM PERMANGANATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B4	MP2		
1491	POTASSIUM PEROXIDE	5.1	O2	I	5.1		LQ0	P503 IBC06	B1	MP2		
1492	POTASSIUM PERSULPHATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
1493	SILVER NITRATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B4	MP10		
1494	SODIUM BROMATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B4	MP2		
1495	SODIUM CHLORATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B4	MP2		
1496	SODIUM CHLORITE	5.1	O2	II	5.1		LQ11	P002 IBC08	B2 B4	MP2		
1498	SODIUM NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
1499	SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
1500	SODIUM NITRITE	5.1	OT2	III	5.1 +6.1		LQ12	P002 IBC08 R001	B3	MP10		
1502	SODIUM PERCHLORATE	5.1	O2	II	5.1		LQ11	P002 IBC06	B2	MP2		
1503	SODIUM PERMANGANATE	5.1	O2	II	5.1		LQ11	P002 IBC06	B2	MP2		
1504	SODIUM PEROXIDE	5.1	O2	I	5.1		LQ0	P503 IBC05	B1	MP2		
1505	SODIUM PERSULPHATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
1506	STRONTIUM CHLORATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B2 B4	MP2		
1507	STRONTIUM NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
1508	STRONTIUM PERCHLORATE	5.1	O2	II	5.1		LQ11	P002 IBC06	B2	MP2		
1509	STRONTIUM PEROXIDE	5.1	O2	II	5.1		LQ11	P002 IBC06	B2	MP2		
1510	TETRANITROMETHANE	5.1	OT1	I	5.1 +6.1	609	LQ0	P602		MP2		
1511	UREA HYDROGEN PEROXIDE	5.1	OC2	III	5.1 +8		LQ12	P002 IBC08 R001	B3	MP2		
1512	ZINC AMMONIUM NITRITE	5.1	O2	II	5.1		LQ11	P002 IBC08	B4	MP10		
1513	ZINC CHLORATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B2 B4	MP2		
1514	ZINC NITRATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B4	MP10		
1515	ZINC PERMANGANATE	5.1	O2	II	5.1		LQ11	P002 IBC06	B2	MP2		
1516	ZINC PEROXIDE	5.1	O2	II	5.1		LQ11	P002 IBC06	B2	MP2		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAV	TU3	AT	2		VV8	CV24		50	1487	POTASSIUM NITRATE AND SODIUM NITRITE MIXTURE
SGAV	TU3	AT	2		VV8	CV24		50	1488	POTASSIUM NITRITE
SGAV	TU3	AT	2		VV8	CV24		50	1489	POTASSIUM PERCHLORATE
SGAN	TU3	AT	2			CV24		50	1490	POTASSIUM PERMANGANATE
			1			CV24			1491	POTASSIUM PEROXIDE
SGAV	TU3	AT	3		VV8	CV24		50	1492	POTASSIUM PERSULPHATE
SGAV	TU3	AT	2		VV8	CV24		50	1493	SILVER NITRATE
SGAV	TU3	AT	2		VV8	CV24		50	1494	SODIUM BROMATE
SGAV	TU3	AT	2		VV8	CV24		50	1495	SODIUM CHLORATE
SGAN	TU3	AT	2			CV24		50	1496	SODIUM CHLORITE
SGAV	TU3	AT	3		VV8	CV24		50	1498	SODIUM NITRATE
SGAV	TU3	AT	3		VV8	CV24		50	1499	SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE
SGAN	TU3	AT	3			CV24 CV28		56	1500	SODIUM NITRITE
SGAV	TU3	AT	2		VV8	CV24		50	1502	SODIUM PERCHLORATE
SGAN	TU3		2			CV24		50	1503	SODIUM PERMANGANATE
			1			CV24			1504	SODIUM PEROXIDE
SGAV	TU3	AT	3		VV8	CV24		50	1505	SODIUM PERSULPHATE
SGAV	TU3	AT	2		VV8	CV24		50	1506	STRONTIUM CHLORATE
SGAV	TU3	AT	3		VV8	CV24		50	1507	STRONTIUM NITRATE
SGAV	TU3	AT	2		VV8	CV24		50	1508	STRONTIUM PERCHLORATE
SGAN	TU3	AT	2			CV24		50	1509	STRONTIUM PEROXIDE
L4BN	TU3 TU28	AT	1	V5		CV24 CV28		559	1510	TETRANITROMETHANE
SGAN	TU3	AT	3			CV24		58	1511	UREA HYDROGEN PEROXIDE
SGAN	TU3	AT	2			CV24		50	1512	ZINC AMMONIUM NITRITE
SGAV	TU3	AT	2		VV8	CV24		50	1513	ZINC CHLORATE
SGAN	TU3	AT	2			CV24		50	1514	ZINC NITRATE
SGAN	TU3	AT	2			CV24		50	1515	ZINC PERMANGANATE
SGAN	TU3	AT	2			CV24		50	1516	ZINC PEROXIDE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1517	ZIRCONIUM PICRAMATE, WETTED with not less than 20% water, by mass	4.1	D	I	4.1		LQ0	P406	PP26	MP2		
1541	ACETONE CYANOHYDRIN, STABILIZED	6.1	T1	I	6.1		LQ0	P602		MP8 MP17	T14	TP2 TP13
1544	ALKALOIDS, SOLID, N.O.S. or ALKALOID SALTS, SOLID, N.O.S.	6.1	T2	I	6.1	43 274	LQ0	P002 IBC07	B1	MP18		
1544	ALKALOIDS, SOLID, N.O.S. or ALKALOID SALTS, SOLID, N.O.S.	6.1	T2	II	6.1	43 274	LQ18	P002 IBC08	B2 B4	MP10		
1544	ALKALOIDS, SOLID, N.O.S. or ALKALOID SALTS, SOLID, N.O.S.	6.1	T2	III	6.1	43 274	LQ9	P002 IBC08 LP02 R001	B3	MP10		
1545	ALLYL ISOTHIOCYANATE, STABILIZED	6.1	TF1	II	6.1 +3		LQ17	P001 IBC02		MP15	T7	TP2
1546	AMMONIUM ARSENATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1547	ANILINE	6.1	T1	II	6.1	279	LQ17	P001 IBC02		MP15	T7	TP2
1548	ANILINE HYDROCHLORIDE	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
1549	ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.	6.1	T5	III	6.1	45 274 512	LQ9	P002 IBC08 LP02 R001	B3	MP10		
1550	ANTIMONY LACTATE	6.1	T5	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
1551	ANTIMONY POTASSIUM TARTRATE	6.1	T5	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
1553	ARSENIC ACID, LIQUID	6.1	T4	I	6.1		LQ0	P001		MP8 MP17	T20	TP2 TP7 TP13
1554	ARSENIC ACID, SOLID	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1555	ARSENIC BROMIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1556	ARSENIC COMPOUND, LIQUID, N.O.S., inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	T4	I	6.1	43 274	LQ0	P001		MP8 MP17		
1556	ARSENIC COMPOUND, LIQUID, N.O.S., inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	T4	II	6.1	43 274	LQ17	P001 IBC02		MP15		
1556	ARSENIC COMPOUND, LIQUID, N.O.S., inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	T4	III	6.1	43 274	LQ19	P001 IBC03 LP01 R001		MP15		
1557	ARSENIC COMPOUND, SOLID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	T5	I	6.1	43 274	LQ0	P002 IBC07	B1	MP18		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1				S17		1517	ZIRCONIUM PICRAMATE, WETTED with not less than 20% water, by mass
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	669	1541	ACETONE CYANOHYDRIN, STABILIZED
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1544	ALKALOIDS, SOLID, N.O.S. or ALKALOID SALTS, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1544	ALKALOIDS, SOLID, N.O.S. or ALKALOID SALTS, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1544	ALKALOIDS, SOLID, N.O.S. or ALKALOID SALTS, SOLID, N.O.S.
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	639	1545	ALLYL ISOTHIOCYANATE, STABILIZED
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1546	AMMONIUM ARSENATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1547	ANILINE
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1548	ANILINE HYDROCHLORIDE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1549	ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1550	ANTIMONY LACTATE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1551	ANTIMONY POTASSIUM TARTRATE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1553	ARSENIC ACID, LIQUID
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1554	ARSENIC ACID, SOLID
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1555	ARSENIC BROMIDE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1556	ARSENIC COMPOUND, LIQUID, N.O.S., inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1556	ARSENIC COMPOUND, LIQUID, N.O.S., inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	1556	ARSENIC COMPOUND, LIQUID, N.O.S., inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1557	ARSENIC COMPOUND, SOLID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	**(2)**	**(3a)**	**(3b)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9a)**	**(9b)**	**(10)**	**(11)**
1557	ARSENIC COMPOUND, SOLID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	T5	II	6.1	43 274	LQ18	P002 IBC08	B2 B4	MP10		
1557	ARSENIC COMPOUND, SOLID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	6.1	T5	III	6.1	43 274	LQ9	P002 IBC08 LP02 R001	B3	MP10		
1558	ARSENIC	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1559	ARSENIC PENTOXIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1560	ARSENIC TRICHLORIDE	6.1	T4	I	6.1		LQ0	P602		MP18	T14	TP2 TP13
1561	ARSENIC TRIOXIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1562	ARSENICAL DUST	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1564	BARIUM COMPOUND, N.O.S.	6.1	T5	II	6.1	177 274 513 587	LQ18	P002 IBC08	B2 B4	MP10		
1564	BARIUM COMPOUND, N.O.S.	6.1	T5	III	6.1	177 274 513 587	LQ9	P002 IBC08 LP02 R001	B3	MP10		
1565	BARIUM CYANIDE	6.1	T5	I	6.1		LQ0	P002 IBC07	B1	MP18		
1566	BERYLLIUM COMPOUND, N.O.S.	6.1	T5	II	6.1	274 514	LQ18	P002 IBC08	B2 B4	MP10		
1566	BERYLLIUM COMPOUND, N.O.S.	6.1	T5	III	6.1	274 514	LQ9	P002 IBC08 LP02 R001	B3	MP10		
1567	BERYLLIUM POWDER	6.1	TF3	II	6.1 +4.1		LQ18	P002 IBC08	B2 B4	MP10		
1569	BROMOACETONE	6.1	TF1	II	6.1 +3		LQ17	P602		MP15	T10	TP2 TP13
1570	BRUCINE	6.1	T2	I	6.1	43	LQ0	P002 IBC07	B1	MP18		
1571	BARIUM AZIDE, WETTED with not less than 50% water, by mass	4.1	DT	I	4.1 +6.1	568	LQ0	P406		MP2		
1572	CACODYLIC ACID	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1573	CALCIUM ARSENATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1574	CALCIUM ARSENATE AND CALCIUM ARSENITE MIXTURE, SOLID	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1575	CALCIUM CYANIDE	6.1	T5	I	6.1		LQ0	P002 IBC07	B1	MP18		
1577	CHLORODINITROBENZENES, LIQUID	6.1	T1	II	6.1	279	LQ17	P001 IBC02		MP15	T7	TP2
1577	CHLORODINITROBENZENES, SOLID	6.1	T2	II	6.1	279	LQ18	P002 IBC08	B2 B4	MP10	T7	TP2
1578	CHLORONITROBENZENES, liquid	6.1	T1	II	6.1	279	LQ17	P001 IBC02		MP15	T7	TP2
1578	CHLORONITROBENZENES, solid	6.1	T2	II	6.1	279	LQ18	P002 IBC08	B2 B4	MP10	T7	TP2

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1557	ARSENIC COMPOUND, SOLID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1557	ARSENIC COMPOUND, SOLID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1558	ARSENIC
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1559	ARSENIC PENTOXIDE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1560	ARSENIC TRICHLORIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1561	ARSENIC TRIOXIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1562	ARSENICAL DUST
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1564	BARIUM COMPOUND, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9a	CV13 CV28	S9	60	1564	BARIUM COMPOUND, N.O.S.
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1565	BARIUM CYANIDE
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1566	BERYLLIUM COMPOUND, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1566	BERYLLIUM COMPOUND, N.O.S.
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	64	1567	BERYLLIUM POWDER
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	1569	BROMOACETONE
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1570	BRUCINE
			1			CV28	S17		1571	BARIUM AZIDE, WETTED with not less than 50% water, by mass
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1572	CACODYLIC ACID
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1573	CALCIUM ARSENATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1574	CALCIUM ARSENATE AND CALCIUM ARSENITE MIXTURE, SOLID
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1575	CALCIUM CYANIDE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1577	CHLORODINITROBENZENES, LIQUID
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1577	CHLORODINITROBENZENES, SOLID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1578	CHLORONITROBENZENES, liquid
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1578	CHLORONITROBENZENES, solid

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1579	4-CHLORO-o-TOLUIDINE HYDROCHLORIDE	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
1580	CHLOROPICRIN	6.1	T1	I	6.1		LQ0	P602		MP8 MP17	T14	TP2 TP13
1581	CHLOROPICRIN AND METHYL BROMIDE MIXTURE	2	2T		2.3		LQ0	P200		MP9	T50	
1582	CHLOROPICRIN AND METHYL CHLORIDE MIXTURE	2	2T		2.3		LQ0	P200		MP9	T50	
1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1	T1	I	6.1	274 515	LQ0	P602		MP8 MP17		
1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1	T1	II	6.1	274 515	LQ17	P001 IBC02		MP15		
1583	CHLOROPICRIN MIXTURE, N.O.S.	6.1	T1	III	6.1	274 515	LQ19	P001 IBC03 LP01 R001		MP15		
1585	COPPER ACETOARSENITE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1586	COPPER ARSENITE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1587	COPPER CYANIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1588	CYANIDES, INORGANIC, SOLID, N.O.S.	6.1	T5	I	6.1	47 274	LQ0	P002 IBC07	B1	MP18		
1588	CYANIDES, INORGANIC, SOLID, N.O.S.	6.1	T5	II	6.1	47 274	LQ18	P002 IBC08	B2 B4	MP10		
1588	CYANIDES, INORGANIC, SOLID, N.O.S.	6.1	T5	III	6.1	47 274	LQ9	P002 IBC08 LP02 R001	B3	MP10		
1589	CYANOGEN CHLORIDE, STABILIZED	2	2TC		2.3+8		LQ0	P200		MP9		
1590	DICHLOROANILINES, LIQUID	6.1	T1	II	6.1	279	LQ17	P001 IBC02		MP15	T7	TP2
1590	DICHLOROANILINES, SOLID	6.1	T2	II	6.1	279	LQ18	P002 IBC08	B2 B4	MP10		
1591	o-DICHLOROBENZENE	6.1	T1	III	6.1	279	LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1593	DICHLOROMETHANE	6.1	T1	III	6.1	516	LQ19	P001 IBC03 LP01 R001	B8	MP15	T7	TP2
1594	DIETHYL SULPHATE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
1595	DIMETHYL SULPHATE	6.1	TC1	I	6.1+8		LQ0	P602		MP8 MP17	T14	TP2 TP13
1596	DINITROANILINES	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10	T7	TP2
1597	DINITROBENZENES, LIQUID	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
1597	DINITROBENZENES, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1598	DINITRO-o-CRESOL	6.1	T2	II	6.1	43	LQ18	P002 IBC08	B2 B4	MP15	T7	TP2
1599	DINITROPHENOL SOLUTION	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1579	4-CHLORO-o-TOLUIDINE HYDROCHLORIDE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1580	CHLOROPICRIN
PxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	26	1581	CHLOROPICRIN AND METHYL BROMIDE MIXTURE
PxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	26	1582	CHLOROPICRIN AND METHYL CHLORIDE MIXTURE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1583	CHLOROPICRIN MIXTURE, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1583	CHLOROPICRIN MIXTURE, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	1583	CHLOROPICRIN MIXTURE, N.O.S.
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1585	COPPER ACETOARSENITE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1586	COPPER ARSENITE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1587	COPPER CYANIDE
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1588	CYANIDES, INORGANIC, SOLID, N.O.S.
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1588	CYANIDES, INORGANIC, SOLID, N.O.S.
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1588	CYANIDES, INORGANIC, SOLID, N.O.S.
			1	V7		CV9 CV10	S7 S17		1589	CYANOGEN CHLORIDE, STABILIZED
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1590	DICHLOROANILINES, LIQUID
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1590	DICHLOROANILINES, SOLID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	1591	o-DICHLOROBENZENE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	1593	DICHLOROMETHANE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1594	DIETHYL SULPHATE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	668	1595	DIMETHYL SULPHATE
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1596	DINITROANILINES
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1597	DINITROBENZENES, LIQUID
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1597	DINITROBENZENES, SOLID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1598	DINITRO-o-CRESOL
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1599	DINITROPHENOL SOLUTION

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1599	DINITROPHENOL SOLUTION	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1600	DINITROTOLUENES, MOLTEN	6.1	T1	II	6.1		LQ0				T7	TP3
1601	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	T2	I	6.1	274	LQ0	P002 IBC07	B1	MP18		
1601	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	T2	II	6.1	274	LQ18	P002 IBC08	B2 B4	MP10		
1601	DISINFECTANT, SOLID, TOXIC, N.O.S.	6.1	T2	III	6.1	274	LQ9	P002 IBC08 LP02 R001	B3	MP10		
1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	6.1	T1	I	6.1	274	LQ0	P001		MP8 MP17		
1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	6.1	T1	II	6.1	274	LQ17	P001 IBC02		MP15		
1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	6.1	T1	III	6.1	274	LQ19	P001 IBC03 LP01 R001		MP15		
1603	ETHYL BROMOACETATE	6.1	TF1	II	6.1+3		LQ17	P001 IBC02		MP15	T7	TP2
1604	ETHYLENEDIAMINE	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2
1605	ETHYLENE DIBROMIDE	6.1	T1	I	6.1		LQ0	P601 PR3		MP8 MP17	T14	TP2 TP13
1606	FERRIC ARSENATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1607	FERRIC ARSENITE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1608	FERROUS ARSENATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1611	HEXAETHYL TETRAPHOSPHATE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15		
1612	HEXAETHYL TETRAPHOSPHATE AND COMPRESSED GAS MIXTURE	2	1T		2.3		LQ0	P200		MP9		
1613	HYDROCYANIC ACID, AQUEOUS SOLUTION (HYDROGEN CYANIDE, AQUEOUS SOLUTION) with not more than 20% hydrogen cyanide	6.1	TF1	I	6.1+3	48	LQ0	P601 PR3		MP8 MP17	T14	TP2 TP13
1614	HYDROGEN CYANIDE, STABILIZED, containing less than 3% water and absorbed in a porous inert material	6.1	TF1	I	6.1+3	603	LQ0	P200		MP2		
1616	LEAD ACETATE	6.1	T5	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
1617	LEAD ARSENATES	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1618	LEAD ARSENITES	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1620	LEAD CYANIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1621	LONDON PURPLE	6.1	T5	II	6.1	43	LQ18	P002 IBC08	B2 B4	MP10		
1622	MAGNESIUM ARSENATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	1599	DINITROPHENOL SOLUTION
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1600	DINITROTOLUENES, MOLTEN
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1601	DISINFECTANT, SOLID, TOXIC, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1601	DISINFECTANT, SOLID, TOXIC, N.O.S.
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1601	DISINFECTANT, SOLID, TOXIC, N.O.S.
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	1602	DYE, LIQUID, TOXIC, N.O.S. or DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	1603	ETHYL BROMOACETATE
L4BN		FL	2				S2	83	1604	ETHYLENEDIAMINE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1605	ETHYLENE DIBROMIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1606	FERRIC ARSENATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1607	FERRIC ARSENITE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1608	FERROUS ARSENATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1611	HEXAETHYL TETRAPHOSPHATE
CxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	26	1612	HEXAETHYL TETRAPHOSPHATE AND COMPRESSED GAS MIXTURE
L15DH(+)	TU14 TU15 TE1 TE19	FL	0			CV1 CV13 CV28	S2 S9 S17	663	1613	HYDROCYANIC ACID, AQUEOUS SOLUTION (HYDROGEN CYANIDE, AQUEOUS SOLUTION) with not more than 20% hydrogen cyanide
	TE19		0			CV1 CV13 CV28	S2 S9 S10 S17		1614	HYDROGEN CYANIDE, STABILIZED, containing less than 3% water and absorbed in a porous inert material
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1616	LEAD ACETATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1617	LEAD ARSENATES
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1618	LEAD ARSENITES
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1620	LEAD CYANIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1621	LONDON PURPLE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1622	MAGNESIUM ARSENATE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1623	MERCURIC ARSENATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1624	MERCURIC CHLORIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1625	MERCURIC NITRATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1626	MERCURIC POTASSIUM CYANIDE	6.1	T5	I	6.1		LQ0	P002 IBC07	B1	MP18		
1627	MERCUROUS NITRATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1629	MERCURY ACETATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1630	MERCURY AMMONIUM CHLORIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1631	MERCURY BENZOATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1634	MERCURY BROMIDES	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1636	MERCURY CYANIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1637	MERCURY GLUCONATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1638	MERCURY IODIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1639	MERCURY NUCLEATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1640	MERCURY OLEATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1641	MERCURY OXIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1642	MERCURY OXYCYANIDE, DESENSITIZED	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1643	MERCURY POTASSIUM IODIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1644	MERCURY SALICYLATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1645	MERCURY SULPHATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1646	MERCURY THIOCYANATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1647	METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURE, LIQUID	6.1	T1	I	6.1		LQ0	P602		MP8 MP17		
1648	ACETONITRILE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T7	TP2
1649	MOTOR FUEL ANTI-KNOCK MIXTURE	6.1	T3	I	6.1	162	LQ0	P602		MP8 MP17	T14	TP2 TP13
1650	beta-NAPHTHYLAMINE	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10	T7	TP2
1651	NAPHTHYLTHIOUREA	6.1	T2	II	6.1	43	LQ18	P002 IBC08	B2 B4	MP10		
1652	NAPHTHYLUREA	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1653	NICKEL CYANIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1654	NICOTINE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15		
1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.	6.1	T2	I	6.1	43 274	LQ0	P002 IBC07	B1	MP18		
1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.	6.1	T2	II	6.1	43 274	LQ18	P002 IBC08	B2 B4	MP10		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1623	MERCURIC ARSENATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1624	MERCURIC CHLORIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1625	MERCURIC NITRATE
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1626	MERCURIC POTASSIUM CYANIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1627	MERCUROUS NITRATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1629	MERCURY ACETATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1630	MERCURY AMMONIUM CHLORIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1631	MERCURY BENZOATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1634	MERCURY BROMIDES
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1636	MERCURY CYANIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1637	MERCURY GLUCONATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1638	MERCURY IODIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1639	MERCURY NUCLEATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1640	MERCURY OLEATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1641	MERCURY OXIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1642	MERCURY OXYCYANIDE, DESENSITIZED
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1643	MERCURY POTASSIUM IODIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1644	MERCURY SALICYLATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1645	MERCURY SULPHATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1646	MERCURY THIOCYANATE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1647	METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURE, LIQUID
LGBF		FL	2				S2 S20	33	1648	ACETONITRILE
L10CH	TU14 TU15 TE1 TT6 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1649	MOTOR FUEL ANTI-KNOCK MIXTURE
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1650	beta-NAPHTHYLAMINE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1651	NAPHTHYLTHIOUREA
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1652	NAPHTHYLUREA
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1653	NICKEL CYANIDE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1654	NICOTINE
S10AH L10CH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.	6.1	T2	III	6.1	43 274	LQ9	P002 IBC08 LP02 R001	B3	MP10		
1656	NICOTINE HYDROCHLORIDE, liquid or NICOTINE HYDROCHLORIDE SOLUTION	6.1	T1	II	6.1	43	LQ17	P001 IBC02		MP15		
1656	NICOTINE HYDROCHLORIDE, solid	6.1	T2	II	6.1	43	LQ18	P001 IBC02		MP10		
1657	NICOTINE SALICYLATE	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1658	NICOTINE SULPHATE, SOLUTION	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
1658	NICOTINE SULPHATE, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1659	NICOTINE TARTRATE	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1660	NITRIC OXIDE, COMPRESSED	2	1TOC		2.3 +5.1 +8		LQ0	P200		MP9		
1661	NITROANILINES (o-, m-, p-)	6.1	T2	II	6.1	279	LQ18	P002 IBC08	B2 B4	MP10	T7	TP2
1662	NITROBENZENE	6.1	T1	II	6.1	279	LQ17	P001 IBC02		MP15	T7	TP2
1663	NITROPHENOLS (o-, m-, p-)	6.1	T2	III	6.1	279	LQ9	P002 IBC08 LP02 R001	B3	MP10	T4	TP3
1664	NITROTOLUENES, LIQUID	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
1664	NITROTOLUENES, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1665	NITROXYLENES, LIQUID	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
1665	NITROXYLENES, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1669	PENTACHLOROETHANE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
1670	PERCHLOROMETHYL MERCAPTAN	6.1	T1	I	6.1		LQ0	P602		MP8 MP17	T14	TP2 TP13
1671	PHENOL, SOLID	6.1	T2	II	6.1	279	LQ18	P002 IBC08	B2 B4	MP10	T6	TP2
1672	PHENYLCARBYLAMINE CHLORIDE	6.1	T1	I	6.1		LQ0	P602		MP8 MP17	T14	TP2 TP13
1673	PHENYLENEDIAMINES (o-, m-, p-)	6.1	T2	III	6.1	279	LQ9	P002 IBC08 LP02 R001	B3	MP10	T7	TP1
1674	PHENYLMERCURIC ACETATE	6.1	T3	II	6.1	43	LQ18	P002 IBC08	B2 B4	MP10		
1677	POTASSIUM ARSENATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1678	POTASSIUM ARSENITE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1679	POTASSIUM CUPROCYANIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1680	POTASSIUM CYANIDE	6.1	T5	I	6.1		LQ0	P002 IBC07	B1	MP18	T14	TP2 TP13
1683	SILVER ARSENITE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1684	SILVER CYANIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1685	SODIUM ARSENATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1655	NICOTINE COMPOUND, SOLID, N.O.S. or NICOTINE PREPARATION, SOLID, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1656	NICOTINE HYDROCHLORIDE, liquid or NICOTINE HYDROCHLORIDE SOLUTION
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1656	NICOTINE HYDROCHLORIDE, solid
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1657	NICOTINE SALICYLATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1658	NICOTINE SULPHATE, SOLUTION
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1658	NICOTINE SULPHATE, SOLID
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1659	NICOTINE TARTRATE
			1	V7		CV9 CV10	S7 S17		1660	NITRIC OXIDE, COMPRESSED
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1661	NITROANILINES (o-, m-, p-)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1662	NITROBENZENE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1663	NITROPHENOLS (o-, m-, p-)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1664	NITROTOLUENES, LIQUID
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1664	NITROTOLUENES, SOLID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1665	NITROXYLENES, LIQUID
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1665	NITROXYLENES, SOLID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1669	PENTACHLOROETHANE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1670	PERCHLOROMETHYL MERCAPTAN
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1671	PHENOL, SOLID
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1672	PHENYLCARBYLAMINE CHLORIDE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1673	PHENYLENEDIAMINES (o-, m-, p-)
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1674	PHENYLMERCURIC ACETATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1677	POTASSIUM ARSENATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1678	POTASSIUM ARSENITE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1679	POTASSIUM CUPROCYANIDE
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1680	POTASSIUM CYANIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1683	SILVER ARSENITE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1684	SILVER CYANIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1685	SODIUM ARSENATE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1686	SODIUM ARSENITE, AQUEOUS SOLUTION	6.1	T4	II	6.1	43	LQ17	P001 IBC02		MP15	T7	TP2
1686	SODIUM ARSENITE, AQUEOUS SOLUTION	6.1	T4	III	6.1	43	LQ19	P001 IBC03 LP01 R001		MP15	T4	TP2
1687	SODIUM AZIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1688	SODIUM CACODYLATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1689	SODIUM CYANIDE	6.1	T5	I	6.1		LQ0	P002 IBC07	B1	MP18	T14	TP2 TP13
1690	SODIUM FLUORIDE	6.1	T5	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10	T4	TP1
1691	STRONTIUM ARSENITE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1692	STRYCHNINE or STRYCHNINE SALTS	6.1	T2	I	6.1		LQ0	P002 IBC07	B1	MP18		
1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.	6.1	T1	I	6.1	274	LQ0	P001		MP8 MP17		
1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.	6.1	T1	II	6.1	274	LQ17	P001 IBC02		MP15		
1693	TEAR GAS SUBSTANCE, SOLID, N.O.S.	6.1	T2	I	6.1	274	LQ0	P002		MP8 MP17		
1693	TEAR GAS SUBSTANCE, SOLID, N.O.S.	6.1	T2	II	6.1	274	LQ18	P002 IBC08	B2 B4	MP10		
1694	BROMOBENZYL CYANIDES, LIQUID	6.1	T1	I	6.1	138	LQ0	P001		MP8 MP17	T14	TP2 TP13
1694	BROMOBENZYL CYANIDES, SOLID	6.1	T2	I	6.1	138	LQ0	P002		MP18	T14	TP2 TP13
1695	CHLOROACETONE, STABILIZED	6.1	TFC	I	6.1 +3+8		LQ0	P001		MP8 MP17	T14	TP2 TP13
1697	CHLOROACETOPHENONE	6.1	T1	II	6.1		LQ17	P002 IBC08	B2 B4	MP10	T7	TP2 TP13
1698	DIPHENYLAMINE CHLOROARSINE	6.1	T3	I	6.1		LQ0	P002		MP18		
1699	DIPHENYLCHLOROARSINE, LIQUID	6.1	T3	I	6.1		LQ0	P001		MP8 MP17		
1699	DIPHENYLCHLOROARSINE, SOLID	6.1	T3	I	6.1		LQ0	P002 IBC07	B1	MP18		
1700	TEAR GAS CANDLES	6.1	TF3	II	6.1 +4.1		LQ18	P600				
1701	XYLYL BROMIDE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2 TP13
1702	TETRACHLOROETHANE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
1704	TETRAETHYL DITHIOPYROPHOSPHATE	6.1	T2	II	6.1	43	LQ18	P002 IBC08	B2 B4	MP10		
1707	THALLIUM COMPOUND, N.O.S.	6.1	T5	II	6.1	43 274	LQ18	P002 IBC08	B2 B4	MP10		
1708	TOLUIDINES, LIQUID	6.1	T1	II	6.1	279	LQ17	P001 IBC02		MP15	T7	TP2
1708	TOLUIDINES, SOLID	6.1	T2	II	6.1	279	LQ18	P002 IBC08	B2 B4	MP10	T7	TP2

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1686	SODIUM ARSENITE, AQUEOUS SOLUTION
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	1686	SODIUM ARSENITE, AQUEOUS SOLUTION
	TE19		2			CV13 CV28	S9 S19		1687	SODIUM AZIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1688	SODIUM CACODYLATE
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1689	SODIUM CYANIDE
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1690	SODIUM FLUORIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1691	STRONTIUM ARSENITE
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1692	STRYCHNINE or STRYCHNINE SALTS
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1693	TEAR GAS SUBSTANCE, LIQUID, N.O.S.
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1693	TEAR GAS SUBSTANCE, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1693	TEAR GAS SUBSTANCE, SOLID, N.O.S.
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1694	BROMOBENZYL CYANIDES, LIQUID
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1694	BROMOBENZYL CYANIDES, SOLID
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	1695	CHLOROACETONE, STABILIZED
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1697	CHLOROACETOPHENONE
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1698	DIPHENYLAMINE CHLOROARSINE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1699	DIPHENYLCHLOROARSINE, LIQUID
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1699	DIPHENYLCHLOROARSINE, SOLID
	TE19		2			CV13 CV28	S9 S19		1700	TEAR GAS CANDLES
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1701	XYLYL BROMIDE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1702	TETRACHLOROETHANE
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1704	TETRAETHYL DITHIOPYROPHOSPHATE
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1707	THALLIUM COMPOUND, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1708	TOLUIDINES, LIQUID
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1708	TOLUIDINES, SOLID

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1709	2,4-TOLUYLENEDIAMINE	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10	T4	TP1
1710	TRICHLOROETHYLENE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1711	XYLIDINES, LIQUID	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
1711	XYLIDINES, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10	T7	TP2
1712	ZINC ARSENATE, ZINC ARSENITE or ZINC ARSENATE AND ZINC ARSENITE MIXTURE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1713	ZINC CYANIDE	6.1	T5	I	6.1		LQ0	P002 IBC07	B1	MP18		
1714	ZINC PHOSPHIDE	4.3	WT2	I	4.3 +6.1		LQ0	P403		MP2		
1715	ACETIC ANHYDRIDE	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2
1716	ACETYL BROMIDE	8	C3	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
1717	ACETYL CHLORIDE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T8	TP2 TP12
1718	BUTYL ACID PHOSPHATE	8	C3	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1719	CAUSTIC ALKALI LIQUID, N.O.S.	8	C5	II	8	274	LQ22	P001 IBC02		MP15	T11	TP2 TP27
1719	CAUSTIC ALKALI LIQUID, N.O.S.	8	C5	III	8	274	LQ19	P001 IBC03 R001		MP15	T7	TP1 TP28
1722	ALLYL CHLOROFORMATE	6.1	TFC	I	6.1 +3 +8		LQ0	P001		MP8 MP17	T14	TP2 TP13
1723	ALLYL IODIDE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP2 TP13
1724	ALLYLTRICHLOROSILANE, STABILIZED	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1725	ALUMINIUM BROMIDE, ANHYDROUS	8	C2	II	8	588	LQ23	P002 IBC08	B2 B4	MP10		
1726	ALUMINIUM CHLORIDE, ANHYDROUS	8	C2	II	8	588	LQ23	P002 IBC08	B2 B4	MP10		
1727	AMMONIUM HYDROGENDIFLUORIDE, SOLID	8	C2	II	8		LQ23	P002 IBC08	B2 B4	MP10		
1728	AMYLTRICHLOROSILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1729	ANISOYL CHLORIDE	8	C3	II	8		LQ23	P001 IBC02		MP15	T7	TP2
1730	ANTIMONY PENTACHLORIDE, LIQUID	8	C1	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1731	ANTIMONY PENTACHLORIDE SOLUTION	8	C1	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1731	ANTIMONY PENTACHLORIDE SOLUTION	8	C1	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1732	ANTIMONY PENTAFLUORIDE	8	CT1	II	8 +6.1		LQ22	P001 IBC02		MP15	T7	TP2
1733	ANTIMONY TRICHLORIDE	8	C2	II	8		LQ23	P002 IBC08	B2 B4	MP10		
1736	BENZOYL CHLORIDE	8	C3	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12 TP13

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1709	2,4-TOLUYLENEDIAMINE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	1710	TRICHLOROETHYLENE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1711	XYLIDINES, LIQUID
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1711	XYLIDINES, SOLID
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1712	ZINC ARSENATE, ZINC ARSENITE or ZINC ARSENATE AND ZINC ARSENITE MIXTURE
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1713	ZINC CYANIDE
			1	V1		CV23 CV28			1714	ZINC PHOSPHIDE
L4BN		FL	2				S2	83	1715	ACETIC ANHYDRIDE
L4BN		AT	2					80	1716	ACETYL BROMIDE
L4BH	TE1	FL	2				S2 S20	X338	1717	ACETYL CHLORIDE
L4BN		AT	3					80	1718	BUTYL ACID PHOSPHATE
L4BN		AT	2					80	1719	CAUSTIC ALKALI LIQUID, N.O.S.
L4BN		AT	3					80	1719	CAUSTIC ALKALI LIQUID, N.O.S.
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	668	1722	ALLYL CHLOROFORMATE
L4BH	TE1	FL	2				S2 S20	338	1723	ALLYL IODIDE
L4BN		FL	2				S2	X839	1724	ALLYLTRICHLOROSILANE, STABILIZED
SGAN		AT	2					80	1725	ALUMINIUM BROMIDE, ANHYDROUS
SGAN		AT	2					80	1726	ALUMINIUM CHLORIDE, ANHYDROUS
SGAN		AT	2					80	1727	AMMONIUM HYDROGENDIFLUORIDE, SOLID
L4BN		AT	2					X80	1728	AMYLTRICHLOROSILANE
L4BN		AT	2					80	1729	ANISOYL CHLORIDE
L4BN		AT	2					X80	1730	ANTIMONY PENTACHLORIDE, LIQUID
L4BN		AT	2					80	1731	ANTIMONY PENTACHLORIDE SOLUTION
L4BN		AT	3					80	1731	ANTIMONY PENTACHLORIDE SOLUTION
L4BN		AT	2			CV13 CV28		86	1732	ANTIMONY PENTAFLUORIDE
L4BN SGAN		AT	2					80	1733	ANTIMONY TRICHLORIDE
L4BN		AT	2					80	1736	BENZOYL CHLORIDE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1737	BENZYL BROMIDE	6.1	TC1	II	6.1 +8		LQ17	P001 IBC02		MP15	T8	TP2 TP12 TP13
1738	BENZYL CHLORIDE	6.1	TC1	II	6.1 +8		LQ17	P001 IBC02		MP15	T8	TP2 TP12 TP13
1739	BENZYL CHLOROFORMATE	8	C9	I	8		LQ20	P001		MP8 MP17	T10	TP2 TP12 TP13
1740	HYDROGENDIFLUORIDES, N.O.S.	8	C2	II	8	274 517	LQ23	P002 IBC08	B2 B4	MP10		
1740	HYDROGENDIFLUORIDES, N.O.S.	8	C2	III	8	274 517	LQ24	P002 IBC08 LP02 R001	B3	MP10		
1741	BORON TRICHLORIDE	2	2TC		2.3 +8		LQ0	P200		MP9		
1742	BORON TRIFLUORIDE ACETIC ACID COMPLEX	8	C3	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
1743	BORON TRIFLUORIDE PROPIONIC ACID COMPLEX	8	C3	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
1744	BROMINE or BROMINE SOLUTION	8	CT1	I	8 +6.1		LQ0	P601 PR6		MP2	T22	TP2 TP10 TP12 TP13
1745	BROMINE PENTAFLUORIDE	5.1	OTC	I	5.1 +6.1 +8		LQ0	P200		MP2	T22	TP2 TP12 TP13
1746	BROMINE TRIFLUORIDE	5.1	OTC	I	5.1 +6.1 +8		LQ0	P200		MP2	T22	TP2 TP12 TP13
1747	BUTYLTRICHLOROSILANE	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1748	CALCIUM HYPOCHLORITE, DRY or CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	5.1	O2	II	5.1	589	LQ11	P002 IBC08	B2 B4	MP10		
1749	CHLORINE TRIFLUORIDE	2	2TOC		2.3 +5.1 +8		LQ0	P200		MP9		
1750	CHLOROACETIC ACID SOLUTION	6.1	TC1	II	6.1 +8		LQ17	P001 IBC02		MP15	T7	TP2
1751	CHLOROACETIC ACID, SOLID	6.1	TC2	II	6.1 +8		LQ18	P002 IBC08	B4	MP10		
1752	CHLOROACETYL CHLORIDE	6.1	TC1	I	6.1 +8		LQ0	P001		MP8 MP17	T14	TP2 TP13
1753	CHLOROPHENYL-TRICHLOROSILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1754	CHLOROSULPHONIC ACID (with or without sulphur trioxide)	8	C1	I	8		LQ20	P001		MP8 MP17	T20	TP2 TP12
1755	CHROMIC ACID SOLUTION	8	C1	II	8	518	LQ22	P001 IBC02		MP15	T8	TP2 TP12
1755	CHROMIC ACID SOLUTION	8	C1	III	8	518	LQ19	P001 IBC02 LP01 R001		MP15	T4	TP1 TP12
1756	CHROMIC FLUORIDE, SOLID	8	C2	II	8		LQ23	P002 IBC08	B2 B4	MP10		
1757	CHROMIC FLUORIDE SOLUTION	8	C1	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1757	CHROMIC FLUORIDE SOLUTION	8	C1	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1758	CHROMIUM OXYCHLORIDE	8	C1	I	8		LQ20	P001		MP8 MP17	T10	TP2 TP12

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	1737	BENZYL BROMIDE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	1738	BENZYL CHLORIDE
L10BH	TE1	AT	1				S20	88	1739	BENZYL CHLOROFORMATE
SGAN		AT	2					80	1740	HYDROGENDIFLUORIDES, N.O.S.
SGAV		AT	3		VV9b			80	1740	HYDROGENDIFLUORIDES, N.O.S.
			1	V7		CV9 CV10	S7 S17		1741	BORON TRICHLORIDE
L4BN		AT	2					80	1742	BORON TRIFLUORIDE ACETIC ACID COMPLEX
L4BN		AT	2					80	1743	BORON TRIFLUORIDE PROPIONIC ACID COMPLEX
L21DH(+)	TU14 TU33 TC5 TE1 TT2 TM3 TM5	AT	1			CV13 CV28	S17	886	1744	BROMINE or BROMINE SOLUTION
L10DH	TU3	AT	0			CV24 CV28		568	1745	BROMINE PENTAFLUORIDE
L10DH	TU3	AT	0			CV24 CV28		568	1746	BROMINE TRIFLUORIDE
L4BN		FL	2				S2	X83	1747	BUTYLTRICHLOROSILANE
SGAN	TU3	AT	2			CV24		50	1748	CALCIUM HYPOCHLORITE, DRY or CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)
PxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	265	1749	CHLORINE TRIFLUORIDE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	1750	CHLOROACETIC ACID SOLUTION
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	1751	CHLOROACETIC ACID, SOLID
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	668	1752	CHLOROACETYL CHLORIDE
L4BN		AT	2					X80	1753	CHLOROPHENYL-TRICHLOROSILANE
L10BH	TE1	AT	1				S20	X88	1754	CHLOROSULPHONIC ACID (with or without sulphur trioxide)
L4BN		AT	2					80	1755	CHROMIC ACID SOLUTION
L4BN		AT	3					80	1755	CHROMIC ACID SOLUTION
SGAN		AT	2					80	1756	CHROMIC FLUORIDE, SOLID
L4BN		AT	2					80	1757	CHROMIC FLUORIDE SOLUTION
L4BN		AT	3					80	1757	CHROMIC FLUORIDE SOLUTION
L10BH	TE1	AT	1				S20	X88	1758	CHROMIUM OXYCHLORIDE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1759	CORROSIVE SOLID, N.O.S.	8	C10	I	8	274	LQ21	P002 IBC07	B1	MP18		
1759	CORROSIVE SOLID, N.O.S.	8	C10	II	8	274	LQ23	P002 IBC08	B2 B4	MP10		
1759	CORROSIVE SOLID, N.O.S.	8	C10	III	8	274	LQ24	P002 IBC08 LP02 R001	B3	MP10		
1760	CORROSIVE LIQUID, N.O.S.	8	C9	I	8	274	LQ20	P001		MP8 MP17	T14	TP2 TP9 TP27
1760	CORROSIVE LIQUID, N.O.S.	8	C9	II	8	274	LQ22	P001 IBC02		MP15	T11	TP2 TP27
1760	CORROSIVE LIQUID, N.O.S.	8	C9	III	8	274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
1761	CUPRIETHYLENEDIAMINE SOLUTION	8	CT1	II	8+6.1		LQ22	P001 IBC02		MP15	T7	TP2
1761	CUPRIETHYLENEDIAMINE SOLUTION	8	CT1	III	8+6.1		LQ19	P001 IBC03 R001		MP15	T7	TP1 TP28
1762	CYCLOHEXENYLTRICHLORO-SILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1763	CYCLOHEXYLTRICHLORO-SILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1764	DICHLOROACETIC ACID	8	C3	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
1765	DICHLOROACETYL CHLORIDE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1766	DICHLOROPHENYL-TRICHLOROSILANE	8	C3	II	8		LQ0	P001 IBC02		MP15	T7	TP2 TP13
1767	DIETHYLDICHLOROSILANE	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1768	DIFLUOROPHOSPHORIC ACID, ANHYDROUS	8	C1	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
1769	DIPHENYLDICHLORO-SILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1770	DIPHENYLMETHYL BROMIDE	8	C10	II	8		LQ23	P002 IBC08	B2 B4	MP10		
1771	DODECYLTRICHLORO-SILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1773	FERRIC CHLORIDE, ANHYDROUS	8	C2	III	8	590	LQ24	P002 IBC08 LP02 R001	B3	MP10		
1774	FIRE EXTINGUISHER CHARGES, corrosive liquid	8	C11	II	8		LQ22	P001	PP4			
1775	FLUOROBORIC ACID	8	C1	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1776	FLUOROPHOSPHORIC ACID, ANHYDROUS	8	C1	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
1777	FLUOROSULPHONIC ACID	8	C1	I	8		LQ20	P001		MP8 MP17	T10	TP2 TP12
1778	FLUOROSILICIC ACID	8	C1	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
1779	FORMIC ACID	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1780	FUMARYL CHLORIDE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1781	HEXADECYLTRICHLORO-SILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1782	HEXAFLUORO-PHOSPHORIC ACID	8	C1	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
1783	HEXAMETHYLENEDIAMINE SOLUTION	8	C7	II	8		LQ22	P001 IBC02		MP15	T7	TP2

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
S10AN L10BH	TE1	AT	1				S20	88	1759	CORROSIVE SOLID, N.O.S.
SGAN L4BN		AT	2					80	1759	CORROSIVE SOLID, N.O.S.
SGAV L4BN		AT	3		VV9b			80	1759	CORROSIVE SOLID, N.O.S.
L10BH	TE1	AT	1				S20	88	1760	CORROSIVE LIQUID, N.O.S.
L4BN		AT	2					80	1760	CORROSIVE LIQUID, N.O.S.
L4BN		AT	3					80	1760	CORROSIVE LIQUID, N.O.S.
L4BN		AT	2			CV13 CV28		86	1761	CUPRIETHYLENEDIAMINE SOLUTION
L4BN		AT	3			CV13 CV28		86	1761	CUPRIETHYLENEDIAMINE SOLUTION
L4BN		AT	2					X80	1762	CYCLOHEXENYLTRICHLORO-SILANE
L4BN		AT	2					X80	1763	CYCLOHEXYLTRICHLORO-SILANE
L4BN		AT	2					80	1764	DICHLOROACETIC ACID
L4BN		AT	2					X80	1765	DICHLOROACETYL CHLORIDE
L4BN		AT	2					X80	1766	DICHLOROPHENYL-TRICHLOROSILANE
L4BN		FL	2				S2	X83	1767	DIETHYLDICHLOROSILANE
L4BN		AT	2					80	1768	DIFLUOROPHOSPHORIC ACID, ANHYDROUS
L4BN		AT	2					X80	1769	DIPHENYLDICHLORO-SILANE
SGAN L4BN		AT	2					80	1770	DIPHENYLMETHYL BROMIDE
L4BN		AT	2					X80	1771	DODECYLTRICHLORO-SILANE
SGAV		AT	3		VV9b			80	1773	FERRIC CHLORIDE, ANHYDROUS
			2						1774	FIRE EXTINGUISHER CHARGES, corrosive liquid
L4BN		AT	2					80	1775	FLUOROBORIC ACID
L4BN		AT	2					80	1776	FLUOROPHOSPHORIC ACID, ANHYDROUS
L10BH	TE1	AT	1				S20	88	1777	FLUOROSULPHONIC ACID
L4BN		AT	2					80	1778	FLUOROSILICIC ACID
L4BN		AT	2					80	1779	FORMIC ACID
L4BN		AT	2					80	1780	FUMARYL CHLORIDE
L4BN		AT	2					X80	1781	HEXADECYLTRICHLORO-SILANE
L4BN		AT	2					80	1782	HEXAFLUORO-PHOSPHORIC ACID
L4BN		AT	2					80	1783	HEXAMETHYLENEDIAMINE SOLUTION

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1783	HEXAMETHYLENEDIAMINE SOLUTION	8	C7	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1784	HEXYLTRICHLOROSILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1786	HYDROFLUORIC ACID AND SULPHURIC ACID MIXTURE	8	CT1	I	8+6.1		LQ20	P001		MP8 MP17	T10	TP2 TP12 TP13
1787	HYDRIODIC ACID	8	C1	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1787	HYDRIODIC ACID	8	C1	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1788	HYDROBROMIC ACID	8	C1	II	8	519	LQ22	P001 IBC02		MP15	T7	TP2
1788	HYDROBROMIC ACID	8	C1	III	8	519	LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1789	HYDROCHLORIC ACID	8	C1	II	8	520	LQ22	P001 IBC02		MP15	T8	TP2 TP12
1789	HYDROCHLORIC ACID	8	C1	III	8	520	LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1 TP12
1790	HYDROFLUORIC ACID with more than 85% hydrofluoric acid	8	CT1	I	8+6.1	640	LQ0	P802		MP2	T10	TP2 TP12 TP13
1790	HYDROFLUORIC ACID with more than 60% but not more than 85% hydrofluoric acid	8	CT1	I	8+6.1	640	LQ20	P001	RR1	MP8 MP17	T10	TP2 TP12 TP13
1790	HYDROFLUORIC ACID with not more than 60% hydrofluoric acid	8	CT1	II	8+6.1		LQ22	P001 IBC02	RR1	MP15	T8	TP2 TP12
1791	HYPOCHLORITE SOLUTION	8	C9	II	8	521	LQ22	P001 IBC02	PP10 B5	MP15	T7	TP2 TP24
1791	HYPOCHLORITE SOLUTION	8	C9	III	8	521	LQ19	P001 IBC02 LP01 R001	B5	MP15	T4	TP2 TP24
1792	IODINE MONOCHLORIDE	8	C1	II	8		LQ22	P002 IBC08	B2 B4	MP10	T7	TP2
1793	ISOPROPYL ACID PHOSPHATE	8	C3	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1794	LEAD SULPHATE with more than 3% free acid	8	C2	II	8	591	LQ23	P002 IBC08	B2 B4	MP10		
1796	NITRATING ACID MIXTURE with more than 50% nitric acid	8	CO1	I	8+5.1		LQ20	P001		MP8 MP17	T10	TP2 TP12 TP13
1796	NITRATING ACID MIXTURE with not more than 50% nitric acid	8	C1	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12 TP13
1798	NITROHYDROCHLORIC ACID	8	COT	CARRIAGE PROHIBITED								
1799	NONYLTRICHLOROSILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1800	OCTADECYLTRICHLORO-SILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1801	OCTYLTRICHLOROSILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1802	PERCHLORIC ACID with not more than 50% acid, by mass	8	CO1	II	8+5.1	522	LQ22	P001 IBC02		MP3	T7	TP2
1803	PHENOLSULPHONIC ACID, LIQUID	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1804	PHENYLTRICHLOROSILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		AT	3					80	1783	HEXAMETHYLENEDIAMINE SOLUTION
L4BN		AT	2					X80	1784	HEXYLTRICHLOROSILANE
L10DH	TU14 TE1	AT	1			CV13 CV28	S20	886	1786	HYDROFLUORIC ACID AND SULPHURIC ACID MIXTURE
L4BN		AT	2					80	1787	HYDRIODIC ACID
L4BN		AT	3					80	1787	HYDRIODIC ACID
L4BN		AT	2					80	1788	HYDROBROMIC ACID
L4BN		AT	3					80	1788	HYDROBROMIC ACID
L4BN		AT	2					80	1789	HYDROCHLORIC ACID
L4BN		AT	3					80	1789	HYDROCHLORIC ACID
L21DH(+)	TU14 TU34 TC1 TE1 TM3 TM5	AT	1			CV13 CV28	S17	886	1790	HYDROFLUORIC ACID with more than 85% hydrofluoric acid
L10DH	TU14	AT	1			CV13 CV28	S17	886	1790	HYDROFLUORIC ACID with more than 60% but not more than 85% hydrofluoric acid
L4DH	TU14	AT	2			CV13 CV28		86	1790	HYDROFLUORIC ACID with not more than 60% hydrofluoric acid
L4BV(+)	TE11	AT	2					80	1791	HYPOCHLORITE SOLUTION
L4BV(+)	TE11	AT	3					80	1791	HYPOCHLORITE SOLUTION
L4BN		AT	2					80	1792	IODINE MONOCHLORIDE
L4BN		AT	3					80	1793	ISOPROPYL ACID PHOSPHATE
SGAN		AT	2		VV9a			80	1794	LEAD SULPHATE with more than 3% free acid
L10BH	TC6 TE1 TT1	AT	1			CV24	S20	885	1796	NITRATING ACID MIXTURE with more than 50% nitric acid
L4BN		AT	2					80	1796	NITRATING ACID MIXTURE with not more than 50% nitric acid
CARRIAGE PROHIBITED									1798	NITROHYDROCHLORIC ACID
L4BN		AT	2					X80	1799	NONYLTRICHLOROSILANE
L4BN		AT	2					X80	1800	OCTADECYLTRICHLORO-SILANE
L4BN		AT	2					X80	1801	OCTYLTRICHLOROSILANE
L4BN		AT	2			CV24		85	1802	PERCHLORIC ACID with not more than 50% acid, by mass
L4BN		AT	2					80	1803	PHENOLSULPHONIC ACID, LIQUID
L4BN		AT	2					X80	1804	PHENYLTRICHLOROSILANE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1805	PHOSPHORIC ACID, LIQUID	8	C1	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1805	PHOSPHORIC ACID, SOLID	8	C2	III	8		LQ24	P002 IBC08 LP01 R001	B3	MP10		
1806	PHOSPHORUS PENTACHLORIDE	8	C2	II	8		LQ23	P002 IBC08	B2 B4	MP10		
1807	PHOSPHORUS PENTOXIDE	8	C2	II	8		LQ23	P002 IBC08	B2 B4	MP10		
1808	PHOSPHORUS TRIBROMIDE	8	C1	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1809	PHOSPHORUS TRICHLORIDE	6.1	TC3	I	6.1+8		LQ0	P001		MP18	T14	TP2 TP13
1810	PHOSPHORUS OXYCHLORIDE	8	C1	II	8		LQ22	P001		MP15	T7	TP2
1811	POTASSIUM HYDROGENDIFLUORIDE	8	CT2	II	8+6.1		LQ23	P002 IBC08	B2 B4	MP10	T7	TP2
1812	POTASSIUM FLUORIDE	6.1	T5	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10	T4	TP1
1813	POTASSIUM HYDROXIDE, SOLID	8	C6	II	8		LQ23	P002 IBC08	B2 B4	MP10		
1814	POTASSIUM HYDROXIDE SOLUTION	8	C5	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1814	POTASSIUM HYDROXIDE SOLUTION	8	C5	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1815	PROPIONYL CHLORIDE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
1816	PROPYLTRICHLOROSILANE	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1817	PYROSULPHURYL CHLORIDE	8	C1	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
1818	SILICON TETRACHLORIDE	8	C1	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP7
1819	SODIUM ALUMINATE SOLUTION	8	C5	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1819	SODIUM ALUMINATE SOLUTION	8	C5	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1823	SODIUM HYDROXIDE, SOLID	8	C6	II	8		LQ23	P002 IBC08	B2 B4	MP10		
1824	SODIUM HYDROXIDE SOLUTION	8	C5	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1824	SODIUM HYDROXIDE SOLUTION	8	C5	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1825	SODIUM MONOXIDE	8	C6	II	8		LQ23	P002 IBC08	B2 B4	MP10		
1826	NITRATING ACID MIXTURE, SPENT, with more than 50% nitric acid	8	CO1	I	8+5.1	113	LQ20	P001		MP8 MP17	T10	TP2 TP12 TP13
1826	NITRATING ACID MIXTURE, SPENT, with not more than 50% nitric acid	8	C1	II	8	113	LQ22	P001 IBC02		MP15	T8	TP2 TP12
1827	STANNIC CHLORIDE, ANHYDROUS	8	C1	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1828	SULPHUR CHLORIDES	8	C1	I	8		LQ20	P602		MP8 MP17	T20	TP2 TP12

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		AT	3					80	1805	PHOSPHORIC ACID, LIQUID
		AT	3		VV9b				1805	PHOSPHORIC ACID, SOLID
SGAN		AT	2					80	1806	PHOSPHORUS PENTACHLORIDE
SGAN		AT	2					80	1807	PHOSPHORUS PENTOXIDE
L4BN		AT	2					X80	1808	PHOSPHORUS TRIBROMIDE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	668	1809	PHOSPHORUS TRICHLORIDE
L4BN		AT	2					X80	1810	PHOSPHORUS OXYCHLORIDE
SGAN		AT	2			CV13 CV28		86	1811	POTASSIUM HYDROGENDIFLUORIDE
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	1812	POTASSIUM FLUORIDE
SGAN		AT	2					80	1813	POTASSIUM HYDROXIDE, SOLID
L4BN		AT	2					80	1814	POTASSIUM HYDROXIDE SOLUTION
L4BN		AT	3					80	1814	POTASSIUM HYDROXIDE SOLUTION
L4BH	TE1	FL	2				S2 S20	338	1815	PROPIONYL CHLORIDE
L4BN		FL	2				S2	X83	1816	PROPYLTRICHLOROSILANE
L4BN		AT	2					X80	1817	PYROSULPHURYL CHLORIDE
L4BN		AT	2					X80	1818	SILICON TETRACHLORIDE
L4BN		AT	2					80	1819	SODIUM ALUMINATE SOLUTION
L4BN		AT	3					80	1819	SODIUM ALUMINATE SOLUTION
SGAN		AT	2					80	1823	SODIUM HYDROXIDE, SOLID
L4BN		AT	2					80	1824	SODIUM HYDROXIDE SOLUTION
L4BN		AT	3					80	1824	SODIUM HYDROXIDE SOLUTION
SGAN		AT	2					80	1825	SODIUM MONOXIDE
L10BH	TE1	AT	1			CV24	S20	885	1826	NITRATING ACID MIXTURE, SPENT, with more than 50% nitric acid
L4BN		AT	2					80	1826	NITRATING ACID MIXTURE, SPENT, with not more than 50% nitric acid
L4BN		AT	2					X80	1827	STANNIC CHLORIDE, ANHYDROUS
L10BH	TE1	AT	1				S20	X88	1828	SULPHUR CHLORIDES

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1829	SULPHUR TRIOXIDE, STABILIZED	8	C1	I	8	623	LQ20	P001		MP8 MP17	T20	TP4 TP12 TP13 TP25 TP26
1830	SULPHURIC ACID with more than 51% acid	8	C1	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
1831	SULPHURIC ACID, FUMING	8	CT1	I	8+6.1		LQ20	P602		MP8 MP17	T20	TP2 TP12 TP13
1832	SULPHURIC ACID, SPENT	8	C1	II	8	113	LQ22	P001 IBC02		MP15	T8	TP2 TP12
1833	SULPHUROUS ACID	8	C1	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1834	SULPHURYL CHLORIDE	8	C1	I	8		LQ20	P602		MP8 MP17	T20	TP2 TP12
1835	TETRAMETHYLAMMONIUM HYDROXIDE	8	C7	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1836	THIONYL CHLORIDE	8	C1	I	8		LQ20	P802		MP8 MP17	T10	TP2 TP12 TP13
1837	THIOPHOSPHORYL CHLORIDE	8	C1	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1838	TITANIUM TETRACHLORIDE	8	C1	II	8		LQ22	P001 IBC02		MP15	T10	TP2 TP13
1839	TRICHLOROACETIC ACID	8	C4	II	8		LQ23	P002 IBC08	B2 B4	MP10		
1840	ZINC CHLORIDE SOLUTION	8	C1	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1841	ACETALDEHYDE AMMONIA	9	M11	III	9		LQ27	P002 IBC08 LP01 R001	B6	MP10		
1843	AMMONIUM DINITRO-o-CRESOLATE	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10	T7	TP2
1845	Carbon dioxide, solid (Dry ice)	9	M11	NOT SUBJECT TO ADR								
1846	CARBON TETRACHLORIDE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
1847	POTASSIUM SULPHIDE, HYDRATED with not less than 30% water of crystallization	8	C6	II	8	523	LQ23	P002 IBC08	B2 B4	MP10		
1848	PROPIONIC ACID	8	C3	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1849	SODIUM SULPHIDE, HYDRATED with not less than 30% water	8	C6	II	8	523	LQ23	P002 IBC08	B2 B4	MP10	T7	TP2
1851	MEDICINE, LIQUID, TOXIC, N.O.S.	6.1	T1	II	6.1	221 274 601	LQ17	P001	PP6	MP15		
1851	MEDICINE, LIQUID, TOXIC, N.O.S.	6.1	T1	III	6.1	221 274 601	LQ19	P001 LP01 R001	PP6	MP15		
1854	BARIUM ALLOYS, PYROPHORIC	4.2	S4	I	4.2		LQ0	P404		MP13		
1855	CALCIUM, PYROPHORIC or CALCIUM ALLOYS, PYROPHORIC	4.2	S4	I	4.2		LQ0	P404		MP13		
1858	HEXAFLUOROPROPYLENE (REFRIGERANT GAS R 1216)	2	2A		2.2		LQ1	P200		MP9	T50	
1859	SILICON TETRAFLUORIDE, COMPRESSED	2	1TC		2.3+8		LQ0	P200		MP9		
1860	VINYL FLUORIDE, STABILIZED	2	2F		2.1		LQ0	P200		MP9		
1862	ETHYL CROTONATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP2

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L10BH	TU32 TE1 TE13 TT5 TM3	AT	1				S20	X88	1829	SULPHUR TRIOXIDE, STABILIZED
L4BN		AT	2					80	1830	SULPHURIC ACID with more than 51% acid
L10BH	TE1	AT	1			CV13 CV28	S20	X886	1831	SULPHURIC ACID, FUMING
L4BN		AT	2					80	1832	SULPHURIC ACID, SPENT
L4BN		AT	2					80	1833	SULPHUROUS ACID
L10BH	TE1	AT	1				S20	X88	1834	SULPHURYL CHLORIDE
L4BN		AT	2					80	1835	TETRAMETHYLAMMONIUM HYDROXIDE
L10BH	TE1	AT	1				S20	X88	1836	THIONYL CHLORIDE
L4BN		AT	2					X80	1837	THIOPHOSPHORYL CHLORIDE
L4BN		AT	2					X80	1838	TITANIUM TETRACHLORIDE
SGAN L4BN		AT	2					80	1839	TRICHLOROACETIC ACID
L4BN		AT	3					80	1840	ZINC CHLORIDE SOLUTION
SGAV		AT	3	V1	VV3			90	1841	ACETALDEHYDE AMMONIA
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1843	AMMONIUM DINITRO-o-CRESOLATE
NOT SUBJECT TO ADR									1845	Carbon dioxide, solid (Dry ice)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1846	CARBON TETRACHLORIDE
L4BN SGAN		AT	2					80	1847	POTASSIUM SULPHIDE, HYDRATED with not less than 30% water of crystallization
L4BN		AT	3					80	1848	PROPIONIC ACID
L4BN SGAN		AT	2					80	1849	SODIUM SULPHIDE, HYDRATED with not less than 30% water
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1851	MEDICINE, LIQUID, TOXIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	1851	MEDICINE, LIQUID, TOXIC, N.O.S.
			0	V1			S20		1854	BARIUM ALLOYS, PYROPHORIC
			0	V1			S20		1855	CALCIUM, PYROPHORIC or CALCIUM ALLOYS, PYROPHORIC
PxBN(M)		AT	3	V7		CV9 CV10		20	1858	HEXAFLUOROPROPYLENE (REFRIGERANT GAS R 1216)
CxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	268	1859	SILICON TETRAFLUORIDE, COMPRESSED
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	239	1860	VINYL FLUORIDE, STABILIZED
LGBF		FL	2				S2 S20	33	1862	ETHYL CROTONATE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	**(2)**	**(3a)**	**(3b)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9a)**	**(9b)**	**(10)**	**(11)**
1863	FUEL, AVIATION, TURBINE ENGINE (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17	T11	TP1 TP8
1863	FUEL, AVIATION, TURBINE ENGINE (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17	T11	TP1 TP8
1863	FUEL, AVIATION, TURBINE ENGINE (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	640	LQ4	P001		MP19	T4	TP1 TP8
1863	FUEL, AVIATION, TURBINE ENGINE (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	640	LQ4	P001 IBC02 R001		MP19	T4	TP1 TP8
1863	FUEL, AVIATION, TURBINE ENGINE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1865	n-PROPYL NITRATE	3	F1	II	3		LQ4	P001 IBC02 R001	B7	MP19		
1866	RESIN SOLUTION, flammable (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17	T11	TP1 TP8
1866	RESIN SOLUTION, flammable (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	640	LQ3	P001		MP7 MP17	T11	TP1 TP8
1866	RESIN SOLUTION, flammable (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	640	LQ6	P001	PP1	MP19	T4	TP1 TP8
1866	RESIN SOLUTION, flammable (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	640	LQ6	P001 IBC02 R001	PP1	MP19	T4	TP1 TP8
1866	RESIN SOLUTION, flammable (non viscous)	3	F1	III	3	640	LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1866	RESIN SOLUTION, flammable (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001	PP1	MP19	T2	TP1
1866	RESIN SOLUTION, flammable (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	III	3	640	LQ7	P001 LP01 R001	PP1	MP19	T2	TP1
1866	RESIN SOLUTION, flammable (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	III	3	640	LQ7	P001 IBC02 LP01 R001	PP1	MP19	T2	TP1
1868	DECABORANE	4.1	FT2	II	4.1 +6.1		LQ0	P002 IBC06	B2	MP10		
1869	MAGNESIUM or MAGNESIUM ALLOYS with more than 50% magnesium in pellets, turnings or ribbons	4.1	F3	III	4.1	59	LQ9	P002 IBC08 LP02 R001	B3	MP11		
1870	POTASSIUM BOROHYDRIDE	4.3	W2	I	4.3		LQ0	P403		MP2		
1871	TITANIUM HYDRIDE	4.1	F3	II	4.1		LQ8	P410 IBC04	PP40	MP11		
1872	LEAD DIOXIDE	5.1	OT2	III	5.1 +6.1		LQ12	P002 IBC08 LP02 R001	B3	MP2		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		FL	1				S2 S20	33	1863	FUEL, AVIATION, TURBINE ENGINE (vapour pressure at 50 °C more than 175 kPa)
L1.5BN		FL	1				S2 S20	33	1863	FUEL, AVIATION, TURBINE ENGINE (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1.5BN		FL	2				S2 S20	33	1863	FUEL, AVIATION, TURBINE ENGINE (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1863	FUEL, AVIATION, TURBINE ENGINE (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1863	FUEL, AVIATION, TURBINE ENGINE
			2				S2 S20		1865	n-PROPYL NITRATE
L4BN		FL	1				S2 S20	33	1866	RESIN SOLUTION, flammable (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	1				S2 S20	33	1866	RESIN SOLUTION, flammable (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1,5BN		FL	2				S2 S20	33	1866	RESIN SOLUTION, flammable (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1866	RESIN SOLUTION, flammable (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1866	RESIN SOLUTION, flammable (non viscous)
L4BN		FL	3				S2	33	1866	RESIN SOLUTION, flammable (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	3				S2	33	1866	RESIN SOLUTION, flammable (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	3				S2	33	1866	RESIN SOLUTION, flammable (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)
SGAN		AT	2			CV28		46	1868	DECABORANE
SGAV		AT	3		VV1			40	1869	MAGNESIUM or MAGNESIUM ALLOYS with more than 50% magnesium in pellets, turnings or ribbons
			1	V1		CV23			1870	POTASSIUM BOROHYDRIDE
SGAN		AT	2					40	1871	TITANIUM HYDRIDE
SGAN	TU3	AT	3			CV24 CV28		56	1872	LEAD DIOXIDE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	**(2)**	**(3a)**	**(3b)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9a)**	**(9b)**	**(10)**	**(11)**
1873	PERCHLORIC ACID with more than 50% but not more than 72% acid, by mass	5.1	OC1	I	5.1 +8	60	LQ0	P502	PP28	MP3	T10	TP1 TP12
1884	BARIUM OXIDE	6.1	T5	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
1885	BENZIDINE	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1886	BENZYLIDENE CHLORIDE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
1887	BROMOCHLOROMETHANE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1888	CHLOROFORM	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2
1889	CYANOGEN BROMIDE	6.1	TC2	I	6.1+8		LQ0	P001		MP8 MP17		
1891	ETHYL BROMIDE	6.1	T1	II	6.1		LQ17	P001 IBC02	B8	MP15	T7	TP2 TP13
1892	ETHYLDICHLOROARSINE	6.1	T3	I	6.1		LQ0	P602		MP8 MP17	T14	TP2 TP13
1894	PHENYLMERCURIC HYDROXIDE	6.1	T3	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1895	PHENYLMERCURIC NITRATE	6.1	T3	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
1897	TETRACHLOROETHYLENE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1898	ACETYL IODIDE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP13
1902	DIISOOCTYL ACID PHOSPHATE	8	C3	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8	C9	I	8	274	LQ20	P001		MP8 MP17		
1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8	C9	II	8	274	LQ22	P001 IBC02		MP15		
1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	8	C9	III	8	274	LQ19	P001 IBC03 LP01 R001		MP15		
1905	SELENIC ACID	8	C2	I	8		LQ21	P002 IBC07	B1	MP18		
1906	SLUDGE ACID	8	C1	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
1907	SODA LIME with more than 4% sodium hydroxide	8	C6	III	8	62	LQ24	P002 IBC08 LP02 R001	B3	MP10		
1908	CHLORITE SOLUTION	8	C9	II	8	521	LQ22	P001 IBC02		MP15	T7	TP2 TP24
1908	CHLORITE SOLUTION	8	C9	III	8	521	LQ19	P001 IBC03 LP01 R001		MP15	T4	TP2 TP24
1910	Calcium oxide	8	C6	NOT SUBJECT TO ADR								
1911	DIBORANE, COMPRESSED	2	1TF		2.3 +2.1		LQ0	P200		MP9		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	**(13)**	**(14)**	**(15)**	**(16)**	**(17)**	**(18)**	**(19)**	**(20)**	**(1)**	**(2)**
L4DN(+)	TU3 TU28	AT	1			CV24		558	1873	PERCHLORIC ACID with more than 50% but not more than 72% acid, by mass
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9a	CV13 CV28	S9	60	1884	BARIUM OXIDE
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1885	BENZIDINE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1886	BENZYLIDENE CHLORIDE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	1887	BROMOCHLOROMETHANE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	1888	CHLOROFORM
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	668	1889	CYANOGEN BROMIDE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1891	ETHYL BROMIDE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1892	ETHYLDICHLOROARSINE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1894	PHENYLMERCURIC HYDROXIDE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1895	PHENYLMERCURIC NITRATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	1897	TETRACHLOROETHYLENE
L4BN		AT	2					80	1898	ACETYL IODIDE
L4BN		AT	3					80	1902	DIISOOCTYL ACID PHOSPHATE
L10BH	TE1	AT	1				S20	88	1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
L4BN		AT	2					80	1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
L4BN		AT	3					80	1903	DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
S10AN		AT	1				S20	88	1905	SELENIC ACID
L4BN		AT	2					80	1906	SLUDGE ACID
SGAV		AT	3		VV9b			80	1907	SODA LIME with more than 4% sodium hydroxide
L4BV(+)	TE11	AT	2					80	1908	CHLORITE SOLUTION
L4BV(+)	TE11	AT	3					80	1908	CHLORITE SOLUTION
NOT SUBJECT TO ADR									1910	Calcium oxide
			1	V7		CV9 CV10	S2 S7 S17		1911	DIBORANE, COMPRESSED

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1912	METHYL CHLORIDE AND METHYLENE CHLORIDE MIXTURE	2	2F		2.1	228	LQ0	P200		MP9	T50	
1913	NEON, REFRIGERATED LIQUID	2	3A		2.2	593	LQ1	P203		MP9	T75	
1914	BUTYL PROPIONATES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1915	CYCLOHEXANONE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1916	2,2'-DICHLORODIETHYL ETHER	6.1	TF1	II	6.1+3		LQ17	P001 IBC02		MP15	T7	TP2
1917	ETHYL ACRYLATE, STABILIZED	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1 TP13
1918	ISOPROPYLBENZENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1919	METHYL ACRYLATE, STABILIZED	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1 TP13
1920	NONANES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
1921	PROPYLENEIMINE, STABILIZED	3	FT1	I	3+6.1		LQ0	P001		MP2	T14	TP2 TP13
1922	PYRROLIDINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
1923	CALCIUM DITHIONITE (CALCIUM HYDROSULPHITE)	4.2	S4	II	4.2		LQ0	P410 IBC06	B2	MP14		
1928	METHYL MAGNESIUM BROMIDE IN ETHYL ETHER	4.3	WF1	I	4.3+3		LQ0	P402 PR1		MP2		
1929	POTASSIUM DITHIONITE (POTASSIUM HYDROSULPHITE)	4.2	S4	II	4.2		LQ0	P410 IBC06	B2	MP14		
1931	ZINC DITHIONITE (ZINC HYDROSULPHITE)	9	M11	III	9		LQ27	P002 IBC08 LP02 R001		MP10		
1932	ZIRCONIUM SCRAP	4.2	S4	III	4.2	524 592	LQ0	P002 IBC08 LP02 R001	B3	MP14		
1935	CYANIDE SOLUTION, N.O.S.	6.1	T4	I	6.1	274 525	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
1935	CYANIDE SOLUTION, N.O.S.	6.1	T4	II	6.1	274 525	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
1935	CYANIDE SOLUTION, N.O.S.	6.1	T4	III	6.1	274 525	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP13 TP28
1938	BROMOACETIC ACID	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1939	PHOSPHORUS OXYBROMIDE	8	C2	II	8		LQ23	P002 IBC08	B2 B4	MP10	T7	TP2
1940	THIOGLYCOLIC ACID	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
1941	DIBROMODIFLUORO-METHANE	9	M11	III	9		LQ28	P001 LP01 R001		MP15	T11	TP2

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1912	METHYL CHLORIDE AND METHYLENE CHLORIDE MIXTURE
RxBN(M)	TU19	AT	3	V5 V7		CV9 CV11	S20	22	1913	NEON, REFRIGERATED LIQUID
LGBF		FL	3				S2	30	1914	BUTYL PROPIONATES
LGBF		FL	3				S2	30	1915	CYCLOHEXANONE
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	1916	2,2'-DICHLORODIETHYL ETHER
LGBF		FL	2				S2 S20	339	1917	ETHYL ACRYLATE, STABILIZED
LGBF		FL	3				S2	30	1918	ISOPROPYLBENZENE
LGBF		FL	2				S2 S20	339	1919	METHYL ACRYLATE, STABILIZED
LGBF		FL	3				S2	30	1920	NONANES
L15CH	TU14 TU15 TE1	FL	0			CV13 CV28	S2 S19	336	1921	PROPYLENEIMINE, STABILIZED
L4BH	TE1	FL	2				S2 S20	338	1922	PYRROLIDINE
SGAN		AT	2	V1				40	1923	CALCIUM DITHIONITE (CALCIUM HYDROSULPHITE)
L10DH	TU4 TU14 TU22 TE1 TM2	FL	0	V1		CV23	S2	X323	1928	METHYL MAGNESIUM BROMIDE IN ETHYL ETHER
SGAN		AT	2	V1				40	1929	POTASSIUM DITHIONITE (POTASSIUM HYDROSULPHITE)
SGAV		AT	3	V1	VV3			90	1931	ZINC DITHIONITE (ZINC HYDROSULPHITE)
SGAN		AT	3	V1				40	1932	ZIRCONIUM SCRAP
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	1935	CYANIDE SOLUTION, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	1935	CYANIDE SOLUTION, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	1935	CYANIDE SOLUTION, N.O.S.
L4BN		AT	2					80	1938	BROMOACETIC ACID
SGAN		AT	2					80	1939	PHOSPHORUS OXYBROMIDE
L4BN		AT	2					80	1940	THIOGLYCOLIC ACID
L4BN		AT	3	V1				90	1941	DIBROMODIFLUORO-METHANE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1942	AMMONIUM NITRATE with not more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	5.1	O2	III	5.1	611	LQ12	P002 IBC08 LP02 R001	B3	MP10		
1944	MATCHES, SAFETY (book, card or strike on box)	4.1	F1	III	4.1	293	LQ9	P407 R001		MP11		
1945	MATCHES, WAX 'VESTA'	4.1	F1	III	4.1	293	LQ9	P407 R001		MP11		
1950	AEROSOLS	2	5A		2.2	190 625	LQ2	P204		MP9		
1950	AEROSOLS	2	5F		2.1	190 625	LQ2	P204		MP9		
1950	AEROSOLS	2	5O		2.2 +5.1	190 625	LQ2	P204		MP9		
1950	AEROSOLS	2	5T		2.3	190 625	LQ1	P204		MP9		
1950	AEROSOLS	2	5TC		2.3+8	190 625	LQ1	P204		MP9		
1950	AEROSOLS	2	5TF		2.3 +2.1	190 625	LQ1	P204		MP9		
1950	AEROSOLS	2	5TFC		2.3 +2.1 +8	190 625	LQ1	P204		MP9		
1950	AEROSOLS	2	5TO		2.3 +5.1	190 625	LQ1	P204		MP9		
1950	AEROSOLS	2	5TOC		2.3 +5.1 +8	190 625	LQ1	P204		MP9		
1951	ARGON, REFRIGERATED LIQUID	2	3A		2.2	593	LQ1	P203		MP9	T75	
1952	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with not more than 9% ethylene oxide	2	2A		2.2		LQ1	P200		MP9		
1953	COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.	2	1TF		2.3 +2.1	274	LQ0	P200		MP9		
1954	COMPRESSED GAS, FLAMMABLE, N.O.S.	2	1F		2.1	274	LQ0	P200		MP9		
1955	COMPRESSED GAS, TOXIC, N.O.S.	2	1T		2.3	274	LQ0	P200		MP9		
1956	COMPRESSED GAS, N.O.S.	2	1A		2.2	274 567	LQ1	P200		MP9		
1957	DEUTERIUM, COMPRESSED	2	1F		2.1		LQ0	P200		MP9		
1958	1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 114)	2	2A		2.2		LQ1	P200		MP9	T50	
1959	1,1-DIFLUOROETHYLENE (REFRIGERANT GAS R 1132a)	2	2F		2.1		LQ0	P200		MP9		
1961	ETHANE, REFRIGERATED LIQUID	2	3F		2.1		LQ0	P203		MP9	T75	
1962	ETHYLENE, COMPRESSED	2	1F		2.1		LQ0	P200		MP9		
1963	HELIUM, REFRIGERATED LIQUID	2	3A		2.2	593	LQ1	P203		MP9	T75	
1964	HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S.	2	1F		2.1	274	LQ0	P200		MP9		
1965	HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S. such as mixtures A, A01, A02, A0, A1, B1, B2, B or C	2	2F		2.1	274 583	LQ0	P200		MP9	T50	
1966	HYDROGEN, REFRIGERATED LIQUID	2	3F		2.1		LQ0	P203		MP9	T75	TP23
1967	INSECTICIDE GAS, TOXIC, N.O.S.	2	2T		2.3	274	LQ0	P200		MP9		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAV	TU3	AT	3		VV8	CV24		50	1942	AMMONIUM NITRATE with not more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance
			4						1944	MATCHES, SAFETY (book, card or strike on box)
			4						1945	MATCHES, WAX 'VESTA'
			3			CV9 CV12			1950	AEROSOLS
			2			CV9 CV12	S2		1950	AEROSOLS
			3			CV9 CV12			1950	AEROSOLS
			1			CV9 CV12	S7		1950	AEROSOLS
			1			CV9 CV12	S7		1950	AEROSOLS
			1			CV9 CV12	S2 S7		1950	AEROSOLS
			1			CV9 CV12	S2 S7		1950	AEROSOLS
			1			CV9 CV12	S7		1950	AEROSOLS
			1			CV9 CV12	S7		1950	AEROSOLS
RxBN(M)	TU19	AT	3	V5 V7		CV9 CV11	S20	22	1951	ARGON, REFRIGERATED LIQUID
PxBN(M)		AT	3	V7		CV9 CV10		20	1952	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with not more than 9% ethylene oxide
CxBH(M)	TU6 TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	1953	COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.
CxBN(M)		FL	2	V7		CV9 CV10	S2	23	1954	COMPRESSED GAS, FLAMMABLE, N.O.S.
CxBH(M)	TU6 TE1	AT	1	V7		CV9 CV10	S7 S17	26	1955	COMPRESSED GAS, TOXIC, N.O.S.
CxBN(M)		AT	3	V7		CV9 CV10		20	1956	COMPRESSED GAS, N.O.S.
CxBN(M)		FL	2	V7		CV9 CV10	S2	23	1957	DEUTERIUM, COMPRESSED
PxBN(M)		AT	3	V7		CV9 CV10		20	1958	1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 114)
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	239	1959	1,1-DIFLUOROETHYLENE (REFRIGERANT GAS R 1132a)
RxBN(M)	TU18	FL	2	V5 V7		CV9 CV11	S2 S17	223	1961	ETHANE, REFRIGERATED LIQUID
CxBN(M)		FL	2	V7		CV9 CV10	S2	23	1962	ETHYLENE, COMPRESSED
RxBN(M)	TU19	AT	3	V5 V7		CV9 CV11	S20	22	1963	HELIUM, REFRIGERATED LIQUID
CxBN(M)		FL	2	V7		CV9 CV10	S2	23	1964	HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S.
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1965	HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S. such as mixtures A, A01, A02, A0, A1, B1, B2, B or C
RxBN(M)	TU18	FL	2	V5 V7		CV9 CV11	S2 S17	223	1966	HYDROGEN, REFRIGERATED LIQUID
PxBH(M)	TU6 TE1	AT	1	V7		CV9 CV10	S7 S17	26	1967	INSECTICIDE GAS, TOXIC, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1968	INSECTICIDE GAS, N.O.S.	2	2A		2.2	274	LQ1	P200		MP9		
1969	ISOBUTANE	2	2F		2.1		LQ0	P200		MP9	T50	
1970	KRYPTON, REFRIGERATED LIQUID	2	3A		2.2	593	LQ1	P203		MP9	T75	
1971	METHANE, COMPRESSED or NATURAL GAS, COMPRESSED with high methane content	2	1F		2.1		LQ0	P200		MP9		
1972	METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID with high methane content	2	3F		2.1		LQ0	P203		MP9	T75	
1973	CHLORODIFLUORO-METHANE AND CHLOROPENTAFLUORO-ETHANE MIXTURE with fixed boiling point, with approximately 49% chlorodifluoromethane (REFRIGERANT GAS R 502)	2	2A		2.2		LQ1	P200		MP9	T50	
1974	CHLORODIFLUOROBROMO-METHANE (REFRIGERANT GAS R 12B1)	2	2A		2.2		LQ1	P200		MP9	T50	
1975	NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURE (NITRIC OXIDE AND NITROGEN DIOXIDE MIXTURE)	2	2TOC		2.3 +5.1 +8		LQ0	P200		MP9		
1976	OCTAFLUOROCYCLO-BUTANE (REFRIGERANT GAS RC 318)	2	2A		2.2		LQ1	P200		MP9	T50	
1977	NITROGEN, REFRIGERATED LIQUID	2	3A		2.2	593	LQ1	P203		MP9	T75	
1978	PROPANE	2	2F		2.1		LQ0	P200		MP9	T50	
1979	RARE GASES MIXTURE, COMPRESSED	2	1A		2.2		LQ1	P200		MP9		
1980	RARE GASES AND OXYGEN MIXTURE, COMPRESSED	2	1A		2.2	567	LQ1	P200		MP9		
1981	RARE GASES AND NITROGEN MIXTURE, COMPRESSED	2	1A		2.2		LQ1	P200		MP9		
1982	TETRAFLUOROMETHANE, COMPRESSED (REFRIGERANT GAS R 14, COMPRESSED)	2	1A		2.2		LQ1	P200		MP9		
1983	1-CHLORO-2,2,2-TRIFLUOROETHANE (REFRIGERANT GAS R 133a)	2	2A		2.2		LQ1	P200		MP9	T50	
1984	TRIFLUOROMETHANE (REFRIGERANT GAS R 23)	2	2A		2.2		LQ1	P200		MP9		
1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	FT1	I	3 +6.1	274	LQ0	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	FT1	II	3 +6.1	274	LQ0	P001 IBC02		MP19	T11	TP2 TP27
1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	3	FT1	III	3 +6.1	274	LQ7	P001 IBC03 R001		MP19	T7	TP1 TP28
1987	ALCOHOLS, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	274 640	LQ4	P001		MP19	T7	TP1 TP8 TP28

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
PxBN(M)		AT	3	V7		CV9 CV10		20	1968	INSECTICIDE GAS, N.O.S.
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1969	ISOBUTANE
RxBN(M)	TU19	AT	3	V5 V7		CV9 CV11	S20	22	1970	KRYPTON, REFRIGERATED LIQUID
CxBN(M)		FL	2	V7		CV9 CV10	S2	23	1971	METHANE, COMPRESSED or NATURAL GAS, COMPRESSED with high methane content
RxBN(M)	TU18	FL	2	V5 V7		CV9 CV11	S2 S17	223	1972	METHANE, REFRIGERATED LIQUID or NATURAL GAS, REFRIGERATED LIQUID with high methane content
PxBN(M)		AT	3	V7		CV9 CV10		20	1973	CHLORODIFLUORO-METHANE AND CHLOROPENTAFLUORO-ETHANE MIXTURE with fixed boiling point, with approximately 49% chlorodifluoromethane (REFRIGERANT GAS R 502)
PxBN(M)		AT	3	V7		CV9 CV10		20	1974	CHLORODIFLUOROBROMO-METHANE (REFRIGERANT GAS R 12B1)
			1	V7		CV9 CV10	S7 S17		1975	NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURE (NITRIC OXIDE AND NITROGEN DIOXIDE MIXTURE)
PxBN(M)		AT	3	V7		CV9 CV10		20	1976	OCTAFLUOROCYCLO-BUTANE (REFRIGERANT GAS RC 318)
RxBN(M)	TU19	AT	3	V5 V7		CV9 CV11	S20	22	1977	NITROGEN, REFRIGERATED LIQUID
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	1978	PROPANE
CxBN(M)		AT	3	V7		CV9 CV10		20	1979	RARE GASES MIXTURE, COMPRESSED
CxBN(M)		AT	3	V7		CV9 CV10		20	1980	RARE GASES AND OXYGEN MIXTURE, COMPRESSED
CxBN(M)		AT	3	V7		CV9 CV10		20	1981	RARE GASES AND NITROGEN MIXTURE, COMPRESSED
CxBN(M)		AT	3	V7		CV9 CV10		20	1982	TETRAFLUOROMETHANE, COMPRESSED (REFRIGERANT GAS R 14, COMPRESSED)
PxBN(M)		AT	3	V7		CV9 CV10		20	1983	1-CHLORO-2,2,2-TRIFLUOROETHANE (REFRIGERANT GAS R 133a)
PxBN(M)		AT	3	V7		CV9 CV10		20	1984	TRIFLUOROMETHANE (REFRIGERANT GAS R 23)
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.
L4BH	TU15 TE1	FL	3			CV13 CV28	S2	36	1986	ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.
L1.5BN		FL	2				S2 S20	33	1987	ALCOHOLS, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1987	ALCOHOLS, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	274 640	LQ4	P001 IBC02 R001		MP19	T7	TP1 TP8 TP28
1987	ALCOHOLS, N.O.S.	3	F1	III	3	274	LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1 TP29
1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	3	FT1	I	3 +6.1	274	LQ0	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	3	FT1	II	3 +6.1	274	LQ0	P001 IBC02		MP19	T11	TP2 TP27
1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	3	FT1	III	3 +6.1	274	LQ7	P001 IBC03 R001		MP19	T7	TP1 TP28
1989	ALDEHYDES, N.O.S. (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	274 640	LQ3	P001		MP7 MP17	T11	TP1 TP9 TP27
1989	ALDEHYDES, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	274 640	LQ3	P001		MP7 MP17	T11	TP1 TP9 TP27
1989	ALDEHYDES, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	274 640	LQ4	P001		MP19	T7	TP1 TP8 TP28
1989	ALDEHYDES, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	274 640	LQ4	P001 IBC02 R001		MP19	T7	TP1 TP8 TP28
1989	ALDEHYDES, N.O.S.	3	F1	III	3	274	LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1 TP29
1990	BENZALDEHYDE	9	M11	III	9		LQ28	P001 IBC03 LP01 R001		MP15	T2	TP1
1991	CHLOROPRENE, STABILIZED	3	FT1	I	3 +6.1		LQ0	P001		MP7 MP17	T14	TP2 TP6 TP13
1992	FLAMMABLE LIQUID, TOXIC, N.O.S.	3	FT1	I	3 +6.1	274	LQ0	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
1992	FLAMMABLE LIQUID, TOXIC, N.O.S.	3	FT1	II	3 +6.1	274	LQ0	P001 IBC02		MP19	T7	TP2 TP13
1992	FLAMMABLE LIQUID, TOXIC, N.O.S.	3	FT1	III	3 +6.1	274	LQ7	P001 IBC03 R001		MP19	T7	TP1 TP28
1993	FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	274 640	LQ3	P001		MP7 MP17	T11	TP1 TP9
1993	FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	274 640	LQ3	P001		MP7 MP17	T11	TP1 TP9
1993	FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	274 640	LQ4	P001		MP19	T7	TP1 TP8 TP28
1993	FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	274 640	LQ4	P001 IBC02 R001		MP19	T7	TP1 TP8 TP28
1993	FLAMMABLE LIQUID, N.O.S. (non viscous)	3	F1	III	3	274 640	LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1 TP29

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	2				S2 S20	33	1987	ALCOHOLS, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1987	ALCOHOLS, N.O.S.
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.
L4BH	TU15 TE1	FL	3			CV13 CV28	S2	36	1988	ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.
L4BN		FL	1				S2 S20	33	1989	ALDEHYDES, N.O.S. (vapour pressure at 50 °C more than 175 kPa)
L1.5BN		FL	1				S2 S20	33	1989	ALDEHYDES, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1.5BN		FL	2				S2 S20	33	1989	ALDEHYDES, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1989	ALDEHYDES, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1989	ALDEHYDES, N.O.S.
LGBV		AT	3	V1				90	1990	BENZALDEHYDE
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	1991	CHLOROPRENE, STABILIZED
L10CH	TU15 TE1	FL	1			CV13 CV28	S2 S19	336	1992	FLAMMABLE LIQUID, TOXIC, N.O.S.
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	1992	FLAMMABLE LIQUID, TOXIC, N.O.S.
L4BH	TU15 TE1	FL	3			CV13 CV28	S2	36	1992	FLAMMABLE LIQUID, TOXIC, N.O.S.
L4BN		FL	1				S2 S20	33	1993	FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	1				S2 S20	33	1993	FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1.5BN		FL	2				S2 S20	33	1993	FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1993	FLAMMABLE LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1993	FLAMMABLE LIQUID, N.O.S. (non viscous)

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
1993	FLAMMABLE LIQUID, N.O.S. (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)	3	F1	III	3	274 640	LQ7	P001 R001		MP19	T4	TP1 TP29
1993	FLAMMABLE LIQUID, N.O.S. (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	III	3	274 640	LQ7	P001 R001		MP19	T4	TP1 TP29
1993	FLAMMABLE LIQUID, N.O.S. (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)	3	F1	III	3	274 640	LQ7	P001 R001		MP19	T4	TP1 TP29
1994	IRON PENTACARBONYL	6.1	TF1	I	6.1 +3		LQ0	P601 PR3		MP2		
1999	TARS, LIQUID, including road asphalt and oils, bitumen and cut backs, (vapour pressure at 50°C than 110 kPa but not more than 175 kPa)	3	F1	II	3	640	LQ6	P001		MP19	T3	TP3 TP29
1999	TARS, LIQUID, including road asphalt and oils, bitumen and cut backs, (vapour pressure at 50°C not more than 110 kPa)	3	F1	II	3	640	LQ6	P001 IBC02 R001		MP19	T3	TP3 TP29
1999	TARS, LIQUID, inclding road asphalt and oils, bitumen and cut backs, (non viscous)	3	F1	III	3	640	LQ7	P001 IBC03 LP01 R001		MP19	T1	TP3
1999	TARS, LIQUID, including road asphalt and oils, bitumen and cut backs, (having a flash-point below 23°C and viscous according to 2.2.3.1.4)	3	F1	III	3	640	LQ7	P001 IBC03 LP01 R001		MP19	T1	TP3
2000	CELLULOID in block, rods, rolls, sheets, tubes, etc., except scrap	4.1	F1	III	4.1	502	LQ9	P002 LP02 R001	PP7	MP11		
2001	COBALT NAPHTHENATES, POWDER	4.1	F3	III	4.1		LQ9	P002 IBC08 LP02 R001	B3	MP11		
2002	CELLULOID, SCRAP	4.2	S2	III	4.2	526 592	LQ0	P002 IBC08 LP02 R001	PP8 B3	MP14		
2003	METAL ALKYLS, WATER-REACTIVE, N.O.S. or METAL ARYLS, WATER-REACTIVE, N.O.S.	4.2	SW	I	4.2 +4.3	274 527	LQ0	P400 PR1		MP2	T21	TP2 TP7 TP9
2004	MAGNESIUM DIAMIDE	4.2	S4	II	4.2		LQ0	P410 IBC06		MP14		
2005	MAGNESIUM DIPHENYL	4.2	SW	I	4.2 +4.3		LQ0	P404		MP2		
2006	PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING, N.O.S.	4.2	S2	III	4.2	274 528	LQ0	P002 R001		MP14		
2008	ZIRCONIUM POWDER, DRY	4.2	S4	I	4.2	524 540	LQ0	P404		MP13		
2008	ZIRCONIUM POWDER, DRY	4.2	S4	II	4.2	524 540	LQ0	P410 IBC06	B2	MP14		
2008	ZIRCONIUM POWDER, DRY	4.2	S4	III	4.2	540	LQ0	P002 IBC08 LP02 R001	B3	MP14		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		FL	3				S2	33	1993	FLAMMABLE LIQUID, N.O.S. (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	3				S2	33	1993	FLAMMABLE LIQUID, N.O.S. (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	3				S2	33	1993	FLAMMABLE LIQUID, N.O.S. (having a flash-point below 23 °C and viscous according to 2.2.3.1.4) (vapour pressure at 50 °C not more than 110 kPa)
L15CH	TU14 TU15 TU31 TE1 TM3	FL	1			CV1 CV13 CV28	S2 S9 S17	663	1994	IRON PENTACARBONYL
L1,5BN		FL	2				S2 S20	33	1999	TARS, LIQUID (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	1999	TARS, LIQUID (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	1999	TARS, LIQUID (non viscous)
LGBF		FL	3				S2	33	1999	TARS, LIQUID (having a flash-point below 23 °C and viscous according to 2.2.3.1.4)
			3						2000	CELLULOID in block, rods, rolls, sheets, tubes, etc., except scrap
SGAV		AT	3		VV1			40	2001	COBALT NAPHTHENATES, POWDER
			3	V1					2002	CELLULOID, SCRAP
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	2003	METAL ALKYLS, WATER-REACTIVE, N.O.S. or METAL ARYLS, WATER-REACTIVE, N.O.S.
SGAN		AT	2	V1				40	2004	MAGNESIUM DIAMIDE
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	2005	MAGNESIUM DIPHENYL
			3	V1					2006	PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING, N.O.S.
			0	V1			S20		2008	ZIRCONIUM POWDER, DRY
SGAN		AT	2	V1				40	2008	ZIRCONIUM POWDER, DRY
SGAN		AT	3	V1				40	2008	ZIRCONIUM POWDER, DRY

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2009	ZIRCONIUM, DRY, finished sheets, strip or coiled wire	4.2	S4	III	4.2	524 592	LQ0	P002 LP02 R001		MP14		
2010	MAGNESIUM HYDRIDE	4.3	W2	I	4.3		LQ0	P403		MP2		
2011	MAGNESIUM PHOSPHIDE	4.3	WT2	I	4.3 +6.1		LQ0	P403		MP2		
2012	POTASSIUM PHOSPHIDE	4.3	WT2	I	4.3 +6.1		LQ0	P403		MP2		
2013	STRONTIUM PHOSPHIDE	4.3	WT2	I	4.3 +6.1		LQ0	P403		MP2		
2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	5.1	OC1	II	5.1 +8		LQ10	P504 IBC02	PP10 PP29 B5	MP15	T7	TP2 TP6 TP24
2015	HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED with more than 70% hydrogen peroxide	5.1	OC1	I	5.1 +8		LQ0	P501		MP2	T10	TP2 TP6 TP24
2015	HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED with more than 60% hydrogen peroxide and not more than 70% hydrogen peroxide	5.1	OC1	I	5.1 +8		LQ0	P501		MP2	T10	TP2 TP6 TP24
2016	AMMUNITION, TOXIC, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	6.1	T2	II	6.1		LQ0	P600		MP10		
2017	AMMUNITION, TEAR-PRODUCING, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	6.1	TC2	II	6.1 +8		LQ0	P600				
2018	CHLOROANILINES, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10	T7	TP2
2019	CHLOROANILINES, LIQUID	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2020	CHLOROPHENOLS, SOLID	6.1	T2	III	6.1	205	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2021	CHLOROPHENOLS, LIQUID	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2022	CRESYLIC ACID	6.1	TC1	II	6.1 +8		LQ17	P001 IBC02		MP15	T7	TP2 TP13
2023	EPICHLOROHYDRIN	6.1	TF1	II	6.1 +3	279	LQ17	P001 IBC02		MP15	T7	TP2 TP13
2024	MERCURY COMPOUND, LIQUID, N.O.S.	6.1	T4	I	6.1	43 274	LQ0	P001		MP8 MP17		
2024	MERCURY COMPOUND, LIQUID, N.O.S.	6.1	T4	II	6.1	43 274	LQ17	P001 IBC02		MP15		
2024	MERCURY COMPOUND, LIQUID, N.O.S.	6.1	T4	III	6.1	43 274	LQ19	P001 IBC03 LP01 R001		MP15		
2025	MERCURY COMPOUND, SOLID, N.O.S.	6.1	T5	I	6.1	43 274 529 585	LQ0	P002 IBC07	B1	MP18		
2025	MERCURY COMPOUND, SOLID, N.O.S.	6.1	T5	II	6.1	43 274 529 585	LQ18	P002 IBC08	B2 B4	MP10		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			3	V1					2009	ZIRCONIUM, DRY, finished sheets, strip or coiled wire
			1	V1		CV23			2010	MAGNESIUM HYDRIDE
			1	V1		CV23 CV28			2011	MAGNESIUM PHOSPHIDE
			1	V1		CV23 CV28			2012	POTASSIUM PHOSPHIDE
			1	V1		CV23 CV28			2013	STRONTIUM PHOSPHIDE
L4BV(+)	TU3 TC2 TE8 TE11 TT1	AT	2			CV24		58	2014	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)
L4DV(+)	TU3 TU28 TC2 TE8 TE9 TT1	OX	1	V5		CV24		559	2015	HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED with more than 70% hydrogen peroxide
L4BV(+)	TU3 TU28 TC2 TE7 TE8 TE9 TT1	OX	1	V5		CV24		559	2015	HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED with more than 60% hydrogen peroxide and not more than 70% hydrogen peroxide
	TE19		2			CV13 CV28	S9 S19		2016	AMMUNITION, TOXIC, NON-EXPLOSIVE without burster or expelling charge, non-fuzed
	TE19		2			CV13 CV28	S9 S19		2017	AMMUNITION, TEAR-PRODUCING, NON-EXPLOSIVE without burster or expelling charge, non-fuzed
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2018	CHLOROANILINES, SOLID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2019	CHLOROANILINES, LIQUID
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2020	CHLOROPHENOLS, SOLID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2021	CHLOROPHENOLS, LIQUID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	2022	CRESYLIC ACID
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	2023	EPICHLOROHYDRIN
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2024	MERCURY COMPOUND, LIQUID, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2024	MERCURY COMPOUND, LIQUID, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2024	MERCURY COMPOUND, LIQUID, N.O.S.
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2025	MERCURY COMPOUND, SOLID, N.O.S.
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2025	MERCURY COMPOUND, SOLID, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2025	MERCURY COMPOUND, SOLID, N.O.S.	6.1	T5	III	6.1	43 274 529 585	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2026	PHENYLMERCURIC COMPOUND, N.O.S.	6.1	T3	I	6.1	43 274	LQ0	P002 IBC07	B1	MP18		
2026	PHENYLMERCURIC COMPOUND, N.O.S.	6.1	T3	II	6.1	43 274	LQ18	P002 IBC08	B2 B4	MP10		
2026	PHENYLMERCURIC COMPOUND, N.O.S.	6.1	T3	III	6.1	43 274	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2027	SODIUM ARSENITE, SOLID	6.1	T5	II	6.1	43	LQ18	P002 IBC08	B2 B4	MP10		
2028	BOMBS, SMOKE, NON-EXPLOSIVE with corrosive liquid, without initiating device	8	C11	II	8		LQ0	P803				
2029	HYDRAZINE, ANHYDROUS	8	CFT	I	8+3 +6.1		LQ20	P001		MP8 MP17		
2030	HYDRAZINE HYDRATE or HYDRAZINE, AQUEOUS SOLUTION with not less than 37% but not more than 64% hydrazine, by mass	8	CT1	II	8 +6.1	530	LQ22	P001 IBC02		MP15	T7	TP2 TP13
2031	NITRIC ACID, other than red fuming, with more than 70% nitric acid	8	CO1	I	8 +5.1		LQ20	P001	RR1	MP8 MP17	T10	TP2 TP12 TP13
2031	NITRIC ACID, other than red fuming, with not more than 70% nitric acid	8	CO1	II	8		LQ22	P001 IBC02	RR1	MP15	T8	TP2 TP12
2032	NITRIC ACID, RED FUMING	8	COT	I	8 +5.1 +6.1		LQ20	P602		MP8 MP17	T20	TP2 TP12 TP13
2033	POTASSIUM MONOXIDE	8	C6	II	8		LQ23	P002 IBC08	B2 B4	MP10		
2034	HYDROGEN AND METHANE MIXTURE, COMPRESSED	2	1F		2.1		LQ0	P200		MP9		
2035	1,1,1-TRIFLUOROETHANE (REFRIGERANT GAS R 143a)	2	2F		2.1		LQ0	P200		MP9	T50	
2036	XENON, COMPRESSED	2	1A		2.2		LQ1	P200		MP9		
2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable	2	5A		2.2	191	LQ2	P204		MP9		
2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable	2	5F		2.1	191	LQ2	P204		MP9		
2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable	2	5O		2.2 +5.1	191	LQ2	P204		MP9		
2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable	2	5T		2.3		LQ1	P204		MP9		
2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable	2	5TC		2.3 +8		LQ1	P204		MP9		
2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable	2	5TF		2.3 +2.1		LQ1	P204		MP9		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2025	MERCURY COMPOUND, SOLID, N.O.S.
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2026	PHENYLMERCURIC COMPOUND, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2026	PHENYLMERCURIC COMPOUND, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2026	PHENYLMERCURIC COMPOUND, N.O.S.
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2027	SODIUM ARSENITE, SOLID
			2						2028	BOMBS, SMOKE, NON-EXPLOSIVE with corrosive liquid, without initiating device
			1			CV13 CV28	S2 S20		2029	HYDRAZINE, ANHYDROUS
L4BN		AT	2			CV13 CV28		86	2030	HYDRAZINE HYDRATE or HYDRAZINE, AQUEOUS SOLUTION with not less than 37% but not more than 64% hydrazine, by mass
L10BH	TC6 TE1 TT1	AT	1			CV24	S20	885	2031	NITRIC ACID, other than red fuming, with more than 70% nitric acid
L4BN		AT	2					80	2031	NITRIC ACID, other than red fuming, with not more than 70% nitric acid
L10BH	TC6 TE1 TT1	AT	1			CV13 CV24 CV28	S20	856	2032	NITRIC ACID, RED FUMING
SGAN		AT	2					80	2033	POTASSIUM MONOXIDE
CxBN(M)		FL	2	V7		CV9 CV10	S2	23	2034	HYDROGEN AND METHANE MIXTURE, COMPRESSED
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	2035	1,1,1-TRIFLUOROETHANE (REFRIGERANT GAS R 143a)
CxBN(M)		AT	3	V7		CV9 CV10		20	2036	XENON, COMPRESSED
			3			CV9 CV12			2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
			2			CV9 CV12	S2		2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
			3			CV9 CV12			2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
			1			CV9 CV12	S7		2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
			1			CV9 CV12	S7		2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
			1			CV9 CV12	S2 S7		2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable	2	5TFC		2.3 +2.1 +8		LQ1	P204		MP9		
2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable	2	5TO		2.3 +5.1		LQ1	P204		MP9		
2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable	2	5TOC		2.3 +5.1 +8		LQ1	P204		MP9		
2038	DINITROTOLUENES, LIQUID	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2038	DINITROTOLUENES, SOLID	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10	T7	TP2
2044	2,2-DIMETHYLPROPANE	2	2F		2.1		LQ0	P200		MP9		
2045	ISOBUTYRALDEHYDE (ISOBUTYL ALDEHYDE)	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2046	CYMENES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2047	DICHLOROPROPENES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2047	DICHLOROPROPENES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2048	DICYCLOPENTADIENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2049	DIETHYLBENZENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2050	DIISOBUTYLENE, ISOMERIC COMPOUNDS	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2051	2-DIMETHYLAMINO-ETHANOL	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2
2052	DIPENTENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2053	METHYL ISOBUTYL CARBINOL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2054	MORPHOLINE	8	CF1	I	8+3		LQ20	P001		MP8 MP17	T10	TP2
2055	STYRENE MONOMER, STABILIZED	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2056	TETRAHYDROFURAN	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2057	TRIPROPYLENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identifi-cation No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1			CV9 CV12	S2 S7		2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
			1			CV9 CV12	S7		2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
			1			CV9 CV12	S7		2037	RECEPTACLES, SMALL, CONTAINING GAS (GAS CARTRIDGES) without a release device, non-refillable
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2038	DINITROTOLUENES, LIQUID
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2038	DINITROTOLUENES, SOLID
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	2044	2,2-DIMETHYLPROPANE
LGBF		FL	2				S2 S20	33	2045	ISOBUTYRALDEHYDE (ISOBUTYL ALDEHYDE)
LGBF		FL	3				S2	30	2046	CYMENES
LGBF		FL	2				S2 S20	33	2047	DICHLOROPROPENES
LGBF		FL	3				S2	30	2047	DICHLOROPROPENES
LGBF		FL	3				S2	30	2048	DICYCLOPENTADIENE
LGBF		FL	3				S2	30	2049	DIETHYLBENZENE
LGBF		FL	2				S2 S20	33	2050	DIISOBUTYLENE, ISOMERIC COMPOUNDS
L4BN		FL	2				S2	83	2051	2-DIMETHYLAMINO-ETHANOL
LGBF		FL	3				S2	30	2052	DIPENTENE
LGBF		FL	3				S2	30	2053	METHYL ISOBUTYL CARBINOL
L10BH	TE1	FL	1				S2 S20	883	2054	MORPHOLINE
LGBF		FL	3				S2	39	2055	STYRENE MONOMER, STABILIZED
LGBF		FL	2				S2 S20	33	2056	TETRAHYDROFURAN
LGBF		FL	2				S2 S20	33	2057	TRIPROPYLENE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2057	TRIPROPYLENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2058	VALERALDEHYDE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose (vapour pressure at 50 °C more than 175 kPa)	3	D	I	3	198 531 640	LQ3	P001		MP7 MP17	T11	TP1 TP8 TP27
2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	D	I	3	198 531 640	LQ3	P001		MP7 MP17	T11	TP1 TP8 TP27
2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	D	II	3	198 531 640	LQ4	P001		MP19	T4	TP1 TP8
2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose (vapour pressure at 50 °C not more than 110 kPa)	3	D	II	3	198 531 640	LQ4	P001 R001		MP19	T4	TP1 TP8
2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose	3	D	III	3	198 531	LQ7	P001 LP01 R001		MP19	T2	TP1
2067	AMMONIUM NITRATE FERTILIZERS, Type A1	5.1	O2	III	5.1	186 624 628	LQ12	P002 IBC08 LP02 R001	B3	MP10		
2068	AMMONIUM NITRATE FERTILIZERS, Type A2	5.1	O2	III	5.1	186 624 629	LQ12	P002 IBC08 LP02 R001	B3	MP10		
2069	AMMONIUM NITRATE FERTILIZERS, Type A3	5.1	O2	III	5.1	186 624 630	LQ12	P002 IBC08 LP02 R001	B3	MP10		
2070	AMMONIUM NITRATE FERTILIZERS, Type A4	5.1	O2	III	5.1	186 624 631	LQ12	P002 IBC08 LP02 R001	B3	MP10		
2071	Ammonium nitrate fertilizers	9	M11	NOT SUBJECT TO ADR								
2072	AMMONIUM NITRATE FERTILIZER, N.O.S.	5.1	O2	CARRIAGE PROHIBITED								
2073	AMMONIA SOLUTION, relative density less than 0.880 at 15 °C in water, with more than 35% but not more than 50% ammonia	2	4A		2.2	532	LQ1	P200		MP9		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	3				S2	30	2057	TRIPROPYLENE
LGBF		FL	2				S2 S20	33	2058	VALERALDEHYDE
L4BN		FL	1				S2 S20	33	2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose (vapour pressure at 50 °C more than 175 kPa)
L1,5BN		FL	1				S2 S20	33	2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
L1,5BN		FL	2				S2 S20	33	2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	2059	NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose
SGAV	TU3	AT	3		VV8	CV24		50	2067	AMMONIUM NITRATE FERTILIZERS, Type A1
SGAV	TU3	AT	3		VV8	CV24		50	2068	AMMONIUM NITRATE FERTILIZERS, Type A2
SGAV	TU3	AT	3		VV8	CV24		50	2069	AMMONIUM NITRATE FERTILIZERS, Type A3
SGAV	TU3	AT	3		VV8	CV24		50	2070	AMMONIUM NITRATE FERTILIZERS, Type A4
NOT SUBJECT TO ADR									2071	Ammonium nitrate fertilizers
CARRIAGE PROHIBITED									2072	AMMONIUM NITRATE FERTILIZER, N.O.S.
PxBN(M)		AT	3			CV9 CV10		20	2073	AMMONIA SOLUTION, relative density less than 0.880 at 15 °C in water, with more than 35% but not more than 50% ammonia

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2074	ACRYLAMIDE	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10	T4	TP1
2075	CHLORAL, ANHYDROUS, STABILIZED	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2076	CRESOLS, LIQUID	6.1	TC1	II	6.1 +8		LQ17	P001 IBC02		MP15	T7	TP2
2076	CRESOLS, SOLID	6.1	TC2	II	6.1 +8		LQ18	P002 IBC08	B2 B4	MP10	T7	TP2
2077	alpha-NAPHTHYLAMINE	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10	T3	TP1
2078	TOLUENE DIISOCYANATE	6.1	T1	II	6.1	279	LQ17	P001 IBC02		MP15	T7	TP2 TP13
2079	DIETHYLENETRIAMINE	8	C7	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2186	HYDROGEN CHLORIDE, REFRIGERATED LIQUID	2	3TC	CARRIAGE PROHIBITED								
2187	CARBON DIOXIDE, REFRIGERATED LIQUID	2	3A		2.2	593	LQ1	P203		MP9	T75	
2188	ARSINE	2	2TF		2.3 +2.1		LQ0	P200		MP9		
2189	DICHLOROSILANE	2	2TFC		2.3 +2.1 +8		LQ0	P200		MP9		
2190	OXYGEN DIFLUORIDE, COMPRESSED	2	1TOC		2.3 +5.1 +8		LQ0	P200		MP9		
2191	SULPHURYL FLUORIDE	2	2T		2.3		LQ0	P200		MP9		
2192	GERMANE	2	2TF		2.3 +2.1	632	LQ0	P200		MP9		
2193	HEXAFLUOROETHANE, COMPRESSED (REFRIGERANT GAS R 116, COMPRESSED)	2	1A		2.2		LQ1	P200		MP9		
2194	SELENIUM HEXAFLUORIDE	2	2TC		2.3 +8		LQ0	P200		MP9		
2195	TELLURIUM HEXAFLUORIDE	2	2TC		2.3 +8		LQ0	P200		MP9		
2196	TUNGSTEN HEXAFLUORIDE	2	2TC		2.3 +8		LQ0	P200		MP9		
2197	HYDROGEN IODIDE, ANHYDROUS	2	2TC		2.3 +8		LQ0	P200		MP9		
2198	PHOSPHORUS PENTAFLUORIDE, COMPRESSED	2	1TC		2.3 +8		LQ0	P200		MP9		
2199	PHOSPHINE	2	2TF		2.3 +2.1	632	LQ0	P200		MP9		
2200	PROPADIENE, STABILIZED	2	2F		2.1		LQ0	P200		MP9		
2201	NITROUS OXIDE, REFRIGERATED LIQUID	2	3O		2.2 +5.1		LQ0	P203		MP9	T75	TP22
2202	HYDROGEN SELENIDE, ANHYDROUS	2	2TF		2.3 +2.1		LQ0	P200		MP9		
2203	SILANE, COMPRESSED	2	1F		2.1	632	LQ0	P200		MP9		
2204	CARBONYL SULPHIDE	2	2TF		2.3 +2.1		LQ0	P200		MP9		
2205	ADIPONITRILE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T3	TP1
2206	ISOCYANATES, TOXIC, N.O.S. or ISOCYANATE SOLUTION, TOXIC, N.O.S.	6.1	T1	II	6.1	274 551	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2074	ACRYLAMIDE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	69	2075	CHLORAL, ANHYDROUS, STABILIZED
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	2076	CRESOLS, LIQUID
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	2076	CRESOLS, SOLID
L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2077	alpha-NAPHTHYLAMINE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2078	TOLUENE DIISOCYANATE
L4BN		AT	2					80	2079	DIETHYLENETRIAMINE
CARRIAGE PROHIBITED									2186	HYDROGEN CHLORIDE, REFRIGERATED LIQUID
RxBN(M)	TU19	AT	3	V5 V7		CV9 CV11	S20	22	2187	CARBON DIOXIDE, REFRIGERATED LIQUID
			1	V7		CV9 CV10	S2 S7 S17		2188	ARSINE
PxBH(M)	TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	2189	DICHLOROSILANE
			1	V7		CV9 CV10	S7 S17		2190	OXYGEN DIFLUORIDE, COMPRESSED
PxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	26	2191	SULPHURYL FLUORIDE
			1	V7		CV9 CV10	S2 S7 S17		2192	GERMANE
CxBN(M)		AT	3	V7		CV9 CV10		20	2193	HEXAFLUOROETHANE, COMPRESSED (REFRIGERANT GAS R 116, COMPRESSED)
			1	V7		CV9 CV10	S7 S17		2194	SELENIUM HEXAFLUORIDE
			1	V7		CV9 CV10	S7 S17		2195	TELLURIUM HEXAFLUORIDE
			1	V7		CV9 CV10	S7 S17		2196	TUNGSTEN HEXAFLUORIDE
PxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	268	2197	HYDROGEN IODIDE, ANHYDROUS
			1	V7		CV9 CV10	S7 S17		2198	PHOSPHORUS PENTAFLUORIDE, COMPRESSED
			1	V7		CV9 CV10	S2 S7 S17		2199	PHOSPHINE
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	239	2200	PROPADIENE, STABILIZED
RxBN(M)	TU7 TU19	AT	3	V5 V7		CV9 CV11	S20	225	2201	NITROUS OXIDE, REFRIGERATED LIQUID
			1	V7		CV9 CV10	S2 S7 S17		2202	HYDROGEN SELENIDE, ANHYDROUS
CxBN(M)		FL	2	V7		CV9 CV10	S2	23	2203	SILANE, COMPRESSED
PxBH(M)	TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	2204	CARBONYL SULPHIDE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2205	ADIPONITRILE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2206	ISOCYANATES, TOXIC, N.O.S. or ISOCYANATE SOLUTION, TOXIC, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2206	ISOCYANATES, TOXIC, N.O.S. or ISOCYANATE SOLUTION, TOXIC, N.O.S.	6.1	T1	III	6.1	274 551	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP13 TP28
2208	CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 10% but not more than 39% available chlorine	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
2209	FORMALDEHYDE SOLUTION with not less than 25% formaldehyde	8	C9	III	8	533	LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2210	MANEB or MANEB PREPARATION with not less than 60% maneb	4.2	SW	III	4.2 +4.3	273	LQ0	P002 IBC06 R001		MP14		
2211	POLYMERIC BEADS, EXPANDABLE, evolving flammable vapour	9	M3	III	None	207 633	LQ27	P002 IBC08 R001	PP14 B6	MP10		
2212	BLUE ASBESTOS (crocidolite) or BROWN ASBESTOS (amosite, mysorite)	9	M1	II	9	168	LQ25	P002 IBC08	PP37 B2 B4	MP10		
2213	PARAFORMALDEHYDE	4.1	F1	III	4.1		LQ9	P002 IBC08 LP02 R001	PP12 B3	MP10		
2214	PHTHALIC ANHYDRIDE with more than 0.05% of maleic anhydride	8	C4	III	8	169	LQ24	P002 IBC08 LP02 R001	B3	MP10	T4	TP3
2215	MALEIC ANHYDRIDE, MOLTEN	8	C3	III	8		LQ0				T4	TP3
2215	MALEIC ANHYDRIDE	8	C4	III	8		LQ24	P002 IBC08 R001	B3	MP10	T4	TP1
2216	Fish meal (Fish scrap), stabilized	9	M11	NOT SUBJECT TO ADR								
2217	SEED CAKE with not more than 1.5% oil and not more than 11% moisture	4.2	S2	III	4.2	142	LQ0	P002 IBC08 LP02 R001	PP20 B3 B6	MP14		
2218	ACRYLIC ACID, STABILIZED	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2
2219	ALLYL GLYCIDYL ETHER	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2222	ANISOLE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2224	BENZONITRILE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2225	BENZENESULPHONYL CHLORIDE	8	C3	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2226	BENZOTRICHLORIDE	8	C9	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2227	n-BUTYL METHACRYLATE, STABILIZED	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2232	2-CHLOROETHANAL	6.1	T1	I	6.1		LQ0	P001		MP8 MP17	T14	TP2 TP13

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2206	ISOCYANATES, TOXIC, N.O.S. or ISOCYANATE SOLUTION, TOXIC, N.O.S.
SGAN	TU3	AT	3			CV24		50	2208	CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 10% but not more than 39% available chlorine
L4BN		AT	3					80	2209	FORMALDEHYDE SOLUTION with not less than 25% formaldehyde
SGAN		AT	3	V1				40	2210	MANEB or MANEB PREPARATION with not less than 60% maneb
SGAN	TE20	AT	3	V1	VV3			90	2211	POLYMERIC BEADS, EXPANDABLE, evolving flammable vapour
SGAH	TU15 TE1	AT	2	V1		CV1 CV13	S19	90	2212	BLUE ASBESTOS (crocidolite) or BROWN ASBESTOS (amosite, mysorite)
SGAV		AT	3		VV1			40	2213	PARAFORMALDEHYDE
SGAV L4BN		AT	3		VV9b			80	2214	PHTHALIC ANHYDRIDE with more than 0.05% of maleic anhydride
L4BN		AT	0					80	2215	MALEIC ANHYDRIDE, MOLTEN
SGAV		AT	3		VV9b			80	2215	MALEIC ANHYDRIDE
NOT SUBJECT TO ADR									2216	Fish meal (Fish scrap), stabilized
		AT	3	V1	VV4			40	2217	SEED CAKE with not more than 1.5% oil and not more than 11% moisture
L4BN		FL	2				S2	839	2218	ACRYLIC ACID, STABILIZED
LGBF		FL	3				S2	30	2219	ALLYL GLYCIDYL ETHER
LGBF		FL	3				S2	30	2222	ANISOLE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2224	BENZONITRILE
L4BN		AT	3					80	2225	BENZENESULPHONYL CHLORIDE
L4BN		AT	2					80	2226	BENZOTRICHLORIDE
LGBF		FL	3				S2	39	2227	n-BUTYL METHACRYLATE, STABILIZED
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2232	2-CHLOROETHANAL

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2233	CHLOROANISIDINES	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2234	CHLOROBENZOTRI-FLUORIDES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2235	CHLOROBENZYL CHLORIDES	6.1	T2	III	6.1		LQ9	P001 IBC03 LP01 R001		MP10	T4	TP1
2236	3-CHLORO-4-METHYLPHENYL ISOCYANATE	6.1	T2	II	6.1		LQ18	P001 IBC02		MP10		
2237	CHLORONITROANILINES	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2238	CHLOROTOLUENES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2239	CHLOROTOLUIDINES, liquid	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2239	CHLOROTOLUIDINES, solid	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10	T4	TP1
2240	CHROMOSULPHURIC ACID	8	C1	I	8		LQ20	P001		MP8 MP17	T10	TP2 TP12 TP13
2241	CYCLOHEPTANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2242	CYCLOHEPTENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2243	CYCLOHEXYL ACETATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2244	CYCLOPENTANOL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2245	CYCLOPENTANONE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2246	CYCLOPENTENE	3	F1	II	3		LQ4	P001 IBC02	B8	MP19	T7	TP2
2247	n-DECANE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2248	DI-n-BUTYLAMINE	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2
2249	DICHLORODIMETHYL ETHER, SYMMETRICAL	6.1	T1	CARRIAGE PROHIBITED								
2250	DICHLOROPHENYL ISOCYANATES	6.1	T2	II	6.1		LQ17	P002 IBC08	B2 B4	MP10	T7	TP2
2251	BICYCLO[2.2.1]HEPTA-2,5-DIENE, STABILIZED (2,5-NORBORNADIENE, STABILIZED)	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T7	TP2

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2233	CHLOROANISIDINES
LGBF		FL	3				S2	30	2234	CHLOROBENZOTRI-FLUORIDES
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2235	CHLOROBENZYL CHLORIDES
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2236	3-CHLORO-4-METHYLPHENYL ISOCYANATE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2237	CHLORONITROANILINES
LGBF		FL	3				S2	30	2238	CHLOROTOLUENES
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2239	CHLOROTOLUIDINES, liquid
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2239	CHLOROTOLUIDINES, solid
L10BH	TE1	AT	1				S20	88	2240	CHROMOSULPHURIC ACID
LGBF		FL	2				S2 S20	33	2241	CYCLOHEPTANE
LGBF		FL	2				S2 S20	33	2242	CYCLOHEPTENE
LGBF		FL	3				S2	30	2243	CYCLOHEXYL ACETATE
LGBF		FL	3				S2	30	2244	CYCLOPENTANOL
LGBF		FL	3				S2	30	2245	CYCLOPENTANONE
L1.5BN		FL	2				S2 S20	33	2246	CYCLOPENTENE
LGBF		FL	3				S2	30	2247	n-DECANE
L4BN		FL	2				S2	83	2248	DI-n-BUTYLAMINE
CARRIAGE PROHIBITED									2249	DICHLORODIMETHYL ETHER, SYMMETRICAL
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2250	DICHLOROPHENYL ISOCYANATES
LGBF		FL	2				S2 S20	339	2251	BICYCLO[2.2.1]HEPTA-2,5-DIENE, STABILIZED (2,5-NORBORNADIENE, STABILIZED)

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2252	1,2-DIMETHOXYETHANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2253	N,N-DIMETHYLANILINE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2254	MATCHES, FUSEE	4.1	F1	III	4.1	293	LQ9	P407 R001		MP11		
2256	CYCLOHEXENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2257	POTASSIUM	4.3	W2	I	4.3		LQ0	P403 IBC04	B1	MP2	T9	TP3 TP7
2258	1,2-PROPYLENEDIAMINE	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2
2259	TRIETHYLENETETRAMINE	8	C7	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2260	TRIPROPYLAMINE	3	FC	III	3+8		LQ7	P001 IBC03 R001		MP19	T4	TP1
2261	XYLENOLS, liquid	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2261	XYLENOLS, solid	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10	T7	TP2
2262	DIMETHYLCARBAMOYL CHLORIDE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2263	DIMETHYLCYCLOHEXANES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2264	DIMETHYLCYCLOHEXYL-AMINE	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2
2265	N,N-DIMETHYLFORMAMIDE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP2
2266	DIMETHYL-N-PROPYLAMINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP2 TP13
2267	DIMETHYL THIOPHOSPHORYL CHLORIDE	6.1	TC1	II	6.1 +8		LQ17	P001 IBC02		MP15	T7	TP2
2269	3,3'-IMINODIPROPYLAMINE	8	C7	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP2
2270	ETHYLAMINE, AQUEOUS SOLUTION with not less than 50% but not more than 70% ethylamine	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
2271	ETHYL AMYL KETONE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2272	N-ETHYLANILINE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2273	2-ETHYLANILINE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2274	N-ETHYL-N-BENZYLANILINE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2275	2-ETHYLBUTANOL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identifi-cation No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	2				S2 S20	33	2252	1,2-DIMETHOXYETHANE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2253	N,N-DIMETHYLANILINE
			4						2254	MATCHES, FUSEE
LGBF		FL	2				S2 S20	33	2256	CYCLOHEXENE
L10BN(+)	TU1 TE5 TT3 TM2	AT	1	V1		CV23		X423	2257	POTASSIUM
L4BN		FL	2				S2	83	2258	1,2-PROPYLENEDIAMINE
L4BN		AT	2					80	2259	TRIETHYLENETETRAMINE
L4BN		FL	3				S2	38	2260	TRIPROPYLAMINE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2261	XYLENOLS, liquid
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2261	XYLENOLS, solid
L4BN		AT	2					80	2262	DIMETHYLCARBAMOYL CHLORIDE
LGBF		FL	2				S2 S20	33	2263	DIMETHYLCYCLOHEXANES
L4BN		FL	2				S2	83	2264	DIMETHYLCYCLOHEXYL-AMINE
LGBF		FL	3				S2	30	2265	N,N-DIMETHYLFORMAMIDE
L4BH	TE1	FL	2				S2 S20	338	2266	DIMETHYL-N-PROPYLAMINE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	2267	DIMETHYL THIOPHOSPHORYL CHLORIDE
L4BN		AT	3					80	2269	3,3'-IMINODIPROPYLAMINE
L4BH	TE1	FL	2				S2 S20	338	2270	ETHYLAMINE, AQUEOUS SOLUTION with not less than 50% but not more than 70% ethylamine
LGBF		FL	3				S2	30	2271	ETHYL AMYL KETONE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2272	N-ETHYLANILINE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2273	2-ETHYLANILINE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2274	N-ETHYL-N-BENZYLANILINE
LGBF		FL	3				S2	30	2275	2-ETHYLBUTANOL

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2276	2-ETHYLHEXYLAMINE	3	FC	III	3+8		LQ7	P001 IBC03 R001		MP19	T4	TP1
2277	ETHYL METHACRYLATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2278	n-HEPTENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2279	HEXACHLOROBUTADIENE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2280	HEXAMETHYLENEDIAMINE, SOLID	8	C8	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10	T4	TP1
2281	HEXAMETHYLENE DIISOCYANATE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2 TP13
2282	HEXANOLS	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2283	ISOBUTYL METHACRYLATE, STABILIZED	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2284	ISOBUTYRONITRILE	3	FT1	II	3 +6.1		LQ0	P001 IBC02		MP19	T7	TP2 TP13
2285	ISOCYANATOBENZO-TRIFLUORIDES	6.1	TF1	II	6.1 +3		LQ17	P001 IBC02		MP15	T7	TP2
2286	PENTAMETHYLHEPTANE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2287	ISOHEPTENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2288	ISOHEXENE	3	F1	II	3		LQ4	P001 IBC02 R001	B8	MP19	T11	TP1
2289	ISOPHORONEDIAMINE	8	C7	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2290	ISOPHORONE DIISOCYANATE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP2
2291	LEAD COMPOUND, SOLUBLE, N.O.S.	6.1	T5	III	6.1	199 274 535	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2293	4-METHOXY-4-METHYLPENTAN-2-ONE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2294	N-METHYLANILINE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2295	METHYL CHLOROACETATE	6.1	TF1	I	6.1+3		LQ0	P001		MP8 MP17	T14	TP2 TP13
2296	METHYLCYCLOHEXANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		FL	3				S2	38	2276	2-ETHYLHEXYLAMINE
LGBF		FL	2				S2 S20	339	2277	ETHYL METHACRYLATE
LGBF		FL	2				S2 S20	33	2278	n-HEPTENE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2279	HEXACHLOROBUTADIENE
SGAV L4BN		AT	3		VV9b			80	2280	HEXAMETHYLENEDIAMINE, SOLID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2281	HEXAMETHYLENE DIISOCYANATE
LGBF		FL	3				S2	30	2282	HEXANOLS
LGBF		FL	3				S2	39	2283	ISOBUTYL METHACRYLATE, STABILIZED
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2284	ISOBUTYRONITRILE
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	2285	ISOCYANATOBENZO-TRIFLUORIDES
LGBF		FL	3				S2	30	2286	PENTAMETHYLHEPTANE
LGBF		FL	2				S2 S20	33	2287	ISOHEPTENE
LGBF		FL	2				S2 S20	33	2288	ISOHEXENE
L4BN		AT	3					80	2289	ISOPHORONEDIAMINE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2290	ISOPHORONE DIISOCYANATE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2291	LEAD COMPOUND, SOLUBLE, N.O.S.
LGBF		FL	3				S2	30	2293	4-METHOXY-4-METHYLPENTAN-2-ONE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2294	N-METHYLANILINE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2295	METHYL CHLOROACETATE
LGBF		FL	2				S2 S20	33	2296	METHYLCYCLOHEXANE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2297	METHYLCYCLO-HEXANONE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2298	METHYLCYCLOPENTANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2299	METHYL DICHLOROACETATE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2300	2-METHYL-5-ETHYLPYRIDINE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2301	2-METHYLFURAN	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2302	5-METHYLHEXAN-2-ONE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2303	ISOPROPENYLBENZENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2304	NAPHTHALENE, MOLTEN	4.1	F2	III	4.1	536	LQ0				T1	TP3
2305	NITROBENZENESULPHONIC ACID	8	C4	II	8		LQ23	P002 IBC08	B2 B4	MP10		
2306	NITROBENZOTRI-FLUORIDES, liquid	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2306	NITROBENZOTRI-FLUORIDES, solid	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10	T7	TP2
2307	3-NITRO-4-CHLORO-BENZOTRIFLUORIDE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP10	T7	TP2
2308	NITROSYLSULPHURIC ACID, LIQUID	8	C1	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
2308	NITROSYLSULPHURIC ACID, SOLID	8	C2	II	8		LQ23	P002 IBC08	B2 B4	MP10	T8	TP2 TP12
2309	OCTADIENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2310	PENTANE-2,4-DIONE	3	FT1	III	3+6.1		LQ7	P001 IBC03 R001		MP19	T4	TP1
2311	PHENETIDINES	6.1	T1	III	6.1	279	LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2312	PHENOL, MOLTEN	6.1	T1	II	6.1		LQ0				T7	TP3
2313	PICOLINES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1
2315	POLYCHLORINATED BIPHENYLS	9	M2	II	9	595	LQ29	P906 IBC02		MP15	T4	TP1
2316	SODIUM CUPROCYANIDE, SOLID	6.1	T5	I	6.1		LQ0	P002 IBC07	B1	MP18		
2317	SODIUM CUPROCYANIDE SOLUTION	6.1	T4	I	6.1		LQ0	P001		MP8 MP17	T14	TP2 TP13
2318	SODIUM HYDROSULPHIDE with less than 25% water of crystallization	4.2	S4	II	4.2	504	LQ0	P410 IBC06	B2	MP14		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	3				S2	30	2297	METHYLCYCLO-HEXANONE
LGBF		FL	2				S2 S20	33	2298	METHYLCYCLOPENTANE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2299	METHYL DICHLOROACETATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2300	2-METHYL-5-ETHYLPYRIDINE
LGBF		FL	2				S2 S20	33	2301	2-METHYLFURAN
LGBF		FL	3				S2	30	2302	5-METHYLHEXAN-2-ONE
LGBF		FL	3				S2	30	2303	ISOPROPENYLBENZENE
LGBV	TU27 TE4 TE6	AT	0					44	2304	NAPHTHALENE, MOLTEN
L4BN SGAN		AT	2					80	2305	NITROBENZENESULPHONIC ACID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2306	NITROBENZOTRI-FLUORIDES, liquid
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2306	NITROBENZOTRI-FLUORIDES, solid
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2307	3-NITRO-4-CHLORO-BENZOTRIFLUORIDE
L4BN		AT	2					X80	2308	NITROSYLSULPHURIC ACID, LIQUID
SGAN		AT	2					X80	2308	NITROSYLSULPHURIC ACID, SOLID
LGBF		FL	2				S2 S20	33	2309	OCTADIENE
L4BH	TU15 TE1	FL	3			CV13 CV28	S2	36	2310	PENTANE-2,4-DIONE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2311	PHENETIDINES
L4BH	TU15 TE1 TE19	AT	0			CV13 CV28	S9 S19	60	2312	PHENOL, MOLTEN
LGBF		FL	3				S2	30	2313	PICOLINES
L4BH	TU15 TE1	AT	0	V1		CV1 CV13	S19	90	2315	POLYCHLORINATED BIPHENYLS
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2316	SODIUM CUPROCYANIDE, SOLID
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2317	SODIUM CUPROCYANIDE SOLUTION
SGAN		AT	2	V1				40	2318	SODIUM HYDROSULPHIDE with less than 25% water of crystallization

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2319	TERPENE HYDROCARBONS, N.O.S.	3	F1	III	3	274	LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1 TP29
2320	TETRAETHYLENE-PENTAMINE	8	C7	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2321	TRICHLOROBENZENES, LIQUID	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2322	TRICHLOROBUTENE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2323	TRIETHYL PHOSPHITE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2324	TRIISOBUTYLENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1
2325	1,3,5-TRIMETHYLBENZENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2326	TRIMETHYLCYCLO-HEXYLAMINE	8	C7	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2327	TRIMETHYLHEXA-METHYLENEDIAMINES	8	C7	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2328	TRIMETHYLHEXA-METHYLENE DIISOCYANATE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP2 TP13
2329	TRIMETHYL PHOSPHITE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2330	UNDECANE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2331	ZINC CHLORIDE, ANHYDROUS	8	C2	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10		
2332	ACETALDEHYDE OXIME	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1
2333	ALLYL ACETATE	3	FT1	II	3+6.1		LQ0	P001 IBC02		MP19	T7	TP1 TP13
2334	ALLYLAMINE	6.1	TF1	I	6.1+3		LQ0	P602		MP8 MP17	T14	TP2 TP13
2335	ALLYL ETHYL ETHER	3	FT1	II	3+6.1		LQ0	P001 IBC02		MP19	T7	TP1 TP13
2336	ALLYL FORMATE	3	FT1	I	3+6.1		LQ0	P001		MP7 MP17	T14	TP2 TP13
2337	PHENYL MERCAPTAN	6.1	TF1	I	6.1+3		LQ0	P001		MP8 MP17	T14	TP2 TP13

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	3				S2	30	2319	TERPENE HYDROCARBONS, N.O.S.
L4BN		AT	3					80	2320	TETRAETHYLENE-PENTAMINE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2321	TRICHLOROBENZENES, LIQUID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2322	TRICHLOROBUTENE
LGBF		FL	3				S2	30	2323	TRIETHYL PHOSPHITE
LGBF		FL	3				S2	30	2324	TRIISOBUTYLENE
LGBF		FL	3				S2	30	2325	1,3,5-TRIMETHYLBENZENE
L4BN		AT	3					80	2326	TRIMETHYLCYCLO-HEXYLAMINE
L4BN		AT	3					80	2327	TRIMETHYLHEXA-METHYLENEDIAMINES
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2328	TRIMETHYLHEXA-METHYLENE DIISOCYANATE
LGBF		FL	3				S2	30	2329	TRIMETHYL PHOSPHITE
LGBF		FL	3				S2	30	2330	UNDECANE
SGAV		AT	3		VV9b			80	2331	ZINC CHLORIDE, ANHYDROUS
LGBF		FL	3				S2	30	2332	ACETALDEHYDE OXIME
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2333	ALLYL ACETATE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2334	ALLYLAMINE
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2335	ALLYL ETHYL ETHER
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2336	ALLYL FORMATE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2337	PHENYL MERCAPTAN

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2338	BENZOTRIFLUORIDE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2339	2-BROMOBUTANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2340	2-BROMOETHYL ETHYL ETHER	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2341	1-BROMO-3-METHYLBUTANE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2342	BROMOMETHYLPROPANES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2343	2-BROMOPENTANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2344	BROMOPROPANES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2344	BROMOPROPANES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2345	3-BROMOPROPYNE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2346	BUTANEDIONE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2347	BUTYL MERCAPTAN	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2348	BUTYL ACRYLATES, STABILIZED	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2350	BUTYL METHYL ETHER	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2351	BUTYL NITRITES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2351	BUTYL NITRITES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2352	BUTYL VINYL ETHER, STABILIZED	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2353	BUTYRYL CHLORIDE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T8	TP2 TP12 TP13
2354	CHLOROMETHYL ETHYL ETHER	3	FT1	II	3 +6.1		LQ0	P001 IBC02		MP19	T7	TP1 TP13
2356	2-CHLOROPROPANE	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2 TP13
2357	CYCLOHEXYLAMINE	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2
2358	CYCLOOCTATETRAENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2359	DIALLYLAMINE	3	FTC	II	3 +6.1 +8		LQ0	P001 IBC02		MP19	T7	TP1
2360	DIALLYL ETHER	3	FT1	II	3 +6.1		LQ0	P001 IBC02		MP19	T7	TP1 TP13

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	2				S2 S20	33	2338	BENZOTRIFLUORIDE
LGBF		FL	2				S2 S20	33	2339	2-BROMOBUTANE
LGBF		FL	2				S2 S20	33	2340	2-BROMOETHYL ETHYL ETHER
LGBF		FL	3				S2	30	2341	1-BROMO-3-METHYLBUTANE
LGBF		FL	2				S2 S20	33	2342	BROMOMETHYLPROPANES
LGBF		FL	2				S2 S20	33	2343	2-BROMOPENTANE
LGBF		FL	2				S2 S20	33	2344	BROMOPROPANES
LGBF		FL	3				S2	30	2344	BROMOPROPANES
LGBF		FL	2				S2 S20	33	2345	3-BROMOPROPYNE
LGBF		FL	2				S2 S20	33	2346	BUTANEDIONE
LGBF		FL	2				S2 S20	33	2347	BUTYL MERCAPTAN
LGBF		FL	3				S2	39	2348	BUTYL ACRYLATES, STABILIZED
LGBF		FL	2				S2 S20	33	2350	BUTYL METHYL ETHER
LGBF		FL	2				S2 S20	33	2351	BUTYL NITRITES
LGBF		FL	3				S2	30	2351	BUTYL NITRITES
LGBF		FL	2				S2 S20	339	2352	BUTYL VINYL ETHER, STABILIZED
L4BH	TE1	FL	2				S2 S20	338	2353	BUTYRYL CHLORIDE
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2354	CHLOROMETHYL ETHYL ETHER
L1,5BN		FL	1				S2 S20	33	2356	2-CHLOROPROPANE
L4BN		FL	2				S2	83	2357	CYCLOHEXYLAMINE
LGBF		FL	2				S2 S20	33	2358	CYCLOOCTATETRAENE
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	338	2359	DIALLYLAMINE
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2360	DIALLYL ETHER

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2361	DIISOBUTYLAMINE	3	FC	III	3+8		LQ7	P001 IBC03 R001		MP19	T4	TP1
2362	1,1-DICHLOROETHANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2363	ETHYL MERCAPTAN	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2 TP13
2364	n-PROPYLBENZENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2366	DIETHYL CARBONATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2367	alpha-METHYLVALERALDEHYDE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2368	alpha-PINENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2370	1-HEXENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2371	ISOPENTENES	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2
2372	1,2-DI-(DIMETHYLAMINO) ETHANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2373	DIETHOXYMETHANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2374	3,3-DIETHOXYPROPENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2375	DIETHYL SULPHIDE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T7	TP1 TP13
2376	2,3-DIHYDROPYRAN	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2377	1,1-DIMETHOXYETHANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T7	TP1
2378	2-DIMETHYLAMINO-ACETONITRILE	3	FT1	II	3 +6.1		LQ0	P001 IBC02		MP19	T7	TP1
2379	1,3-DIMETHYLBUTYLAMINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
2380	DIMETHYLDIETHOXYSILANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2381	DIMETHYL DISULPHIDE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2382	DIMETHYLHYDRAZINE, SYMMETRICAL	6.1	TF1	I	6.1 +3		LQ0	P001		MP8 MP17	T14	TP2 TP13
2383	DIPROPYLAMINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
2384	DI-n-PROPYL ETHER	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2385	ETHYL ISOBUTYRATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		FL	3				S2	38	2361	DIISOBUTYLAMINE
LGBF		FL	2				S2 S20	33	2362	1,1-DICHLOROETHANE
L1,5BN		FL	1				S2 S20	33	2363	ETHYL MERCAPTAN
LGBF		FL	3				S2	30	2364	n-PROPYLBENZENE
LGBF		FL	3				S2	30	2366	DIETHYL CARBONATE
LGBF		FL	2				S2 S20	33	2367	alpha-METHYLVALERALDEHYDE
LGBF		FL	3				S2	30	2368	alpha-PINENE
LGBF		FL	2				S2 S20	33	2370	1-HEXENE
L4BN		FL	1				S2 S20	33	2371	ISOPENTENES
LGBF		FL	2				S2 S20	33	2372	1,2-DI-(DIMETHYLAMINO) ETHANE
LGBF		FL	2				S2 S20	33	2373	DIETHOXYMETHANE
LGBF		FL	2				S2 S20	33	2374	3,3-DIETHOXYPROPENE
LGBF		FL	2				S2 S20	33	2375	DIETHYL SULPHIDE
LGBF		FL	2				S2 S20	33	2376	2,3-DIHYDROPYRAN
LGBF		FL	2				S2 S20	33	2377	1,1-DIMETHOXYETHANE
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2378	2-DIMETHYLAMINO-ACETONITRILE
L4BH	TE1	FL	2				S2 S20	338	2379	1,3-DIMETHYLBUTYLAMINE
LGBF		FL	2				S2 S20	33	2380	DIMETHYLDIETHOXYSILANE
LGBF		FL	2				S2 S20	33	2381	DIMETHYL DISULPHIDE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2382	DIMETHYLHYDRAZINE, SYMMETRICAL
L4BH	TE1	FL	2				S2 S20	338	2383	DIPROPYLAMINE
LGBF		FL	2				S2 S20	33	2384	DI-n-PROPYL ETHER
LGBF		FL	2				S2 S20	33	2385	ETHYL ISOBUTYRATE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2386	1-ETHYLPIPERIDINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
2387	FLUOROBENZENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2388	FLUOROTOLUENES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2389	FURAN	3	F1	I	3		LQ3	P001		MP7 MP17	T12	TP2 TP13
2390	2-IODOBUTANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2391	IODOMETHYLPROPANES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2392	IODOPROPANES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2393	ISOBUTYL FORMATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2394	ISOBUTYL PROPIONATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2395	ISOBUTYRYL CHLORIDE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP2
2396	METHACRYLALDEHYDE, STABILIZED	3	FT1	II	3+6.1		LQ0	P001 IBC02		MP19	T7	TP1 TP13
2397	3-METHYLBUTAN-2-ONE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2398	METHYL tert-BUTYL ETHER	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T7	TP1
2399	1-METHYLPIPERIDINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
2400	METHYL ISOVALERATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2401	PIPERIDINE	8	CF1	I	8+3		LQ20	P001		MP8 MP17	T10	TP2
2402	PROPANETHIOLS	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1 TP13
2403	ISOPROPENYL ACETATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2404	PROPIONITRILE	3	FT1	II	3+6.1		LQ0	P001 IBC02		MP19	T7	TP1 TP13
2405	ISOPROPYL BUTYRATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2406	ISOPROPYL ISOBUTYRATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2407	ISOPROPYL CHLOROFORMATE	6.1	TFC	I	6.1 +3 +8		LQ0	P602		MP8 MP17		
2409	ISOPROPYL PROPIONATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2410	1,2,3,6-TETRAHYDROPYRIDINE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TE1	FL	2				S2 S20	338	2386	1-ETHYLPIPERIDINE
LGBF		FL	2				S2 S20	33	2387	FLUOROBENZENE
LGBF		FL	2				S2 S20	33	2388	FLUOROTOLUENES
L4BN		FL	1				S2 S20	33	2389	FURAN
LGBF		FL	2				S2 S20	33	2390	2-IODOBUTANE
LGBF		FL	2				S2 S20	33	2391	IODOMETHYLPROPANES
LGBF		FL	3				S2	30	2392	IODOPROPANES
LGBF		FL	2				S2 S20	33	2393	ISOBUTYL FORMATE
LGBF		FL	3				S2	30	2394	ISOBUTYL PROPIONATE
L4BH	TE1	FL	2				S2 S20	338	2395	ISOBUTYRYL CHLORIDE
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2396	METHACRYLALDEHYDE, STABILIZED
LGBF		FL	2				S2 S20	33	2397	3-METHYLBUTAN-2-ONE
LGBF		FL	2				S2 S20	33	2398	METHYL tert-BUTYL ETHER
L4BH	TE1	FL	2				S2 S20	338	2399	1-METHYLPIPERIDINE
LGBF		FL	2				S2 S20	33	2400	METHYL ISOVALERATE
L10BH	TE1	FL	1				S2 S20	883	2401	PIPERIDINE
LGBF		FL	2				S2 S20	33	2402	PROPANETHIOLS
LGBF		FL	2				S2 S20	33	2403	ISOPROPENYL ACETATE
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2404	PROPIONITRILE
LGBF		FL	3				S2	30	2405	ISOPROPYL BUTYRATE
LGBF		FL	2				S2 S20	33	2406	ISOPROPYL ISOBUTYRATE
	TE19		1			CV1 CV13 CV28	S2 S9 S17		2407	ISOPROPYL CHLOROFORMATE
LGBF		FL	2				S2 S20	33	2409	ISOPROPYL PROPIONATE
LGBF		FL	2				S2 S20	33	2410	1,2,3,6-TETRAHYDROPYRIDINE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2411	BUTYRONITRILE	3	FT1	II	3+6.1		LQ0	P001 IBC02		MP19	T7	TP1 TP13
2412	TETRAHYDROTHIOPHENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2413	TETRAPROPYL ORTHOTITANATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1
2414	THIOPHENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2416	TRIMETHYL BORATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T7	TP1
2417	CARBONYL FLUORIDE, COMPRESSED	2	1TC		2.3+8		LQ0	P200		MP9		
2418	SULPHUR TETRAFLUORIDE	2	2TC		2.3+8		LQ0	P200		MP9		
2419	BROMOTRIFLUORO-ETHYLENE	2	2F		2.1		LQ0	P200		MP9		
2420	HEXAFLUOROACETONE	2	2TC		2.3+8		LQ0	P200		MP9		
2421	NITROGEN TRIOXIDE	2	2TOC	CARRIAGE PROHIBITED								
2422	OCTAFLUOROBUT-2-ENE (REFRIGERANT GAS R 1318)	2	2A		2.2		LQ1	P200		MP9		
2424	OCTAFLUOROPROPANE (REFRIGERANT GAS R 218)	2	2A		2.2		LQ1	P200		MP9	T50	
2426	AMMONIUM NITRATE, LIQUID, hot concentrated solution, in a concentration of more than 80% but not more than 93%	5.1	O1		5.1	252 644	LQ0				T7	TP1 TP16 TP17
2427	POTASSIUM CHLORATE, AQUEOUS SOLUTION	5.1	O1	II	5.1		LQ10	P504 IBC02		MP2	T4	TP1
2427	POTASSIUM CHLORATE, AQUEOUS SOLUTION	5.1	O1	III	5.1		LQ13	P504 IBC02 R001		MP2	T4	TP1
2428	SODIUM CHLORATE, AQUEOUS SOLUTION	5.1	O1	II	5.1		LQ10	P504 IBC02		MP2	T4	TP1
2428	SODIUM CHLORATE, AQUEOUS SOLUTION	5.1	O1	III	5.1		LQ13	P504 IBC02 R001		MP2	T4	TP1
2429	CALCIUM CHLORATE, AQUEOUS SOLUTION	5.1	O1	II	5.1		LQ10	P504 IBC02		MP2	T4	TP1
2429	CALCIUM CHLORATE, AQUEOUS SOLUTION	5.1	O1	III	5.1		LQ13	P504 IBC02 R001		MP2	T4	TP1
2430	ALKYLPHENOLS, SOLID, N.O.S. (including C_2-C_{12} homologues)	8	C4	I	8	274	LQ21	P002 IBC07	B1	MP18	T10	TP2 TP9 TP28
2430	ALKYLPHENOLS, SOLID, N.O.S. (including C_2-C_{12} homologues)	8	C4	II	8	274	LQ23	P002 IBC08	B2 B4	MP10	T3	TP2
2430	ALKYLPHENOLS, SOLID, N.O.S. (including C_2-C_{12} homologues)	8	C4	III	8	274	LQ24	P002 IBC08 LP02 R001	B3	MP10	T3	TP1
2431	ANISIDINES	6.1	T1	III	6.1		LQ9	P001 IBC03 LP01 R001		MP15	T4	TP1
2432	N,N-DIETHYLANILINE	6.1	T1	III	6.1	279	LQ9	P001 IBC03 LP01 R001		MP15	T4	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identifi-cation No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2411	BUTYRONITRILE
LGBF		FL	2				S2 S20	33	2412	TETRAHYDROTHIOPHENE
LGBF		FL	3				S2	30	2413	TETRAPROPYL ORTHOTITANATE
LGBF		FL	2				S2 S20	33	2414	THIOPHENE
LGBF		FL	2				S2 S20	33	2416	TRIMETHYL BORATE
CxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	268	2417	CARBONYL FLUORIDE, COMPRESSED
			1	V7		CV9 CV10	S7 S17		2418	SULPHUR TETRAFLUORIDE
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	2419	BROMOTRIFLUORO-ETHYLENE
PxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	268	2420	HEXAFLUOROACETONE
CARRIAGE PROHIBITED									2421	NITROGEN TRIOXIDE
PxBN(M)		AT	3	V7		CV9 CV10		20	2422	OCTAFLUOROBUT-2-ENE (REFRIGERANT GAS R 1318)
PxBN(M)		AT	3	V7		CV9 CV10		20	2424	OCTAFLUOROPROPANE (REFRIGERANT GAS R 218)
L4BV	TU3 TU12 TU29 TC3 TE9 TE10 TA1	AT	0					59	2426	AMMONIUM NITRATE, LIQUID, hot concentrated solution, in a concentration of more than 80% but not more than 93%
L4BN	TU3	AT	2	V6		CV24		50	2427	POTASSIUM CHLORATE, AQUEOUS SOLUTION
LGBV	TU3	AT	3	V6		CV24		50	2427	POTASSIUM CHLORATE, AQUEOUS SOLUTION
L4BN	TU3	AT	2			CV24		50	2428	SODIUM CHLORATE, AQUEOUS SOLUTION
LGBV	TU3	AT	3			CV24		50	2428	SODIUM CHLORATE, AQUEOUS SOLUTION
L4BN	TU3	AT	2			CV24		50	2429	CALCIUM CHLORATE, AQUEOUS SOLUTION
LGBV	TU3	AT	3			CV24		50	2429	CALCIUM CHLORATE, AQUEOUS SOLUTION
S10AN L10BH	TE1	AT	1				S20	88	2430	ALKYLPHENOLS, SOLID, N.O.S. (including C2-C12 homologues)
SGAN L4BN		AT	2					80	2430	ALKYLPHENOLS, SOLID, N.O.S. (including C2-C12 homologues)
SGAV L4BN		AT	3		VV9b			80	2430	ALKYLPHENOLS, SOLID, N.O.S. (including C2-C12 homologues)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2431	ANISIDINES
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2432	N,N-DIETHYLANILINE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2433	CHLORONITROTOLUENES, LIQUID	6.1	T1	III	6.1		LQ9	P001 IBC03 LP01 R001		MP15	T4	TP1
2433	CHLORONITROTOLUENES, SOLID	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2434	DIBENZYLDICHLOROSILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP13
2435	ETHYLPHENYLDICHLORO-SILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP13
2436	THIOACETIC ACID	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2437	METHYLPHENYLDICHLORO-SILANE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2 TP13
2438	TRIMETHYLACETYL CHLORIDE	6.1	TFC	I	6.1 +3 +8		LQ0	P001		MP8 MP17	T14	TP2 TP13
2439	SODIUM HYDROGENDIFLUORIDE	8	C2	II	8		LQ23	P002 IBC08	B2 B4	MP10		
2440	STANNIC CHLORIDE PENTAHYDRATE	8	C2	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10		
2441	TITANIUM TRICHLORIDE, PYROPHORIC or TITANIUM TRICHLORIDE MIXTURE, PYROPHORIC	4.2	SC4	I	4.2 +8	537	LQ0	P404		MP13		
2442	TRICHLOROACETYL CHLORIDE	8	C3	II	8		LQ22	P001		MP15	T7	TP2
2443	VANADIUM OXYTRICHLORIDE	8	C1	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2444	VANADIUM TETRACHLORIDE	8	C1	I	8		LQ20	P802		MP8 MP17	T10	TP2
2445	LITHIUM ALKYLS	4.2	SW	I	4.2 +4.3	274	LQ0	P400 PR1		MP2	T21	TP2 TP7
2446	NITROCRESOLS, liquid	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2446	NITROCRESOLS, solid	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2447	PHOSPHORUS, WHITE, MOLTEN	4.2	ST3	I	4.2 +6.1		LQ0				T21	TP3 TP7 TP26
2448	SULPHUR, MOLTEN	4.1	F3	III	4.1	538	LQ0				T1	TP3
2451	NITROGEN TRIFLUORIDE, COMPRESSED	2	1O		2.2 +5.1		LQ0	P200		MP9		
2452	ETHYLACETYLENE, STABILIZED	2	2F		2.1		LQ0	P200		MP9		
2453	ETHYL FLUORIDE (REFRIGERANT GAS R 161)	2	2F		2.1		LQ0	P200		MP9		
2454	METHYL FLUORIDE (REFRIGERANT GAS R 41)	2	2F		2.1		LQ0	P200		MP9		
2455	METHYL NITRITE	2	2A	CARRIAGE PROHIBITED								
2456	2-CHLOROPROPENE	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2
2457	2,3-DIMETHYLBUTANE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T7	TP1

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2433	CHLORONITROTOLUENES, LIQUID
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2433	CHLORONITROTOLUENES, SOLID
L4BN		AT	2					X80	2434	DIBENZYLDICHLOROSILANE
L4BN		AT	2					X80	2435	ETHYLPHENYLDICHLORO-SILANE
LGBF		FL	2				S2 S20	33	2436	THIOACETIC ACID
L4BN		AT	2					X80	2437	METHYLPHENYLDICHLORO-SILANE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2438	TRIMETHYLACETYL CHLORIDE
SGAN		AT	2					80	2439	SODIUM HYDROGENDIFLUORIDE
SGAV		AT	3		VV9b			80	2440	STANNIC CHLORIDE PENTAHYDRATE
			0	V1			S20		2441	TITANIUM TRICHLORIDE, PYROPHORIC or TITANIUM TRICHLORIDE MIXTURE, PYROPHORIC
L4BN		AT	2					X80	2442	TRICHLOROACETYL CHLORIDE
L4BN		AT	2					80	2443	VANADIUM OXYTRICHLORIDE
L10BH	TE1	AT	1				S20	X88	2444	VANADIUM TETRACHLORIDE
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	2445	LITHIUM ALKYLS
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2446	NITROCRESOLS, liquid
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2446	NITROCRESOLS, solid
L10DH(+)	TU14 TU16 TU21 TE3	AT	0			CV28		446	2447	PHOSPHORUS, WHITE, MOLTEN
LGBV(+)	TU27 TU32 TE4 TE6	AT	0					44	2448	SULPHUR, MOLTEN
CxBN(M)		AT	3	V7		CV9 CV10		25	2451	NITROGEN TRIFLUORIDE, COMPRESSED
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	239	2452	ETHYLACETYLENE, STABILIZED
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	2453	ETHYL FLUORIDE (REFRIGERANT GAS R 161)
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	2454	METHYL FLUORIDE (REFRIGERANT GAS R 41)
CARRIAGE PROHIBITED									2455	METHYL NITRITE
L4BN		FL	1				S2 S20	33	2456	2-CHLOROPROPENE
LGBF		FL	2				S2 S20	33	2457	2,3-DIMETHYLBUTANE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2458	HEXADIENES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2459	2-METHYL-1-BUTENE	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2
2460	2-METHYL-2-BUTENE	3	F1	II	3		LQ4	P001 IBC02	B8	MP19	T7	TP1
2461	METHYLPENTADIENE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2463	ALUMINIUM HYDRIDE	4.3	W2	I	4.3		LQ0	P403		MP2		
2464	BERYLLIUM NITRATE	5.1	OT2	II	5.1 +6.1		LQ11	P002 IBC08	B2 B4	MP2		
2465	DICHLOROISOCYANURIC ACID, DRY or DICHLOROISOCYANURIC ACID SALTS	5.1	O2	II	5.1	135	LQ11	P002 IBC08	B4	MP10		
2466	POTASSIUM SUPEROXIDE	5.1	O2	I	5.1		LQ0	P503 IBC06	B1	MP2		
2468	TRICHLOROISOCYANURIC ACID, DRY	5.1	O2	II	5.1		LQ11	P002 IBC08	B4	MP10		
2469	ZINC BROMATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3 B4	MP10		
2470	PHENYLACETONITRILE, LIQUID	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2471	OSMIUM TETROXIDE	6.1	T5	I	6.1		LQ0	P002 IBC07	PP30 B1	MP18		
2473	SODIUM ARSANILATE	6.1	T3	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2474	THIOPHOSGENE	6.1	T1	II	6.1	279	LQ17	P001		MP15	T7	TP2
2475	VANADIUM TRICHLORIDE	8	C2	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10		
2477	METHYL ISOTHIOCYANATE	6.1	TF1	I	6.1+3		LQ0	P001		MP8 MP17	T14	TP2 TP13
2478	ISOCYANATES, FLAMMABLE, TOXIC, N.O.S. or ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.	3	FT1	II	3+6.1	274 539	LQ0	P001 IBC02		MP19	T11	TP2 TP13 TP27
2478	ISOCYANATES, FLAMMABLE, TOXIC, N.O.S. or ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.	3	FT1	III	3+6.1	274 539	LQ7	P001 IBC03 R001		MP19	T7	TP1 TP13 TP28
2480	METHYL ISOCYANATE	6.1	TF1	I	6.1+3		LQ0	P601 PR5		MP2		
2481	ETHYL ISOCYANATE	3	FT1	I	3+6.1		LQ0	P601 PR5		MP2	T14	TP2 TP13
2482	n-PROPYL ISOCYANATE	6.1	TF1	I	6.1+3		LQ0	P001		MP8 MP17	T14	TP2 TP13
2483	ISOPROPYL ISOCYANATE	3	FT1	I	3+6.1		LQ0	P001		MP7 MP17	T14	TP2 TP13
2484	tert-BUTYL ISOCYANATE	6.1	TF1	I	6.1+3		LQ0	P001		MP8 MP17	T14	TP2 TP13

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	2				S2 S20	33	2458	HEXADIENES
L4BN		FL	1				S2 S20	33	2459	2-METHYL-1-BUTENE
L1.5BN		FL	2				S2 S20	33	2460	2-METHYL-2-BUTENE
LGBF		FL	2				S2 S20	33	2461	METHYLPENTADIENE
			1	V1		CV23			2463	ALUMINIUM HYDRIDE
SGAN	TU3	AT	2			CV24 CV28		56	2464	BERYLLIUM NITRATE
SGAN	TU3	AT	2			CV24		50	2465	DICHLOROISOCYANURIC ACID, DRY or DICHLOROISOCYANURIC ACID SALTS
			1			CV24			2466	POTASSIUM SUPEROXIDE
SGAN	TU3	AT	2			CV24		50	2468	TRICHLOROISOCYANURIC ACID, DRY
SGAV	TU3	AT	3		VV8	CV24		50	2469	ZINC BROMATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2470	PHENYLACETONITRILE, LIQUID
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2471	OSMIUM TETROXIDE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2473	SODIUM ARSANILATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2474	THIOPHOSGENE
SGAV		AT	3		VV9b			80	2475	VANADIUM TRICHLORIDE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2477	METHYL ISOTHIOCYANATE
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2478	ISOCYANATES, FLAMMABLE, TOXIC, N.O.S. or ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.
L4BH	TU15 TE1	FL	3			CV13 CV28	S2	36	2478	ISOCYANATES, FLAMMABLE, TOXIC, N.O.S. or ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.
	TE19		1			CV1 CV13 CV28	S2 S9 S17		2480	METHYL ISOCYANATE
			0			CV13 CV28	S2 S19		2481	ETHYL ISOCYANATE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2482	n-PROPYL ISOCYANATE
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2483	ISOPROPYL ISOCYANATE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2484	tert-BUTYL ISOCYANATE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2485	n-BUTYL ISOCYANATE	6.1	TF1	I	6.1+3		LQ0	P001		MP8 MP17	T14	TP2 TP13
2486	ISOBUTYL ISOCYANATE	3	FT1	II	3+6.1		LQ0	P001		MP19	T8	TP2 TP13
2487	PHENYL ISOCYANATE	6.1	TF1	I	6.1+3		LQ0	P001		MP8 MP17	T14	TP2 TP13
2488	CYCLOHEXYL ISOCYANATE	6.1	TF1	I	6.1+3		LQ0	P001		MP8 MP17	T14	TP2 TP13
2490	DICHLOROISOPROPYL ETHER	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2491	ETHANOLAMINE or ETHANOLAMINE SOLUTION	8	C7	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2493	HEXAMETHYLENEIMINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
2495	IODINE PENTAFLUORIDE	5.1	OTC	I	5.1 +6.1 +8		LQ0	P200		MP2		
2496	PROPIONIC ANHYDRIDE	8	C3	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2498	1,2,3,6-TETRAHYDROBENZALDEHYDE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2501	TRIS-(1-AZIRIDINYL) PHOSPHINE OXIDE SOLUTION	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2501	TRIS-(1-AZIRIDINYL) PHOSPHINE OXIDE SOLUTION	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2502	VALERYL CHLORIDE	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2
2503	ZIRCONIUM TETRACHLORIDE	8	C2	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10		
2504	TETRABROMOETHANE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2505	AMMONIUM FLUORIDE	6.1	T5	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2506	AMMONIUM HYDROGEN SULPHATE	8	C2	II	8		LQ23	P002 IBC08	B2 B4	MP10		
2507	CHLOROPLATINIC ACID, SOLID	8	C2	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10		
2508	MOLYBDENUM PENTACHLORIDE	8	C2	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10		
2509	POTASSIUM HYDROGEN SULPHATE	8	C2	II	8		LQ23	P002 IBC08	B2 B4	MP10		
2511	2-CHLOROPROPIONIC ACID, SOLUTION	8	C3	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP2

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2485	n-BUTYL ISOCYANATE
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2486	ISOBUTYL ISOCYANATE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2487	PHENYL ISOCYANATE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2488	CYCLOHEXYL ISOCYANATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2490	DICHLOROISOPROPYL ETHER
L4BN		AT	3					80	2491	ETHANOLAMINE or ETHANOLAMINE SOLUTION
L4BH	TE1	FL	2				S2 S20	338	2493	HEXAMETHYLENEIMINE
L10DH	TU3	AT	0			CV24 CV28		568	2495	IODINE PENTAFLUORIDE
L4BN		AT	3					80	2496	PROPIONIC ANHYDRIDE
LGBF		FL	3				S2	30	2498	1,2,3,6-TETRAHYDROBENZAL-DEHYDE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2501	TRIS-(1-AZIRIDINYL) PHOSPHINE OXIDE SOLUTION
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2501	TRIS-(1-AZIRIDINYL) PHOSPHINE OXIDE SOLUTION
L4BN		FL	2				S2	83	2502	VALERYL CHLORIDE
SGAV		AT	3		VV9b			80	2503	ZIRCONIUM TETRACHLORIDE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2504	TETRABROMOETHANE
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2505	AMMONIUM FLUORIDE
SGAV		AT	2		VV9a			80	2506	AMMONIUM HYDROGEN SULPHATE
SGAV		AT	3		VV9b			80	2507	CHLOROPLATINIC ACID, SOLID
SGAV		AT	3		VV9b			80	2508	MOLYBDENUM PENTACHLORIDE
SGAV		AT	2		VV9a			80	2509	POTASSIUM HYDROGEN SULPHATE
L4BN		AT	3					80	2511	2-CHLOROPROPIONIC ACID, SOLUTION

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2511	2-CHLOROPROPIONIC ACID, SOLID	8	C4	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10	T4	TP2
2512	AMINOPHENOLS (o-, m-, p-)	6.1	T2	III	6.1	279	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2513	BROMOACETYL BROMIDE	8	C3	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
2514	BROMOBENZENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2515	BROMOFORM	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2516	CARBON TETRABROMIDE	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2517	1-CHLORO-1,1-DIFLUOROETHANE (REFRIGERANT GAS R 142b)	2	2F		2.1		LQ0	P200		MP9	T50	
2518	1,5,9-CYCLODODECATRIENE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2520	CYCLOOCTADIENES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2521	DIKETENE, STABILIZED	6.1	TF1	I	6.1+3		LQ0	P001		MP8 MP17	T14	TP2 TP13
2522	2-DIMETHYLAMINOETHYL METHACRYLATE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2524	ETHYL ORTHOFORMATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2525	ETHYL OXALATE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2526	FURFURYLAMINE	3	FC	III	3+8		LQ7	P001 IBC03 R001		MP19	T4	TP1
2527	ISOBUTYL ACRYLATE, STABILIZED	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2528	ISOBUTYL ISOBUTYRATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2529	ISOBUTYRIC ACID	3	FC	III	3+8		LQ7	P001 IBC03 R001		MP19	T4	TP1
2531	METHACRYLIC ACID, STABILIZED	8	C3	II	8		LQ22	P001 IBC02 LP01		MP15	T7	TP1 TP18
2533	METHYL TRICHLOROACETATE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAV L4BN		AT	3		VV9b			80	2511	2-CHLOROPROPIONIC ACID, SOLID
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2512	AMINOPHENOLS (o-, m-, p-)
L4BN		AT	2					X80	2513	BROMOACETYL BROMIDE
LGBF		FL	3				S2	30	2514	BROMOBENZENE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2515	BROMOFORM
L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2516	CARBON TETRABROMIDE
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	2517	1-CHLORO-1,1-DIFLUOROETHANE (REFRIGERANT GAS R 142b)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2518	1,5,9-CYCLODODECATRIENE
LGBF		FL	3				S2	30	2520	CYCLOOCTADIENES
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2521	DIKETENE, STABILIZED
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	69	2522	2-DIMETHYLAMINOETHYL METHACRYLATE
LGBF		FL	3				S2	30	2524	ETHYL ORTHOFORMATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2525	ETHYL OXALATE
L4BN		FL	3				S2	38	2526	FURFURYLAMINE
LGBF		FL	3				S2	39	2527	ISOBUTYL ACRYLATE, STABILIZED
LGBF		FL	3				S2	30	2528	ISOBUTYL ISOBUTYRATE
L4BN		FL	3				S2	38	2529	ISOBUTYRIC ACID
L4BN		AT	2					89	2531	METHACRYLIC ACID, STABILIZED
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2533	METHYL TRICHLOROACETATE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2534	METHYLCHLOROSILANE	2	2TFC		2.3 +2.1 +8		LQ0	P200		MP9		
2535	4-METHYLMORPHOLINE (N-METHYLMORPHOLINE)	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
2536	METHYLTETRAHYDRO-FURAN	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2538	NITRONAPHTHALENE	4.1	F1	III	4.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2541	TERPINOLENE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2542	TRIBUTYLAMINE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2545	HAFNIUM POWDER, DRY	4.2	S4	I	4.2	540	LQ0	P404		MP13		
2545	HAFNIUM POWDER, DRY	4.2	S4	II	4.2	540	LQ0	P410 IBC06	B2	MP14		
2545	HAFNIUM POWDER, DRY	4.2	S4	III	4.2	540	LQ0	P002 IBC08 LP02 R001	B3	MP14		
2546	TITANIUM POWDER, DRY	4.2	S4	I	4.2	540	LQ0	P404		MP13		
2546	TITANIUM POWDER, DRY	4.2	S4	II	4.2	540	LQ0	P410 IBC06	B2	MP14		
2546	TITANIUM POWDER, DRY	4.2	S4	III	4.2	540	LQ0	P002 IBC08 LP02 R001	B3	MP14		
2547	SODIUM SUPEROXIDE	5.1	O2	I	5.1		LQ0	P503 IBC06	B1	MP2		
2548	CHLORINE PENTAFLUORIDE	2	2TOC		2.3 +5.1 +8		LQ0	P200		MP9		
2552	HEXAFLUOROACETONE HYDRATE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2554	METHYLALLYL CHLORIDE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1 TP13
2555	NITROCELLULOSE WITH WATER (not less than 25% water, by mass)	4.1	D	II	4.1	541	LQ0	P406		MP2		
2556	NITROCELLULOSE WITH ALCOHOL (not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass)	4.1	D	II	4.1	541	LQ0	P406		MP2		
2557	NITROCELLULOSE, with not more than 12.6% nitrogen, by dry mass, MIXTURE WITH or WITHOUT PLASTICIZER, WITH or WITHOUT PIGMENT	4.1	D	II	4.1	241 541	LQ0	P406		MP2		
2558	EPIBROMOHYDRIN	6.1	TF1	I	6.1+3		LQ0	P001		MP8 MP17	T14	TP2 TP13
2560	2-METHYLPENTAN-2-OL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2561	3-METHYL-1-BUTENE	3	F1	I	3		LQ3	P001		MP7 MP17	T11	TP2
2564	TRICHLOROACETIC ACID SOLUTION	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V7		CV9 CV10	S2 S7 S17		2534	METHYLCHLOROSILANE
L4BH	TE1	FL	2				S2 S20	338	2535	4-METHYLMORPHOLINE (N-METHYLMORPHOLINE)
LGBF		FL	2				S2 S20	33	2536	METHYLTETRAHYDRO-FURAN
SGAV		AT	3		VV1			40	2538	NITRONAPHTHALENE
LGBF		FL	3				S2	30	2541	TERPINOLENE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2542	TRIBUTYLAMINE
			0	V1			S20		2545	HAFNIUM POWDER, DRY
SGAN		AT	2	V1				40	2545	HAFNIUM POWDER, DRY
SGAN		AT	3	V1				40	2545	HAFNIUM POWDER, DRY
			0	V1			S20		2546	TITANIUM POWDER, DRY
SGAN		AT	2	V1				40	2546	TITANIUM POWDER, DRY
SGAN		AT	3	V1				40	2546	TITANIUM POWDER, DRY
			1			CV24			2547	SODIUM SUPEROXIDE
			1	V7		CV9 CV10	S7 S17		2548	CHLORINE PENTAFLUORIDE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2552	HEXAFLUOROACETONE HYDRATE
LGBF		FL	2				S2 S20	33	2554	METHYLALLYL CHLORIDE
			2				S17		2555	NITROCELLULOSE WITH WATER (not less than 25% water, by mass)
			2				S17		2556	NITROCELLULOSE WITH ALCOHOL (not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass)
			2				S17		2557	NITROCELLULOSE, with not more than 12.6% nitrogen, by dry mass, MIXTURE WITH or WITHOUT PLASTICIZER, WITH or WITHOUT PIGMENT
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2558	EPIBROMOHYDRIN
LGBF		FL	3				S2	30	2560	2-METHYLPENTAN-2-OL
L4BN		FL	1				S2 S20	33	2561	3-METHYL-1-BUTENE
L4BN		AT	2					80	2564	TRICHLOROACETIC ACID SOLUTION

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2564	TRICHLOROACETIC ACID SOLUTION	8	C3	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2565	DICYCLOHEXYLAMINE	8	C7	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2567	SODIUM PENTACHLOROPHENATE	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
2570	CADMIUM COMPOUND	6.1	T5	I	6.1	274 596	LQ0	P002 IBC07	B1	MP18		
2570	CADMIUM COMPOUND	6.1	T5	II	6.1	274 596	LQ18	P002 IBC07		MP10		
2570	CADMIUM COMPOUND	6.1	T5	III	6.1	274 596	LQ9	P002 IBC07 R001		MP10		
2571	ALKYLSULPHURIC ACIDS	8	C3	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12 TP13
2572	PHENYLHYDRAZINE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2573	THALLIUM CHLORATE	5.1	OT2	II	5.1 +6.1		LQ11	P002 IBC06	B2	MP2		
2574	TRICRESYL PHOSPHATE with more than 3% ortho isomer	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2576	PHOSPHORUS OXYBROMIDE, MOLTEN	8	C1	II	8		LQ0				T7	TP3 TP13
2577	PHENYLACETYL CHLORIDE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2578	PHOSPHORUS TRIOXIDE	8	C2	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10		
2579	PIPERAZINE	8	C8	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10	T4	TP1
2580	ALUMINIUM BROMIDE SOLUTION	8	C1	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2581	ALUMINIUM CHLORIDE SOLUTION	8	C1	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2582	FERRIC CHLORIDE SOLUTION	8	C1	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2583	ALKYLSULPHONIC ACIDS, SOLID or ARYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid	8	C2	II	8	274	LQ23	P002 IBC08	B2 B4	MP10		
2584	ALKYLSULPHONIC ACIDS, LIQUID or ARYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid	8	C1	II	8	274	LQ22	P001 IBC02		MP15	T8	TP2 TP12 TP13
2585	ALKYLSULPHONIC ACIDS, SOLID or ARYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid	8	C4	III	8	274	LQ24	P002 IBC08 LP02 R001	B3	MP10		
2586	ALKYLSULPHONIC ACIDS, LIQUID or ARYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid	8	C3	III	8	274	LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		AT	3					80	2564	TRICHLOROACETIC ACID SOLUTION
L4BN		AT	3					80	2565	DICYCLOHEXYLAMINE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2567	SODIUM PENTACHLOROPHENATE
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2570	CADMIUM COMPOUND
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2570	CADMIUM COMPOUND
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2570	CADMIUM COMPOUND
L4BN		AT	2					80	2571	ALKYLSULPHURIC ACIDS
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2572	PHENYLHYDRAZINE
SGAN	TU3	AT	2			CV24 CV28		56	2573	THALLIUM CHLORATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2574	TRICRESYL PHOSPHATE with more than 3% ortho isomer
L4BN		AT	0					80	2576	PHOSPHORUS OXYBROMIDE, MOLTEN
L4BN		AT	2					80	2577	PHENYLACETYL CHLORIDE
SGAV		AT	3		VV9b			80	2578	PHOSPHORUS TRIOXIDE
SGAV L4BN		AT	3		VV9b			80	2579	PIPERAZINE
L4BN		AT	3					80	2580	ALUMINIUM BROMIDE SOLUTION
L4BN		AT	3					80	2581	ALUMINIUM CHLORIDE SOLUTION
L4BN		AT	3					80	2582	FERRIC CHLORIDE SOLUTION
S4BN		AT	2					80	2583	ALKYLSULPHONIC ACIDS, SOLID or ARYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid
L4BN		AT	2					80	2584	ALKYLSULPHONIC ACIDS, LIQUID or ARYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid
SGAV		AT	3		VV9b			80	2585	ALKYLSULPHONIC ACIDS, SOLID or ARYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid
L4BN		AT	3					80	2586	ALKYLSULPHONIC ACIDS, LIQUID or ARYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2587	BENZOQUINONE	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
2588	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	T7	I	6.1	61	LQ0	P002 IBC02		MP18		
2588	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
2588	PESTICIDE, SOLID, TOXIC, N.O.S.	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2589	VINYL CHLOROACETATE	6.1	TF1	II	6.1+3		LQ17	P001 IBC02		MP15	T7	TP2
2590	WHITE ASBESTOS (chrysotile, actinolite, anthophyllite, tremolite)	9	M1	III	9	168 542	LQ27	P002 IBC08 R001	PP37 B2 B4	MP10		
2591	XENON, REFRIGERATED LIQUID	2	3A		2.2	593	LQ1	P203		MP9	T75	
2599	CHLOROTRIFLUORO-METHANE AND TRIFLUOROMETHANE AZEOTROPIC MIXTURE with approximately 60% chlorotrifluoromethane (REFRIGERANT GAS R 503)	2	2A		2.2		LQ1	P200		MP9		
2600	CARBON MONOXIDE AND HYDROGEN MIXTURE, COMPRESSED	2	1TF		2.3 +2.1		LQ0	P200		MP9		
2601	CYCLOBUTANE	2	2F		2.1		LQ0	P200		MP9		
2602	DICHLORODIFLUORO-METHANE AND DIFLUOROETHANE AZEOTROPIC MIXTURE with approximately 74% dichlorodifluoromethane (REFRIGERANT GAS R 500)	2	2A		2.2		LQ1	P200		MP9	T50	
2603	CYCLOHEPTATRIENE	3	FT1	II	3+6.1		LQ0	P001 IBC02		MP19	T7	TP1 TP13
2604	BORON TRIFLUORIDE DIETHYL ETHERATE	8	CF1	I	8+3		LQ20	P001		MP8 MP17	T10	TP2
2605	METHOXYMETHYL ISOCYANATE	3	FT1	I	3+6.1		LQ0	P001		MP7 MP17	T14	TP2 TP13
2606	METHYL ORTHOSILICATE	6.1	TF1	I	6.1+3		LQ0	P001		MP8 MP17	T14	TP2 TP13
2607	ACROLEIN DIMER, STABILIZED	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2608	NITROPROPANES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2609	TRIALLYL BORATE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15		
2610	TRIALLYLAMINE	3	FC	III	3+8		LQ7	P001 IBC03 R001		MP19	T4	TP1
2611	PROPYLENE CHLOROHYDRIN	6.1	TF1	II	6.1+3		LQ17	P001 IBC02		MP15	T7	TP2 TP13
2612	METHYL PROPYL ETHER	3	F1	II	3		LQ4	P001 IBC02	B8	MP19	T7	TP2

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2587	BENZOQUINONE
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2588	PESTICIDE, SOLID, TOXIC, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2588	PESTICIDE, SOLID, TOXIC, N.O.S.
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2588	PESTICIDE, SOLID, TOXIC, N.O.S.
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	2589	VINYL CHLOROACETATE
SGAH	TU15 TE1	AT	3	V1		CV13		90	2590	WHITE ASBESTOS (chrysotile, actinolite, anthophyllite, tremolite)
RxBN(M)	TU19	AT	3	V5 V7		CV9 CV11	S20	22	2591	XENON, REFRIGERATED LIQUID
PxBN(M)		AT	3	V7		CV9 CV10		20	2599	CHLOROTRIFLUORO-METHANE AND TRIFLUOROMETHANE AZEOTROPIC MIXTURE with approximately 60% chlorotrifluoromethane (REFRIGERANT GAS R 503)
CxBH(M)	TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	2600	CARBON MONOXIDE AND HYDROGEN MIXTURE, COMPRESSED
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	2601	CYCLOBUTANE
PxBN(M)		AT	3	V7		CV9 CV10		20	2602	DICHLORODIFLUORO-METHANE AND DIFLUOROETHANE AZEOTROPIC MIXTURE with approximately 74% dichlorodifluoromethane (REFRIGERANT GAS R 500)
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2603	CYCLOHEPTATRIENE
L10BH	TE1	FL	1				S2 S20	883	2604	BORON TRIFLUORIDE DIETHYL ETHERATE
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2605	METHOXYMETHYL ISOCYANATE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2606	METHYL ORTHOSILICATE
LGBF		FL	3				S2	39	2607	ACROLEIN DIMER, STABILIZED
LGBF		FL	3				S2	30	2608	NITROPROPANES
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2609	TRIALLYL BORATE
L4BN		FL	3				S2	38	2610	TRIALLYLAMINE
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	2611	PROPYLENE CHLOROHYDRIN
L1.5BN		FL	2				S2 S20	33	2612	METHYL PROPYL ETHER

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2614	METHALLYL ALCOHOL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2615	ETHYL PROPYL ETHER	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2616	TRIISOPROPYL BORATE	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2616	TRIISOPROPYL BORATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2617	METHYLCYCLOHEXANOLS, flammable	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2618	VINYLTOLUENES, STABILIZED	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2619	BENZYLDIMETHYLAMINE	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2
2620	AMYL BUTYRATES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2621	ACETYL METHYL CARBINOL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2622	GLYCIDALDEHYDE	3	FT1	II	3+6.1		LQ0	P001 IBC02	B8	MP19	T7	TP1
2623	FIRELIGHTERS, SOLID with flammable liquid	4.1	F1	III	4.1		LQ9	P002 LP01 R001	PP15	MP11		
2624	MAGNESIUM SILICIDE	4.3	W2	II	4.3		LQ11	P410 IBC07	B2	MP14		
2626	CHLORIC ACID, AQUEOUS SOLUTION with not more than 10% chloric acid	5.1	O1	II	5.1	613	LQ10	P504 IBC02		MP2		
2627	NITRITES, INORGANIC, N.O.S.	5.1	O2	II	5.1	103 274	LQ11	P002 IBC08	B4	MP10		
2628	POTASSIUM FLUOROACETATE	6.1	T2	I	6.1		LQ0	P002 IBC07	B1	MP18		
2629	SODIUM FLUOROACETATE	6.1	T2	I	6.1		LQ0	P002 IBC07	B1	MP18		
2630	SELENATES or SELENITES	6.1	T5	I	6.1	274	LQ0	P002 IBC07	B1	MP18		
2642	FLUOROACETIC ACID	6.1	T2	I	6.1		LQ0	P002 IBC07	B1	MP18		
2643	METHYL BROMOACETATE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2644	METHYL IODIDE	6.1	T1	I	6.1		LQ0	P001		MP8 MP17	T14	TP2 TP13
2645	PHENACYL BROMIDE	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
2646	HEXACHLOROCYCLO-PENTADIENE	6.1	T1	I	6.1		LQ0	P001		MP8 MP17	T14	TP2 TP13
2647	MALONONITRILE	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	3				S2	30	2614	METHALLYL ALCOHOL
LGBF		FL	2				S2 S20	33	2615	ETHYL PROPYL ETHER
LGBF		FL	2				S2 S20	33	2616	TRIISOPROPYL BORATE
LGBF		FL	3				S2	30	2616	TRIISOPROPYL BORATE
LGBF		FL	3				S2	30	2617	METHYLCYCLOHEXANOLS, flammable
LGBF		FL	3				S2	39	2618	VINYLTOLUENES, STABILIZED
L4BN		FL	2				S2	83	2619	BENZYLDIMETHYLAMINE
LGBF		FL	3				S2	30	2620	AMYL BUTYRATES
LGBF		FL	3				S2	30	2621	ACETYL METHYL CARBINOL
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2622	GLYCIDALDEHYDE
			4						2623	FIRELIGHTERS, SOLID with flammable liquid
SGAN		AT	2	V1		CV23		423	2624	MAGNESIUM SILICIDE
L4BN	TU3	AT	2			CV24		50	2626	CHLORIC ACID, AQUEOUS SOLUTION with not more than 10% chloric acid
SGAN	TU3	AT	2			CV24		50	2627	NITRITES, INORGANIC, N.O.S.
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2628	POTASSIUM FLUOROACETATE
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2629	SODIUM FLUOROACETATE
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2630	SELENATES or SELENITES
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2642	FLUOROACETIC ACID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2643	METHYL BROMOACETATE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2644	METHYL IODIDE
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2645	PHENACYL BROMIDE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2646	HEXACHLOROCYCLO-PENTADIENE
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2647	MALONONITRILE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	**(2)**	**(3a)**	**(3b)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9a)**	**(9b)**	**(10)**	**(11)**
2648	1,2-DIBROMOBUTAN-3-ONE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15		
2649	1,3-DICHLOROACETONE	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
2650	1,1-DICHLORO-1-NITROETHANE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2651	4,4'-DIAMINODIPHENYL-METHANE	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10	T4	TP1
2653	BENZYL IODIDE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2655	POTASSIUM FLUOROSILICATE	6.1	T5	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2656	QUINOLINE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2657	SELENIUM DISULPHIDE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
2659	SODIUM CHLOROACETATE	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2660	NITROTOLUIDINES (MONO)	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2661	HEXACHLOROACETONE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2662	HYDROQUINONE	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10	T4	TP1
2664	DIBROMOMETHANE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2667	BUTYLTOLUENES	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2668	CHLOROACETONITRILE	6.1	TF1	II	6.1+3		LQ17	P001 IBC02		MP15	T7	TP2
2669	CHLOROCRESOLS, liquid	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2669	CHLOROCRESOLS, solid	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10	T7	TP2
2670	CYANURIC CHLORIDE	8	C4	II	8		LQ23	P002 IBC08	B2 B4	MP10		
2671	AMINOPYRIDINES (o-, m-, p-)	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
2672	AMMONIA SOLUTION, relative density between 0.880 and 0.957 at 15 °C in water, with more than 10% but not more than 35% ammonia	8	C5	III	8	543	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1
2673	2-AMINO-4-CHLOROPHENOL	6.1	T2	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
2674	SODIUM FLUOROSILICATE	6.1	T5	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2648	1,2-DIBROMOBUTAN-3-ONE
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2649	1,3-DICHLOROACETONE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2650	1,1-DICHLORO-1-NITROETHANE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2651	4,4'-DIAMINODIPHENYL-METHANE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2653	BENZYL IODIDE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2655	POTASSIUM FLUOROSILICATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2656	QUINOLINE
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2657	SELENIUM DISULPHIDE
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2659	SODIUM CHLOROACETATE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2660	NITROTOLUIDINES (MONO)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2661	HEXACHLOROACETONE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2662	HYDROQUINONE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2664	DIBROMOMETHANE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2667	BUTYLTOLUENES
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	2668	CHLOROACETONITRILE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2669	CHLOROCRESOLS, liquid
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2669	CHLOROCRESOLS, solid
SGAN L4BN		AT	2					80	2670	CYANURIC CHLORIDE
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2671	AMINOPYRIDINES (o-, m-, p-)
L4BN		AT	3					80	2672	AMMONIA SOLUTION, relative density between 0.880 and 0.957 at 15 °C in water, with more than 10% but not more than 35% ammonia
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2673	2-AMINO-4-CHLOROPHENOL
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2674	SODIUM FLUOROSILICATE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2676	STIBINE	2	2TF		2.3 +2.1		LQ0	P200		MP9		
2677	RUBIDIUM HYDROXIDE SOLUTION	8	C5	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2677	RUBIDIUM HYDROXIDE SOLUTION	8	C5	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2678	RUBIDIUM HYDROXIDE	8	C6	II	8		LQ23	P002 IBC08	B2 B4	MP10		
2679	LITHIUM HYDROXIDE SOLUTION	8	C5	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2679	LITHIUM HYDROXIDE SOLUTION	8	C5	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP2
2680	LITHIUM HYDROXIDE MONOHYDRATE	8	C6	II	8		LQ23	P002 IBC08	B2 B4	MP10		
2681	CAESIUM HYDROXIDE SOLUTION	8	C5	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2681	CAESIUM HYDROXIDE SOLUTION	8	C5	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2682	CAESIUM HYDROXIDE	8	C6	II	8		LQ23	P002 IBC08	B2 B4	MP10		
2683	AMMONIUM SULPHIDE SOLUTION	8	CFT	II	8+3 +6.1		LQ22	P001 IBC01		MP15	T7	TP2 TP13
2684	DIETHYLAMINOPROPYL-AMINE	3	FC	III	3+8		LQ7	P001 IBC03 R001		MP19	T4	TP1
2685	N,N-DIETHYLETHYLENE-DIAMINE	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2
2686	2-DIETHYLAMINO-ETHANOL	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2
2687	DICYCLOHEXYL-AMMONIUM NITRITE	4.1	F3	III	4.1		LQ9	P002 IBC08 LP02 R001	B3	MP11		
2688	1-BROMO-3-CHLOROPROPANE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2689	GLYCEROL alpha-MONOCHLOROHYDRIN	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2690	N,n-BUTYLIMIDAZOLE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2691	PHOSPHORUS PENTABROMIDE	8	C2	II	8		LQ23	P002 IBC08	B2 B4	MP10		
2692	BORON TRIBROMIDE	8	C1	I	8		LQ20	P602		MP8 MP17	T20	TP2 TP12 TP13
2693	BISULPHITES, AQUEOUS SOLUTION, N.O.S.	8	C1	III	8	274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
2698	TETRAHYDROPHTHALIC ANHYDRIDES with more than 0.05% of maleic anhydride	8	C4	III	8	169	LQ24	P002 IBC08 LP02 R001	PP14 B3	MP10		
2699	TRIFLUOROACETIC ACID	8	C3	I	8		LQ20	P001		MP8 MP17	T10	TP2 TP12
2705	1-PENTOL	8	C9	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2707	DIMETHYLDIOXANES	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V7		CV9 CV10	S2 S7 S17		2676	STIBINE
L4BN		AT	2					80	2677	RUBIDIUM HYDROXIDE SOLUTION
L4BN		AT	3					80	2677	RUBIDIUM HYDROXIDE SOLUTION
SGAN		AT	2					80	2678	RUBIDIUM HYDROXIDE
L4BN		AT	2					80	2679	LITHIUM HYDROXIDE SOLUTION
L4BN		AT	3					80	2679	LITHIUM HYDROXIDE SOLUTION
SGAN		AT	2					80	2680	LITHIUM HYDROXIDE MONOHYDRATE
L4BN		AT	2					80	2681	CAESIUM HYDROXIDE SOLUTION
L4BN		AT	3					80	2681	CAESIUM HYDROXIDE SOLUTION
SGAN		AT	2					80	2682	CAESIUM HYDROXIDE
L4BN		FL	2			CV13 CV28	S2	86	2683	AMMONIUM SULPHIDE SOLUTION
L4BN		FL	3				S2	38	2684	DIETHYLAMINOPROPYL-AMINE
L4BN		FL	2				S2	83	2685	N,N-DIETHYLETHYLENE-DIAMINE
L4BN		FL	2				S2	83	2686	2-DIETHYLAMINO-ETHANOL
SGAV		AT	3		VV1			40	2687	DICYCLOHEXYL-AMMONIUM NITRITE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2688	1-BROMO-3-CHLOROPROPANE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2689	GLYCEROL alpha-MONOCHLOROHYDRIN
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2690	N,n-BUTYLIMIDAZOLE
SGAN		AT	2					80	2691	PHOSPHORUS PENTABROMIDE
L10BH	TE1	AT	1				S20	X88	2692	BORON TRIBROMIDE
L4BN		AT	3					80	2693	BISULPHITES, AQUEOUS SOLUTION, N.O.S.
SGAV L4BN		AT	3		VV9b			80	2698	TETRAHYDROPHTHALIC ANHYDRIDES with more than 0.05% of maleic anhydride
L10BH	TE1	AT	1				S20	88	2699	TRIFLUOROACETIC ACID
L4BN		AT	2					80	2705	1-PENTOL
LGBF		FL	2				S2 S20	33	2707	DIMETHYLDIOXANES

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2707	DIMETHYLDIOXANES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2709	BUTYLBENZENES	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2710	DIPROPYL KETONE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2713	ACRIDINE	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2714	ZINC RESINATE	4.1	F3	III	4.1		LQ9	P002 IBC06 R001		MP11		
2715	ALUMINIUM RESINATE	4.1	F3	III	4.1		LQ9	P002 IBC06 R001		MP11		
2716	1,4-BUTYNEDIOL	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2717	CAMPHOR, synthetic	4.1	F1	III	4.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2719	BARIUM BROMATE	5.1	OT2	II	5.1 +6.1		LQ11	P002 IBC08	B2 B4	MP2		
2720	CHROMIUM NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
2721	COPPER CHLORATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B2 B4	MP2		
2722	LITHIUM NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
2723	MAGNESIUM CHLORATE	5.1	O2	II	5.1		LQ11	P002 IBC08	B2 B4	MP2		
2724	MANGANESE NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
2725	NICKEL NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
2726	NICKEL NITRITE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
2727	THALLIUM NITRATE	6.1	TO2	II	6.1 +5.1		LQ18	P002 IBC06	B2	MP10		
2728	ZIRCONIUM NITRATE	5.1	O2	III	5.1		LQ12	P002 IBC08 LP02 R001	B3	MP10		
2729	HEXACHLOROBENZENE	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBF		FL	3				S2	30	2707	DIMETHYLDIOXANES
LGBF		FL	3				S2	30	2709	BUTYLBENZENES
LGBF		FL	3				S2	30	2710	DIPROPYL KETONE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2713	ACRIDINE
SGAV		AT	3		VV1			40	2714	ZINC RESINATE
SGAV		AT	3		VV1			40	2715	ALUMINIUM RESINATE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2716	1,4-BUTYNEDIOL
SGAV		AT	3		VV1			40	2717	CAMPHOR, synthetic
SGAN	TU3	AT	2			CV24 CV28		56	2719	BARIUM BROMATE
SGAV	TU3	AT	3		VV8	CV24		50	2720	CHROMIUM NITRATE
SGAV	TU3	AT	2		VV8	CV24		50	2721	COPPER CHLORATE
SGAV	TU3	AT	3		VV8	CV24		50	2722	LITHIUM NITRATE
SGAV	TU3	AT	2		VV8	CV24		50	2723	MAGNESIUM CHLORATE
SGAV	TU3	AT	3		VV8	CV24		50	2724	MANGANESE NITRATE
SGAV	TU3	AT	3		VV8	CV24		50	2725	NICKEL NITRATE
SGAV	TU3	AT	3		VV8	CV24		50	2726	NICKEL NITRITE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	65	2727	THALLIUM NITRATE
SGAV	TU3	AT	3		VV8	CV24		50	2728	ZIRCONIUM NITRATE
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2729	HEXACHLOROBENZENE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2730	NITROANISOLES, LIQUID	6.1	T1	III	6.1	279	LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2730	NITROANISOLES, SOLID	6.1	T2	III	6.1	279	LQ9	P002 IBC08 LP02 R001	B3	MP10	T4	TP1
2732	NITROBROMOBENZENES, LIQUID	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2732	NITROBROMOBENZENES, SOLID	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10	T4	TP1
2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	3	FC	I	3+8	274 544	LQ3	P001		MP7 MP17	T14	TP1 TP9 TP27
2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	3	FC	II	3+8	274 544	LQ4	P001 IBC02		MP19	T11	TP1 TP27
2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	3	FC	III	3+8	274 544	LQ7	P001 IBC03 R001		MP19	T7	TP1 TP28
2734	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	8	CF1	I	8+3	274	LQ20	P001		MP8 MP17	T14	TP2 TP9 TP27
2734	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	8	CF1	II	8+3	274	LQ22	P001 IBC02		MP15	T11	TP2 TP27
2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	C7	I	8	274	LQ20	P001		MP8 MP17	T14	TP2 TP9 TP27
2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	C7	II	8	274	LQ22	P001 IBC02		MP15	T11	TP1 TP27
2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.	8	C7	III	8	274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
2738	N-BUTYLANILINE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2739	BUTYRIC ANHYDRIDE	8	C3	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2740	n-PROPYL CHLOROFORMATE	6.1	TFC	I	6.1 +3 +8		LQ0	P602		MP8 MP17		
2741	BARIUM HYPOCHLORITE with more than 22% available chlorine	5.1	OT2	II	5.1 +6.1		LQ11	P002 IBC08	B2 B4	MP2		
2742	CHLOROFORMATES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	6.1	TFC	II	6.1 +3 +8	274 561	LQ17	P001 IBC01		MP15		
2743	n-BUTYL CHLOROFORMATE	6.1	TFC	II	6.1 +3+8		LQ17	P001		MP15	T20	TP2 TP13

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2730	NITROANISOLES, LIQUID
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2730	NITROANISOLES, SOLID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2732	NITROBROMOBENZENES, LIQUID
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2732	NITROBROMOBENZENES, SOLID
L10CH	TU14 TE1	FL	1				S2 S20	338	2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.
L4BH	TE1	FL	2				S2 S20	338	2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.
L4BN		FL	3				S2	38	2733	AMINES, FLAMMABLE, CORROSIVE, N.O.S. or POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.
L10BH	TE1	FL	1				S2 S20	883	2734	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.
L4BN		FL	2				S2	83	2734	AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.
L10BH	TE1	AT	1				S20	88	2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.
L4BN		AT	2					80	2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.
L4BN		AT	3					80	2735	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2738	N-BUTYLANILINE
L4BN		AT	3					80	2739	BUTYRIC ANHYDRIDE
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	668	2740	n-PROPYL CHLOROFORMATE
SGAN	TU3	AT	2			CV24 CV28		56	2741	BARIUM HYPOCHLORITE with more than 22% available chlorine
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	638	2742	CHLOROFORMATES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	638	2743	n-BUTYL CHLOROFORMATE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2744	CYCLOBUTYL CHLOROFORMATE	6.1	TFC	II	6.1 +3 +8		LQ17	P001 IBC01		MP15	T7	TP2 TP13
2745	CHLOROMETHYL CHLOROFORMATE	6.1	TC1	II	6.1 +8		LQ17	P001 IBC02		MP15	T7	TP2 TP13
2746	PHENYL CHLOROFORMATE	6.1	TC1	II	6.1 +8		LQ17	P001 IBC02		MP15	T7	TP2 TP13
2747	tert-BUTYLCYCLOHEXYL CHLOROFORMATE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2748	2-ETHYLHEXYL CHLOROFORMATE	6.1	TC1	II	6.1 +8		LQ17	P001 IBC02		MP15	T7	TP2 TP13
2749	TETRAMETHYLSILANE	3	F1	I	3		LQ3	P001		MP7 MP12	T14	TP2
2750	1,3-DICHLOROPROPANOL-2	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2751	DIETHYLTHIOPHOSPHORYL CHLORIDE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2752	1,2-EPOXY-3-ETHOXYPROPANE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2753	N-ETHYLBENZYL-TOLUIDINES, LIQUID	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1
2753	N-ETHYLBENZYL-TOLUIDINES, SOLID	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10	T7	TP1
2754	N-ETHYLTOLUIDINES	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2757	CARBAMATE PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18		
2757	CARBAMATE PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
2757	CARBAMATE PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2758	CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3 +6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
2758	CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3 +6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27
2759	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18		
2759	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
2759	ARSENICAL PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2760	ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3 +6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
2760	ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3 +6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	638	2744	CYCLOBUTYL CHLOROFORMATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	2745	CHLOROMETHYL CHLOROFORMATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	2746	PHENYL CHLOROFORMATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2747	tert-BUTYLCYCLOHEXYL CHLOROFORMATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	2748	2-ETHYLHEXYL CHLOROFORMATE
L4BN		FL	1				S2 S20	33	2749	TETRAMETHYLSILANE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2750	1,3-DICHLOROPROPANOL-2
L4BN		AT	2					80	2751	DIETHYLTHIOPHOSPHORYL CHLORIDE
LGBF		FL	3				S2	30	2752	1,2-EPOXY-3-ETHOXYPROPANE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2753	N-ETHYLBENZYL-TOLUIDINES, LIQUID
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2753	N-ETHYLBENZYL-TOLUIDINES, SOLID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2754	N-ETHYLTOLUIDINES
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2757	CARBAMATE PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2757	CARBAMATE PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2757	CARBAMATE PESTICIDE, SOLID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2758	CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2758	CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2759	ARSENICAL PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2759	ARSENICAL PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2759	ARSENICAL PESTICIDE, SOLID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2760	ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2760	ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18		
2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2762	ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3 +6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
2762	ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3 +6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27
2763	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18		
2763	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
2763	TRIAZINE PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 R001	B3	MP10		
2764	TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3 +6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
2764	TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3 +6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27
2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18		
2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2772	THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3+6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
2772	THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3+6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27
2775	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18		
2775	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
2775	COPPER BASED PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2776	COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3+6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
2776	COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3+6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2761	ORGANOCHLORINE PESTICIDE, SOLID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2762	ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2762	ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2763	TRIAZINE PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2763	TRIAZINE PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2763	TRIAZINE PESTICIDE, SOLID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2764	TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2764	TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2771	THIOCARBAMATE PESTICIDE, SOLID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2772	THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2772	THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2775	COPPER BASED PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2775	COPPER BASED PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2775	COPPER BASED PESTICIDE, SOLID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2776	COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2776	COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2777	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18		
2777	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
2777	MERCURY BASED PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2778	MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3+6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
2778	MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3+6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27
2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18		
2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2780	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3+6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
2780	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3+6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27
2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18		
2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2782	BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3+6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
2782	BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3+6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27
2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18		
2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2784	ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3+6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2777	MERCURY BASED PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2777	MERCURY BASED PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2777	MERCURY BASED PESTICIDE, SOLID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2778	MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2778	MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2779	SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2780	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2780	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2781	BIPYRIDILIUM PESTICIDE, SOLID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2782	BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2782	BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2783	ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2784	ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2784	ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3+6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27
2785	4-THIAPENTANAL	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2786	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18		
2786	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
2786	ORGANOTIN PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2787	ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3+6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
2787	ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3+6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27
2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.	6.1	T3	I	6.1	43 274	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.	6.1	T3	II	6.1	43 274	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.	6.1	T3	III	6.1	43 274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28
2789	ACETIC ACID, GLACIAL or ACETIC ACID SOLUTION, more than 80% acid, by mass	8	CF1	II	8+3		LQ22	P001 IBC02		MP15	T7	TP2
2790	ACETIC ACID SOLUTION, not less than 50% but not more than 80% acid, by mass	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2790	ACETIC ACID SOLUTION, more than 10% and less than 50% acid, by mass	8	C3	III	8	597	LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2793	FERROUS METAL BORINGS, SHAVINGS, TURNINGS or CUTTINGS in a form liable to self-heating	4.2	S4	III	4.2	107 592	LQ0	P003 IBC08 LP02 R001	PP20 B3 B6	MP14		
2794	BATTERIES, WET, FILLED WITH ACID, electric storage	8	C11		8	295 598	LQ0	P801 P801a				
2795	BATTERIES, WET, FILLED WITH ALKALI, electric storage	8	C11		8	295 598	LQ0	P801 P801a				
2796	SULPHURIC ACID with not more than 51% acid or BATTERY FLUID, ACID	8	C1	II	8		LQ22	P001 IBC02		MP15	T8	TP2 TP12
2797	BATTERY FLUID, ALKALI	8	C5	II	8		LQ22	P001 IBC02			T7	TP2
2798	PHENYLPHOSPHORUS DICHLORIDE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2799	PHENYLPHOSPHORUS THIODICHLORIDE	8	C3	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2800	BATTERIES, WET, NON-SPILLABLE, electric storage	8	C11		8	238 295 598	LQ0	P003 P801a	PP16			
2801	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.	8	C9	I	8	274	LQ20	P001		MP8 MP17	T14	TP2 TP9 TP27

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2784	ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2785	4-THIAPENTANAL
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2786	ORGANOTIN PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2786	ORGANOTIN PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2786	ORGANOTIN PESTICIDE, SOLID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2787	ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	2787	ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2788	ORGANOTIN COMPOUND, LIQUID, N.O.S.
L4BN		FL	2				S2	83	2789	ACETIC ACID, GLACIAL or ACETIC ACID SOLUTION, more than 80% acid, by mass
L4BN		AT	2					80	2790	ACETIC ACID SOLUTION, not less than 50% but not more than 80% acid, by mass
L4BN		AT	3					80	2790	ACETIC ACID SOLUTION, more than 10% and less than 50% acid, by mass
			3	V1	VV4			40	2793	FERROUS METAL BORINGS, SHAVINGS, TURNINGS or CUTTINGS in a form liable to self-heating
			3		VV14			80	2794	BATTERIES, WET, FILLED WITH ACID, electric storage
			3		VV14			80	2795	BATTERIES, WET, FILLED WITH ALKALI, electric storage
L4BN		AT	2					80	2796	SULPHURIC ACID with not more than 51% acid or BATTERY FLUID, ACID
L4BN		AT	2					80	2797	BATTERY FLUID, ALKALI
L4BN		AT	2					80	2798	PHENYLPHOSPHORUS DICHLORIDE
L4BN		AT	2					80	2799	PHENYLPHOSPHORUS THIODICHLORIDE
			3		VV14			80	2800	BATTERIES, WET, NON-SPILLABLE, electric storage
L10BH	TE1	AT	1				S20	88	2801	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2801	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.	8	C9	II	8	274	LQ22	P001 IBC02		MP15	T11	TP2 TP27
2801	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.	8	C9	III	8	274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
2802	COPPER CHLORIDE	8	C2	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10		
2803	GALLIUM	8	C10	III	8		LQ24	P800	PP41	MP10		
2805	LITHIUM HYDRIDE, FUSED SOLID	4.3	W2	II	4.3		LQ11	P410 IBC04		MP14		
2806	LITHIUM NITRIDE	4.3	W2	I	4.3		LQ0	P403 IBC04	B1	MP2		
2807	Magnetized material	9	M11	NOT SUBJECT TO ADR								
2809	MERCURY	8	C9	III	8	599	LQ19	P800		MP15		
2810	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	I	6.1	274 614	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
2810	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	II	6.1	274 614	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
2810	TOXIC LIQUID, ORGANIC, N.O.S.	6.1	T1	III	6.1	274 614	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP9 TP28
2811	TOXIC SOLID, ORGANIC, N.O.S.	6.1	T2	I	6.1	274 614	LQ0	P002 IBC02		MP18		
2811	TOXIC SOLID, ORGANIC, N.O.S.	6.1	T2	II	6.1	274 614	LQ18	P002 IBC08	B2 B4	MP10		
2811	TOXIC SOLID, ORGANIC, N.O.S.	6.1	T2	III	6.1	274 614	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2812	Sodium aluminate, solid	8	C6	NOT SUBJECT TO ADR								
2813	WATER-REACTIVE SOLID, N.O.S.	4.3	W2	I	4.3	222 274	LQ0	P403 IBC99		MP2		
2813	WATER-REACTIVE SOLID, N.O.S.	4.3	W2	II	4.3	222 274	LQ11	P410 IBC07	B2	MP14		
2813	WATER-REACTIVE SOLID, N.O.S.	4.3	W2	III	4.3	222 274	LQ12	P410 IBC08 R001	B4	MP14		
2814	INFECTIOUS SUBSTANCE, AFFECTING HUMANS (risk groups 3 and 4)	6.2	I1		6.2	274 634	LQ0	P620		MP5		
2814	INFECTIOUS SUBSTANCE, AFFECTING HUMANS (risk group 2)	6.2	I1		6.2	274 634	LQ0	P620		MP5		
2815	N-AMINOETHYLPIPERAZINE	8	C7	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2817	AMMONIUM HYDROGENDIFLUORIDE SOLUTION	8	CT1	II	8+6.1		LQ22	P001 IBC02		MP15	T8	TP2 TP12 TP13
2817	AMMONIUM HYDROGENDIFLUORIDE SOLUTION	8	CT1	III	8+6.1		LQ19	P001 IBC03 R001		MP15	T4	TP1 TP12 TP13
2818	AMMONIUM POLYSULPHIDE SOLUTION	8	CT1	II	8+6.1		LQ22	P001 IBC02		MP15	T7	TP2 TP13

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		AT	2					80	2801	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.
L4BN		AT	3					80	2801	DYE, LIQUID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.
SGAV		AT	3		VV9b			80	2802	COPPER CHLORIDE
SGAV L4BN		AT	3		VV9b			80	2803	GALLIUM
SGAN		AT	2	V1		CV23		423	2805	LITHIUM HYDRIDE, FUSED SOLID
			1	V1		CV23			2806	LITHIUM NITRIDE
NOT SUBJECT TO ADR									2807	Magnetized material
L4BN		AT	3					80	2809	MERCURY
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2810	TOXIC LIQUID, ORGANIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2810	TOXIC LIQUID, ORGANIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2810	TOXIC LIQUID, ORGANIC, N.O.S.
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2811	TOXIC SOLID, ORGANIC, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2811	TOXIC SOLID, ORGANIC, N.O.S.
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2811	TOXIC SOLID, ORGANIC, N.O.S.
NOT SUBJECT TO ADR									2812	Sodium aluminate, solid
			0	V1		CV23			2813	WATER-REACTIVE SOLID, N.O.S.
SGAN		AT	0	V1		CV23		423	2813	WATER-REACTIVE SOLID, N.O.S.
SGAN		AT	0	V1	VV5	CV23		423	2813	WATER-REACTIVE SOLID, N.O.S.
	TE19		0			CV13 CV25 CV26 CV28	S3 S9 S15		2814	INFECTIOUS SUBSTANCE, AFFECTING HUMANS (risk groups 3 and 4)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV25 CV26 CV28	S3	606	2814	INFECTIOUS SUBSTANCE, AFFECTING HUMANS (risk group 2)
L4BN		AT	3					80	2815	N-AMINOETHYLPIPERAZINE
L4DH	TU14	AT	2			CV13 CV28		86	2817	AMMONIUM HYDROGENDIFLUORIDE SOLUTION
L4DH	TU14	AT	3			CV13 CV28		86	2817	AMMONIUM HYDROGENDIFLUORIDE SOLUTION
L4BN		AT	2			CV13 CV28		86	2818	AMMONIUM POLYSULPHIDE SOLUTION

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2818	AMMONIUM POLYSULPHIDE SOLUTION	8	CT1	III	8+6.1		LQ19	P001 IBC03 R001		MP15	T4	TP1 TP13
2819	AMYL ACID PHOSPHATE	8	C3	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2820	BUTYRIC ACID	8	C3	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2821	PHENOL SOLUTION	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2821	PHENOL SOLUTION	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2822	2-CHLOROPYRIDINE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2823	CROTONIC ACID	8	C4	III	8		LQ24	P001 IBC03 LP01 R001		MP10	T4	TP1
2826	ETHYL CHLOROTHIOFORMATE	8	CF1	II	8+3		LQ22	P001		MP15	T7	TP2
2829	CAPROIC ACID	8	C3	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2830	LITHIUM FERROSILICON	4.3	W2	II	4.3		LQ11	P410 IBC07	B2	MP14		
2831	1,1,1-TRICHLOROETHANE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2834	PHOSPHOROUS ACID	8	C2	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10	T3	TP1
2835	SODIUM ALUMINIUM HYDRIDE	4.3	W2	II	4.3		LQ11	P410 IBC04		MP14		
2837	BISULPHATES, AQUEOUS SOLUTION	8	C1	II	8	274	LQ22	P001 IBC02		MP15	T7	TP2
2837	BISULPHATES, AQUEOUS SOLUTION	8	C1	III	8	274	LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2838	VINYL BUTYRATE, STABILIZED	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1
2839	ALDOL	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2840	BUTYRALDOXIME	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2841	DI-n-AMYLAMINE	3	FT1	III	3+6.1		LQ7	P001 IBC03 R001		MP19	T4	TP1
2842	NITROETHANE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2844	CALCIUM MANGANESE SILICON	4.3	W2	III	4.3		LQ12	P410 IBC08 R001	B2 B4	MP14		
2845	PYROPHORIC LIQUID, ORGANIC, N.O.S.	4.2	S1	I	4.2	274	LQ0	P400 PR1		MP2	T22	TP2 TP7 TP9

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		AT	3			CV13 CV28		86	2818	AMMONIUM POLYSULPHIDE SOLUTION
L4BN		AT	3					80	2819	AMYL ACID PHOSPHATE
L4BN		AT	3					80	2820	BUTYRIC ACID
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2821	PHENOL SOLUTION
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2821	PHENOL SOLUTION
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2822	2-CHLOROPYRIDINE
SGAV L4BN		AT	3		VV9b			80	2823	CROTONIC ACID
L4BN		FL	2				S2	83	2826	ETHYL CHLOROTHIOFORMATE
L4BN		AT	3					80	2829	CAPROIC ACID
SGAN		AT	2	V1		CV23		423	2830	LITHIUM FERROSILICON
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2831	1,1,1-TRICHLOROETHANE
SGAV		AT	3		VV9b			80	2834	PHOSPHOROUS ACID
SGAN		AT	2	V1		CV23		423	2835	SODIUM ALUMINIUM HYDRIDE
L4BN		AT	2					80	2837	BISULPHATES, AQUEOUS SOLUTION
L4BN		AT	3					80	2837	BISULPHATES, AQUEOUS SOLUTION
LGBF		FL	2				S2 S20	339	2838	VINYL BUTYRATE, STABILIZED
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2839	ALDOL
LGBF		FL	3				S2	30	2840	BUTYRALDOXIME
L4BH	TU15 TE1	FL	3			CV13 CV28	S2	36	2841	DI-n-AMYLAMINE
LGBF		FL	3				S2	30	2842	NITROETHANE
SGAN		AT	3	V1	VV5	CV23		423	2844	CALCIUM MANGANESE SILICON
L21DH	TU14 TC1 TE1 TM1	AT	0	V1			S20	333	2845	PYROPHORIC LIQUID, ORGANIC, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2846	PYROPHORIC SOLID, ORGANIC, N.O.S.	4.2	S2	I	4.2	274	LQ0	P404		MP13		
2849	3-CHLOROPROPANOL-1	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2850	PROPYLENE TETRAMER	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2851	BORON TRIFLUORIDE DIHYDRATE	8	C1	II	8		LQ22	P001 IBC02		MP15	T7	TP2
2852	DIPICRYL SULPHIDE, WETTED with not less than 10% water, by mass	4.1	D	I	4.1	545	LQ0	P406	PP24	MP2		
2853	MAGNESIUM FLUOROSILICATE	6.1	T5	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2854	AMMONIUM FLUOROSILICATE	6.1	T5	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2855	ZINC FLUOROSILICATE	6.1	T5	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2856	FLUOROSILICATES, N.O.S.	6.1	T5	III	6.1	274	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2857	REFRIGERATING MACHINES containing non-flammable, non-toxic, liquefied gas or ammonia solutions (UN 2672)	2	6A		2.2	119	LQ0	P003	PP32	MP9		
2858	ZIRCONIUM, DRY, coiled wire, finished metal sheets, strip (thinner than 254 microns but not thinner than 18 microns)	4.1	F3	III	4.1	546	LQ9	P002 LP02 R001		MP11		
2859	AMMONIUM METAVANADATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
2861	AMMONIUM POLYVANADATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
2862	VANADIUM PENTOXIDE, non-fused form	6.1	T5	III	6.1	600	LQ9	P002 IBC08 LP02 R001	B3	MP10		
2863	SODIUM AMMONIUM VANADATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
2864	POTASSIUM METAVANADATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
2865	HYDROXYLAMINE SULPHATE	8	C2	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10		
2869	TITANIUM TRICHLORIDE MIXTURE	8	C2	II	8		LQ23	P002 IBC08	B2 B4	MP10		
2869	TITANIUM TRICHLORIDE MIXTURE	8	C2	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10		
2870	ALUMINIUM BOROHYDRIDE	4.2	SW	I	4.2 +4.3		LQ0	P400 PR1		MP2		
2870	ALUMINIUM BOROHYDRIDE IN DEVICES	4.2	SW	I	4.2 +4.3		LQ0	P002 PR1	PP13	MP2		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			0	V1			S20		2846	PYROPHORIC SOLID, ORGANIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2849	3-CHLOROPROPANOL-1
LGBF		FL	3				S2	30	2850	PROPYLENE TETRAMER
L4BN		AT	2					80	2851	BORON TRIFLUORIDE DIHYDRATE
			1				S17		2852	DIPICRYL SULPHIDE, WETTED with not less than 10% water, by mass
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2853	MAGNESIUM FLUOROSILICATE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2854	AMMONIUM FLUOROSILICATE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2855	ZINC FLUOROSILICATE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2856	FLUOROSILICATES, N.O.S.
			3			CV9			2857	REFRIGERATING MACHINES containing non-flammable, non-toxic, liquefied gas or ammonia solutions (UN 2672)
		AT	3		VV1			40	2858	ZIRCONIUM, DRY, coiled wire, finished metal sheets, strip (thinner than 254 microns but not thinner than 18 microns)
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2859	AMMONIUM METAVANADATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2861	AMMONIUM POLYVANADATE
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2862	VANADIUM PENTOXIDE, non-fused form
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2863	SODIUM AMMONIUM VANADATE
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2864	POTASSIUM METAVANADATE
SGAV		AT	3		VV9b			80	2865	HYDROXYLAMINE SULPHATE
SGAN		AT	2					80	2869	TITANIUM TRICHLORIDE MIXTURE
SGAV		AT	3		VV9b			80	2869	TITANIUM TRICHLORIDE MIXTURE
L21DH	TU14 TC1 TE1 TM1		0	V1			S20	X333	2870	ALUMINIUM BOROHYDRIDE
			0	V1			S20		2870	ALUMINIUM BOROHYDRIDE IN DEVICES

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2871	ANTIMONY POWDER	6.1	T5	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2872	DIBROMOCHLOROPROPANES	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2872	DIBROMOCHLORO-PROPANES	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2873	DIBUTYLAMINOETHANOL	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2874	FURFURYL ALCOHOL	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2875	HEXACHLOROPHENE	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2876	RESORCINOL	6.1	T2	III	6.1		LQ9	P002 IBC08 LP02 R001	B3	MP10		
2878	TITANIUM SPONGE GRANULES or TITANIUM SPONGE POWDERS	4.1	F3	III	4.1		LQ9	P002 IBC08 LP02 R001	B3	MP11		
2879	SELENIUM OXYCHLORIDE	8	CT1	I	8+6.1		LQ20	P001		MP8 MP17	T10	TP2 TP12 TP13
2880	CALCIUM HYPOCHLORITE, HYDRATED, or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5.5% but not more than 10% water	5.1	O2	II	5.1		LQ11	P002 IBC08	B2 B4	MP10		
2881	METAL CATALYST, DRY	4.2	S4	I	4.2	274	LQ0	P404		MP13		
2881	METAL CATALYST, DRY	4.2	S4	II	4.2	274	LQ0	P410 IBC06	B2	MP14		
2881	METAL CATALYST, DRY	4.2	S4	III	4.2	274	LQ0	P002 IBC08 LP02 R001	B3	MP14		
2900	INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only (risk groups 3 and 4)	6.2	I2		6.2	274 634	LQ0	P620		MP5		
2900	INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only (risk group 2)	6.2	I2		6.2	274 634	LQ0	P620		MP5		
2901	BROMINE CHLORIDE	2	2TOC		2.3 +5.1 +8		LQ0	P200		MP9		
2902	PESTICIDE, LIQUID, TOXIC, N.O.S.	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
2902	PESTICIDE, LIQUID, TOXIC, N.O.S.	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
2902	PESTICIDE, LIQUID, TOXIC, N.O.S.	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28
2903	PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2871	ANTIMONY POWDER
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2872	DIBROMOCHLOROPROPANES
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2872	DIBROMOCHLORO-PROPANES
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2873	DIBUTYLAMINOETHANOL
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2874	FURFURYL ALCOHOL
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2875	HEXACHLOROPHENE
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	2876	RESORCINOL
SGAV		AT	3		VV1			40	2878	TITANIUM SPONGE GRANULES or TITANIUM SPONGE POWDERS
L10BH	TE1	AT	1			CV13 CV28	S20	X886	2879	SELENIUM OXYCHLORIDE
SGAN	TU3	AT	2			CV24		50	2880	CALCIUM HYPOCHLORITE, HYDRATED, or CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5.5% but not more than 10% water
			0	V1			S20		2881	METAL CATALYST, DRY
SGAN		AT	2	V1				40	2881	METAL CATALYST, DRY
SGAN		AT	3	V1				40	2881	METAL CATALYST, DRY
	TE19		0			CV13 CV25 CV26 CV28	S3 S9 S15		2900	INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only (risk groups 3 and 4)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV25 CV26 CV28	S3	606	2900	INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only (risk group 2)
PxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	265	2901	BROMINE CHLORIDE
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2902	PESTICIDE, LIQUID, TOXIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2902	PESTICIDE, LIQUID, TOXIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2902	PESTICIDE, LIQUID, TOXIC, N.O.S.
L10CH	TU14 TU15 TE1 TE19	FL	1			CV13 CV28	S2 S9 S17	663	2903	PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flash-point not less than 23 °C

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2903	PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
2903	PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2
2904	CHLOROPHENOLATES, LIQUID or PHENOLATES, LIQUID	8	C9	III	8		LQ19	P001 IBC03 LP01 R001		MP15		
2905	CHLOROPHENOLATES, SOLID or PHENOLATES, SOLID	8	C10	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10		
2907	ISOSORBIDE DINITRATE MIXTURE with not less than 60% lactose, mannose, starch or calcium hydrogen phosphate	4.1	D	II	4.1	127	LQ8	P406 IBC06	PP26 B2	MP2		
2908	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - EMPTY PACKAGING	7				290	LQ0	See 2.2.7	See 4.1.9.1.3			
2909	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - ARTICLES MANUFACTURED FROM NATURAL URANIUM or DEPLETED URANIUM or NATURAL THORIUM	7				290	LQ0	See 2.2.7	See 4.1.9.1.3			
2910	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - LIMITED QUANTITY OF MATERIAL	7				290	LQ0	See 2.2.7	See 4.1.9.1.3			
2911	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - INSTRUMENTS or ARTICLES	7				290	LQ0	See 2.2.7	4.1.9.1.3			
2912	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), non fissile or fissile-excepted	7			7X	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3		T5	TP4
2913	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), non fissile or fissile-excepted	7			7X	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
2915	RADIOACTIVE MATERIAL, TYPE A PACKAGE, non-special form, non fissile or fissile-excepted	7			7X	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
2916	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, non fissile or fissile-excepted	7			7X	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
2917	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, non fissile or fissile-excepted	7			7X	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
2919	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, non fissile or fissile-excepted	7			7X	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
2920	CORROSIVE LIQUID, FLAMMABLE, N.O.S.	8	CF1	I	8+3	274	LQ20	P001		MP8 MP17	T14	TP2 TP9 TP27
2920	CORROSIVE LIQUID, FLAMMABLE, N.O.S.	8	CF1	II	8+3	274	LQ22	P001 IBC02		MP15	T11	TP2 TP27
2921	CORROSIVE SOLID, FLAMMABLE, N.O.S.	8	CF2	I	8+4.1	274	LQ21	P002 IBC05		MP18		
2921	CORROSIVE SOLID, FLAMMABLE, N.O.S.	8	CF2	II	8+4.1	274	LQ23	P002 IBC08	B2 B4	MP10		
2922	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	I	8+6.1	274	LQ20	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	2903	PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	2903	PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flash-point not less than 23 °C
L4BN		AT	3					80	2904	CHLOROPHENOLATES, LIQUID or PHENOLATES, LIQUID
SGAV L4BN		AT	3		VV9b			80	2905	CHLOROPHENOLATES, SOLID or PHENOLATES, SOLID
			2				S17		2907	ISOSORBIDE DINITRATE MIXTURE with not less than 60% lactose, mannose, starch or calcium hydrogen phosphate
			4			CV33	S5 S13 S21		2908	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - EMPTY PACKAGING
			4			CV33	S5 S13 S21		2909	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - ARTICLES MANUFACTURED FROM NATURAL URANIUM or DEPLETED URANIUM or NATURAL THORIUM
			4				S5 S13 S21		2910	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - LIMITED QUANTITY OF MATERIAL
			4			CV33	S5 S13 S21		2911	RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - INSTRUMENTS or ARTICLES
L2,65CN(+) S2,65AN(+)	TU36 TM7 TT7	AT	0			CV33	S6 S11 S13 S21	70	2912	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), non fissile or fissile-excepted
			0			CV33	S6 S11 S13 S21		2913	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), non fissile or fissile-excepted
			0			CV33	S6 S11 S13 S21		2915	RADIOACTIVE MATERIAL, TYPE A PACKAGE, non-special form, non fissile or fissile-excepted
			0			CV33	S6 S11 S13 S21		2916	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, non fissile or fissile-excepted
			0			CV33	S6 S11 S13 S21		2917	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, non fissile or fissile-excepted
			0			CV33	S6 S11 S13 S21		2919	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, non fissile or fissile-excepted
L10BH	TE1	FL	1				S2 S20	883	2920	CORROSIVE LIQUID, FLAMMABLE, N.O.S.
L4BN		FL	2				S2	83	2920	CORROSIVE LIQUID, FLAMMABLE, N.O.S.
S10AN L10BH	TE1	AT	1				S20	884	2921	CORROSIVE SOLID, FLAMMABLE, N.O.S.
SGAN L4BN		AT	2					84	2921	CORROSIVE SOLID, FLAMMABLE, N.O.S.
L10BH	TE1	AT	1			CV13 CV28	S20	886	2922	CORROSIVE LIQUID, TOXIC, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2922	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	II	8+6.1	274	LQ22	P001 IBC02		MP15	T7	TP2
2922	CORROSIVE LIQUID, TOXIC, N.O.S.	8	CT1	III	8+6.1	274	LQ19	P001 IBC03 R001		MP15	T7	TP1 TP28
2923	CORROSIVE SOLID, TOXIC, N.O.S.	8	CT2	I	8+6.1	274	LQ21	P002 IBC05		MP18		
2923	CORROSIVE SOLID, TOXIC, N.O.S.	8	CT2	II	8+6.1	274	LQ23	P002 IBC08	B2 B4	MP10		
2923	CORROSIVE SOLID, TOXIC, N.O.S.	8	CT2	III	8+6.1	274	LQ24	P002 IBC08 R001	B3	MP10		
2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	FC	I	3+8	274	LQ3	P001		MP7 MP17	T14	TP2 TP9
2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	FC	II	3+8	274	LQ4	P001 IBC02		MP19	T11	TP2 TP27
2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.	3	FC	III	3+8	274	LQ7	P001 IBC03 R001		MP19	T7	TP1 TP28
2925	FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.	4.1	FC1	II	4.1+8	274	LQ0	P002 IBC06	B2	MP10		
2925	FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.	4.1	FC1	III	4.1+8	274	LQ0	P002 IBC06 R001		MP10		
2926	FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.	4.1	FT1	II	4.1 +6.1	274	LQ0	P002 IBC06	B2	MP10		
2926	FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.	4.1	FT1	III	4.1 +6.1	274	LQ0	P002 IBC06 R001		MP10		
2927	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	TC1	I	6.1+8	274	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
2927	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	6.1	TC1	II	6.1+8	274	LQ17	P001 IBC02		MP15	T11	TP2 TP27
2928	TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.	6.1	TC2	I	6.1+8	274	LQ0	P002 IBC05		MP18		
2928	TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.	6.1	TC2	II	6.1+8	274	LQ18	P002 IBC06	B2	MP10		
2929	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	TF1	I	6.1+3	274	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
2929	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	6.1	TF1	II	6.1+3	274	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
2930	TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.	6.1	TF3	I	6.1 +4.1	274	LQ0	P002 IBC05		MP18		
2930	TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.	6.1	TF3	II	6.1 +4.1	274	LQ18	P002 IBC08	B2 B4	MP10		
2931	VANADYL SULPHATE	6.1	T5	II	6.1		LQ18	P002 IBC08	B2 B4	MP10		
2933	METHYL 2-CHLOROPROPIONATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2934	ISOPROPYL 2-CHLOROPROPIONATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2935	ETHYL 2-CHLOROPROPIONATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2936	THIOLACTIC ACID	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		AT	2			CV13 CV28		86	2922	CORROSIVE LIQUID, TOXIC, N.O.S.
L4BN		AT	3			CV13 CV28		86	2922	CORROSIVE LIQUID, TOXIC, N.O.S.
S10AN L10BH	TE1	AT	1			CV13 CV28	S20	886	2923	CORROSIVE SOLID, TOXIC, N.O.S.
SGAN L4BN		AT	2			CV13 CV28		86	2923	CORROSIVE SOLID, TOXIC, N.O.S.
SGAV L4BN		AT	3		VV9b	CV13 CV28		86	2923	CORROSIVE SOLID, TOXIC, N.O.S.
L10CH	TU14 TE1	FL	1				S2 S20	338	2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
L4BH	TE1	FL	2				S2 S20	338	2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
L4BN		FL	3				S2	38	2924	FLAMMABLE LIQUID, CORROSIVE, N.O.S.
SGAN		AT	2					48	2925	FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.
SGAN		AT	3					48	2925	FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.
SGAN		AT	2			CV28		46	2926	FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.
SGAN		AT	3			CV28		46	2926	FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	668	2927	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	2927	TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.
S10AH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	668	2928	TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	2928	TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2929	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	2929	TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.
	TE19		1			CV1 CV13 CV28	S9 S17		2930	TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	64	2930	TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2931	VANADYL SULPHATE
LGBF		FL	3				S2	30	2933	METHYL 2-CHLOROPROPIONATE
LGBF		FL	3				S2	30	2934	ISOPROPYL 2-CHLOROPROPIONATE
LGBF		FL	3				S2	30	2935	ETHYL 2-CHLOROPROPIONATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2936	THIOLACTIC ACID

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2937	alpha-METHYLBENZYL ALCOHOL	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2940	9-PHOSPHABICYCLO-NONANES (CYCLOOCTADIENE PHOSPHINES)	4.2	S2	II	4.2		LQ0	P410 IBC06	B2	MP14		
2941	FLUOROANILINES	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2942	2-TRIFLUOROMETHYL-ANILINE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15		
2943	TETRAHYDROFURFURYL-AMINE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2945	N-METHYLBUTYLAMINE	3	FC	II	3+8		LQ4	P001 IBC02		MP19	T7	TP1
2946	2-AMINO-5-DIETHYLAMINOPENTANE	6.1	T1	III	6.1		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
2947	ISOPROPYL CHLOROACETATE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
2948	3-TRIFLUOROMETHYL-ANILINE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2949	SODIUM HYDROSULPHIDE with not less than 25% water of crystallization	8	C6	II	8	523	LQ23	P002 IBC08	B2 B4	MP10	T7	TP2
2950	MAGNESIUM GRANULES, COATED, particle size not less than 149 microns	4.3	W2	III	4.3		LQ12	P410 IBC08 R001	B4	MP14		
2956	5-tert-BUTYL-2,4,6-TRINITRO-m-XYLENE (MUSK XYLENE)	4.1	SR1	III	4.1	638	LQ0	P409		MP2		
2965	BORON TRIFLUORIDE DIMETHYL ETHERATE	4.3	WFC	I	4.3 +3+8		LQ0	P401		MP2	T10	TP2 TP7
2966	THIOGLYCOL	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2
2967	SULPHAMIC ACID	8	C2	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10		
2968	MANEB, STABILIZED or MANEB PREPARATION, STABILIZED against self-heating	4.3	W2	III	4.3	547	LQ12	P002 IBC08 R001	B4	MP14		
2969	CASTOR BEANS or CASTOR MEAL or CASTOR POMACE or CASTOR FLAKE	9	M11	II	9	141	LQ25	P002 IBC08	PP34 B2 B4	MP10		
2977	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, FISSILE	7			7X +7E +8	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
2978	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, non fissile or fissile-excepted	7			7X +8	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
2983	ETHYLENE OXIDE AND PROPYLENE OXIDE MIXTURE, not more than 30% ethylene oxide	3	FT1	I	3 +6.1		LQ0	P200		MP7 MP17	T14	TP2 TP7 TP13

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2937	alpha-METHYLBENZYL ALCOHOL
SGAN		AT	2	V1				40	2940	9-PHOSPHABICYCLO-NONANES (CYCLOOCTADIENE PHOSPHINES)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2941	FLUOROANILINES
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2942	2-TRIFLUOROMETHYL-ANILINE
LGBF		FL	3				S2	30	2943	TETRAHYDROFURFURYL-AMINE
L4BH	TE1	FL	2				S2 S20	338	2945	N-METHYLBUTYLAMINE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2946	2-AMINO-5-DIETHYLAMINOPENTANE
LGBF		FL	3				S2	30	2947	ISOPROPYL CHLOROACETATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2948	3-TRIFLUOROMETHYL-ANILINE
L4BN SGAN		AT	2					80	2949	SODIUM HYDROSULPHIDE with not less than 25% water of crystallization
SGAN		AT	3	V1	VV5	CV23		423	2950	MAGNESIUM GRANULES, COATED, particle size not less than 149 microns
			3			CV14	S14		2956	5-tert-BUTYL-2,4,6-TRINITRO-m-XYLENE (MUSK XYLENE)
L10DH	TU4 TU14 TU22 TE1 TM2	FL	0	V1		CV23	S2	382	2965	BORON TRIFLUORIDE DIMETHYL ETHERATE
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2966	THIOGLYCOL
SGAV		AT	3		VV9b			80	2967	SULPHAMIC ACID
SGAN		AT	0	V1	VV5	CV23		423	2968	MANEB, STABILIZED or MANEB PREPARATION, STABILIZED against self-heating
SGAV		AT	2	V1	VV3			90	2969	CASTOR BEANS or CASTOR MEAL or CASTOR POMACE or CASTOR FLAKE
			0			CV33	S6 S11 S13 S21		2977	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, FISSILE
			0			CV33	S6 S11 S13 S21		2978	RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, non fissile or fissile-excepted
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	2983	ETHYLENE OXIDE AND PROPYLENE OXIDE MIXTURE, not more than 30% ethylene oxide

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2984	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than 20% hydrogen peroxide (stabilized as necessary)	5.1	O1	III	5.1	65	LQ13	P504 IBC02 R001	B5	MP15	T4	TP1 TP6 TP24
2985	CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.	3	FC	II	3+8	274 548	LQ4	P001 IBC02		MP19	T11	TP2 TP13 TP27
2986	CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S.	8	CF1	II	8+3	274 548	LQ22	P001 IBC02		MP15	T11	TP2 TP27
2987	CHLOROSILANES, CORROSIVE, N.O.S.	8	C3	II	8	274 548	LQ22	P001 IBC02		MP15	T14	TP2 TP27
2988	CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE, N.O.S.	4.3	WFC	I	4.3 +3 +8	274 549	LQ0	P401 PR2		MP2	T10	TP2 TP7 TP9 TP13
2989	LEAD PHOSPHITE, DIBASIC	4.1	F3	II	4.1		LQ8	P002 IBC08	B2 B4	MP11		
2989	LEAD PHOSPHITE, DIBASIC	4.1	F3	III	4.1		LQ9	P002 IBC08 LP02 R001	B3	MP11		
2990	LIFE-SAVING APPLIANCES, SELF-INFLATING	9	M5		9	296 635	LQ0	P905				
2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2 TP28
2992	CARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
2992	CARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
2992	CARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28
2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2 TP28
2994	ARSENICAL PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
2994	ARSENICAL PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
2994	ARSENICAL PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
LGBV	TU3 TC2 TE8 TE11 TT1	AT	3			CV24		50	2984	HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than 20% hydrogen peroxide (stabilized as necessary)
L4BH	TE1	FL	2				S2 S20	X338	2985	CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.
L4BN		FL	2				S2	X83	2986	CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S.
L4BN		AT	2					X80	2987	CHLOROSILANES, CORROSIVE, N.O.S.
L10DH	TU14 TU26 TE1 TM2 TM3	FL	0	V1		CV23	S2	X338	2988	CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE, N.O.S.
SGAN		AT	2					40	2989	LEAD PHOSPHITE, DIBASIC
SGAV		AT	3		VV1			40	2989	LEAD PHOSPHITE, DIBASIC
			3	V1					2990	LIFE-SAVING APPLIANCES, SELF-INFLATING
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	2991	CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2992	CARBAMATE PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2992	CARBAMATE PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2992	CARBAMATE PESTICIDE, LIQUID, TOXIC
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	2993	ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2994	ARSENICAL PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2994	ARSENICAL PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2994	ARSENICAL PESTICIDE, LIQUID, TOXIC

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
2995	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
2995	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
2995	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2 TP28
2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28
2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2 TP28
2998	TRIAZINE PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
2998	TRIAZINE PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
2998	TRIAZINE PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28
3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13
3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2 TP28
3006	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13
3006	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3006	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28
3009	COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2995	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	2995	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	2995	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2996	ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	2997	TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	2998	TRIAZINE PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	2998	TRIAZINE PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	2998	TRIAZINE PESTICIDE, LIQUID, TOXIC
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	3005	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3006	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3006	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3006	THIOCARBAMATE PESTICIDE, LIQUID, TOXIC
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	3009	COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3009	COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3009	COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2 TP28
3010	COPPER BASED PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3010	COPPER BASED PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3010	COPPER BASED PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28
3011	MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3011	MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3011	MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2 TP28
3012	MERCURY BASED PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3012	MERCURY BASED PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3012	MERCURY BASED PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28
3013	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3013	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3013	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2 TP28
3014	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3014	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3014	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28
3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3009	COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	3009	COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3010	COPPER BASED PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3010	COPPER BASED PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3010	COPPER BASED PESTICIDE, LIQUID, TOXIC
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	3011	MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3011	MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	3011	MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3012	MERCURY BASED PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3012	MERCURY BASED PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3012	MERCURY BASED PESTICIDE, LIQUID, TOXIC
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	3013	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3013	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	3013	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3014	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3014	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3014	SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2 TP28
3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28
3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2 TP28
3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28
3019	ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3019	ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3019	ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2 TP28
3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28
3021	PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S., flash-point less than 23 °C	3	FT2	I	3+6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
3021	PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S., flash-point less than 23 °C	3	FT2	II	3+6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27
3022	1,2-BUTYLENE OXIDE, STABILIZED	3	F1	II	3		LQ4	P001 IBC02 R001		MP19	T4	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	3015	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3016	BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	3017	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3018	ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	3019	ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3019	ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	3019	ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3020	ORGANOTIN PESTICIDE, LIQUID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	3021	PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S., flash-point less than 23 °C
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	3021	PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S., flash-point less than 23 °C
LGBF		FL	2				S2 S20	339	3022	1,2-BUTYLENE OXIDE, STABILIZED

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3023	2-METHYL-2-HEPTANETHIOL	6.1	TF1	I	6.1+3		LQ0	P001		MP8 MP17	T14	TP2 TP13
3024	COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3+6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
3024	COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3+6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27
3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP1 TP28
3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP27
3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
3027	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18	T14	TP2 TP9 TP27
3027	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10	T11	TP2 TP27
3027	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10	T7	TP1 TP28
3028	BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE SOLID, electric storage	8	C11		8	295 598	LQ0	P801 P801a				
3048	ALUMINIUM PHOSPHIDE PESTICIDE	6.1	T7	I	6.1	61 153	LQ0	P002 IBC07	B1	MP18		
3049	METAL ALKYL HALIDES, WATER-REACTIVE, N.O.S. or METAL ARYL HALIDES, WATER-REACTIVE, N.O.S.	4.2	SW	I	4.2 +4.3	274 527	LQ0	P400 PR1		MP2	T21	TP2 TP7 TP9
3050	METAL ALKYL HYDRIDES, WATER-REACTIVE, N.O.S. or METAL ARYL HYDRIDES, WATER-REACTIVE, N.O.S.	4.2	SW	I	4.2 +4.3	274 527	LQ0	P400 PR1		MP2	T21	TP2 TP7
3051	ALUMINIUM ALKYLS	4.2	SW	I	4.2 +4.3	274	LQ0	P400 PR1		MP2	T21	TP2 TP7 TP9
3052	ALUMINIUM ALKYL HALIDES, LIQUID	4.2	SW	I	4.2 +4.3	274	LQ0	P400 PR1		MP2	T21	TP2 TP7
3052	ALUMINIUM ALKYL HALIDES, SOLID	4.2	SW	I	4.2 +4.3	274	LQ0	P404		MP2	T21	TP2 TP7

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L10CH	TU14 TU15 TE1	FL	1			CV1 CV13 CV28	S2 S9 S17	663	3023	2-METHYL-2-HEPTANETHIOL
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	3024	COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	3024	COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	3025	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3026	COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3027	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3027	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3027	COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC
			3		VV14			80	3028	BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE SOLID, electric storage
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	642	3048	ALUMINIUM PHOSPHIDE PESTICIDE
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	3049	METAL ALKYL HALIDES, WATER-REACTIVE, N.O.S. or METAL ARYL HALIDES, WATER-REACTIVE, N.O.S.
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	3050	METAL ALKYL HYDRIDES, WATER-REACTIVE, N.O.S. or METAL ARYL HYDRIDES, WATER-REACTIVE, N.O.S.
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	3051	ALUMINIUM ALKYLS
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	3052	ALUMINIUM ALKYL HALIDES, LIQUID
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	3052	ALUMINIUM ALKYL HALIDES, SOLID

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3053	MAGNESIUM ALKYLS	4.2	SW	I	4.2 +4.3	274	LQ0	P400 PR1		MP2	T21	TP2 TP7
3054	CYCLOHEXYL MERCAPTAN	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
3055	2-(2-AMINOETHOXY) ETHANOL	8	C7	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
3056	n-HEPTALDEHYDE	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
3057	TRIFLUOROACETYL CHLORIDE	2	2TC		2.3+8		LQ0	P200		MP9	T50	TP21
3064	NITROGLYCERIN, SOLUTION IN ALCOHOL with more than 1% but not more than 5% nitroglycerin	3	D	II	3		LQ0	P300		MP2		
3065	ALCOHOLIC BEVERAGES, with more than 70% alcohol by volume	3	F1	II	3		LQ5	P001 IBC02 R001	PP2	MP19	T4	TP1
3065	ALCOHOLIC BEVERAGES, with more than 24% but not more than 70% alcohol by volume	3	F1	III	3	144 145 247	LQ7	P001 IBC03 R001	PP2	MP19	T2	TP1
3066	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)	8	C9	II	8	163	LQ22	P001 IBC02		MP15	T7	TP2
3066	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)	8	C9	III	8	163	LQ19	P001 IBC03 R001		MP15	T4	TP1
3070	ETHYLENE OXIDE AND DICHLORODIFLUORO-METHANE MIXTURE with not more than 12.5% ethylene oxide	2	2A		2.2		LQ1	P200		MP9	T50	
3071	MERCAPTANS, LIQUID, TOXIC, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, TOXIC, FLAMMABLE, N.O.S.	6.1	TF1	II	6.1+3	274	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3072	LIFE-SAVING APPLIANCES NOT SELF-INFLATING containing dangerous goods as equipment	9	M5		9	296 635	LQ0	P905				
3073	VINYLPYRIDINES, STABILIZED	6.1	TFC	II	6.1 +3 +8		LQ17	P001 IBC01		MP15	T7	TP2 TP13
3076	ALUMINIUM ALKYL HYDRIDES	4.2	SW	I	4.2 +4.3	274	LQ0	P400 PR1		MP2	T21	TP2 TP7
3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	9	M7	III	9	274	LQ27	P002 IBC08 LP02 R001	PP12	MP10		
3078	CERIUM, turnings or gritty powder	4.3	W2	II	4.3	550	LQ11	P410 IBC07	B2	MP14		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identifi-cation No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	3053	MAGNESIUM ALKYLS
LGBF		FL	3				S2	30	3054	CYCLOHEXYL MERCAPTAN
L4BN		AT	3					80	3055	2-(2-AMINOETHOXY) ETHANOL
LGBF		FL	3				S2	30	3056	n-HEPTALDEHYDE
PxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	268	3057	TRIFLUOROACETYL CHLORIDE
			0				S2 S19		3064	NITROGLYCERIN, SOLUTION IN ALCOHOL with more than 1% but not more than 5% nitroglycerin
LGBF		FL	2				S2 S20	33	3065	ALCOHOLIC BEVERAGES, with more than 70% alcohol by volume
LGBF		FL	3				S2	30	3065	ALCOHOLIC BEVERAGES, with more than 24% but not more than 70% alcohol by volume
L4BN		AT	2					80	3066	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)
L4BN		AT	3					80	3066	PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning and reducing compound)
PxBN(M)		AT	3	V7		CV9 CV10		20	3070	ETHYLENE OXIDE AND DICHLORODIFLUORO-METHANE MIXTURE with not more than 12.5% ethylene oxide
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3071	MERCAPTANS, LIQUID, TOXIC, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, TOXIC, FLAMMABLE, N.O.S.
			3	V1					3072	LIFE-SAVING APPLIANCES NOT SELF-INFLATING containing dangerous goods as equipment
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	638	3073	VINYLPYRIDINES, STABILIZED
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	3076	ALUMINIUM ALKYL HYDRIDES
SGAV		AT	3	V1	VV3	CV13		90	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
SGAN		AT	2	V1		CV23		423	3078	CERIUM, turnings or gritty powder

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3079	METHACRYLONITRILE, STABILIZED	3	FT1	I	3 +6.1		LQ0	P001		MP7 MP17	T14	TP2 TP13
3080	ISOCYANATES, TOXIC, FLAMMABLE, N.O.S. or ISOCYANATE SOLUTION, TOXIC, FLAMMABLE, N.O.S.	6.1	TF1	II	6.1 +3	274 551	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	9	M6	III	9	274	LQ28	P001 IBC03 LP01 R001		MP15	T4	TP1 TP29
3083	PERCHLORYL FLUORIDE	2	2TO		2.3 +5.1		LQ0	P200		MP9		
3084	CORROSIVE SOLID, OXIDIZING, N.O.S.	8	CO2	I	8 +5.1	274	LQ21	P002		MP18		
3084	CORROSIVE SOLID, OXIDIZING, N.O.S.	8	CO2	II	8 +5.1	274	LQ23	P002 IBC06	B2	MP10		
3085	OXIDIZING SOLID, CORROSIVE, N.O.S.	5.1	OC2	I	5.1 +8	274	LQ0	P503		MP2		
3085	OXIDIZING SOLID, CORROSIVE, N.O.S.	5.1	OC2	II	5.1 +8	274	LQ11	P002 IBC06	B2	MP2		
3085	OXIDIZING SOLID, CORROSIVE, N.O.S.	5.1	OC2	III	5.1 +8	274	LQ12	P002 IBC08 R001	B3	MP2		
3086	TOXIC SOLID, OXIDIZING, N.O.S.	6.1	TO2	I	6.1 +5.1	274	LQ0	P002		MP18		
3086	TOXIC SOLID, OXIDIZING, N.O.S.	6.1	TO2	II	6.1 +5.1	274	LQ18	P002 IBC06	B2	MP10		
3087	OXIDIZING SOLID, TOXIC, N.O.S.	5.1	OT2	I	5.1 +6.1	274	LQ0	P503		MP2		
3087	OXIDIZING SOLID, TOXIC, N.O.S.	5.1	OT2	II	5.1 +6.1	274	LQ11	P002 IBC06	B2	MP2		
3087	OXIDIZING SOLID, TOXIC, N.O.S.	5.1	OT2	III	5.1 +6.1	274	LQ12	P002 IBC08 R001	B3	MP2		
3088	SELF-HEATING SOLID, ORGANIC, N.O.S.	4.2	S2	II	4.2	274	LQ0	P410 IBC06	B2	MP14		
3088	SELF-HEATING SOLID, ORGANIC, N.O.S.	4.2	S2	III	4.2	274	LQ0	P002 IBC08 LP02 R001	B3	MP14		
3089	METAL POWDER, FLAMMABLE, N.O.S.	4.1	F3	II	4.1	274 552	LQ8	P002 IBC08	B2 B4	MP11		
3089	METAL POWDER, FLAMMABLE, N.O.S.	4.1	F3	III	4.1	274 552	LQ9	P002 IBC06 R001		MP11		
3090	LITHIUM BATTERIES	9	M4	II	9	188 230 287 636	LQ0	P903				
3091	LITHIUM BATTERIES CONTAINED IN EQUIPMENT or LITHIUM BATTERIES PACKED WITH EQUIPMENT	9	M4	II	9	188 230 636	LQ0	P903				
3092	1-METHOXY-2-PROPANOL	3	F1	III	3		LQ7	P001 IBC03 LP01 R001		MP19	T2	TP1
3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.	8	CO1	I	8 +5.1	274	LQ20	P001		MP8 MP17		
3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.	8	CO1	II	8 +5.1	274	LQ22	P001 IBC02		MP15		
3094	CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.	8	CW1	I	8 +4.3	222 274	LQ20	P001		MP8 MP17		
3094	CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.	8	CW1	II	8 +4.3	222 274	LQ22	P001		MP15		
3095	CORROSIVE SOLID, SELF-HEATING, N.O.S.	8	CS2	I	8 +4.2	274	LQ21	P002		MP18		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	3079	METHACRYLONITRILE, STABILIZED
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3080	ISOCYANATES, TOXIC, FLAMMABLE, N.O.S. or ISOCYANATE SOLUTION, TOXIC, FLAMMABLE, N.O.S.
LGBV		AT	3	V1		CV13		90	3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
PxBH(M)	TE1	AT	1	V7		CV9 CV10	S7 S17	265	3083	PERCHLORYL FLUORIDE
S10AN L10BH	TE1	AT	1			CV24	S20	885	3084	CORROSIVE SOLID, OXIDIZING, N.O.S.
SGAN L4BN		AT	2			CV24		85	3084	CORROSIVE SOLID, OXIDIZING, N.O.S.
			1			CV24			3085	OXIDIZING SOLID, CORROSIVE, N.O.S.
SGAN	TU3	AT	2			CV24		58	3085	OXIDIZING SOLID, CORROSIVE, N.O.S.
SGAN	TU3	AT	3			CV24		58	3085	OXIDIZING SOLID, CORROSIVE, N.O.S.
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	665	3086	TOXIC SOLID, OXIDIZING, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	65	3086	TOXIC SOLID, OXIDIZING, N.O.S.
			1			CV24 CV28			3087	OXIDIZING SOLID, TOXIC, N.O.S.
SGAN	TU3	AT	2			CV24 CV28		56	3087	OXIDIZING SOLID, TOXIC, N.O.S.
SGAN	TU3	AT	3			CV24 CV28		56	3087	OXIDIZING SOLID, TOXIC, N.O.S.
SGAV		AT	2	V1				40	3088	SELF-HEATING SOLID, ORGANIC, N.O.S.
SGAV		AT	3	V1				40	3088	SELF-HEATING SOLID, ORGANIC, N.O.S.
SGAN		AT	2					40	3089	METAL POWDER, FLAMMABLE, N.O.S.
SGAV		AT	3		VV1			40	3089	METAL POWDER, FLAMMABLE, N.O.S.
			2	V1					3090	LITHIUM BATTERIES
			2	V1					3091	LITHIUM BATTERIES CONTAINED IN EQUIPMENT or LITHIUM BATTERIES PACKED WITH EQUIPMENT
LGBF		FL	3				S2	30	3092	1-METHOXY-2-PROPANOL
L10BH	TE1	AT	1			CV24	S20	885	3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.
L4BN		AT	2			CV24		85	3093	CORROSIVE LIQUID, OXIDIZING, N.O.S.
L10BH	TE1	AT	1				S20	823	3094	CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.
L4BN		AT	2					823	3094	CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.
			1				S20		3095	CORROSIVE SOLID, SELF-HEATING, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3095	CORROSIVE SOLID, SELF-HEATING, N.O.S.	8	CS2	II	8 +4.2	274	LQ23	P002 IBC06	B2	MP10		
3096	CORROSIVE SOLID, WATER-REACTIVE, N.O.S.	8	CW2	I	8 +4.3	222 274	LQ21	P002		MP18		
3096	CORROSIVE SOLID, WATER-REACTIVE, N.O.S.	8	CW2	II	8 +4.3	222 274	LQ23	P002 IBC06	B2	MP10		
3097	FLAMMABLE SOLID, OXIDIZING, N.O.S.	4.1	FO	CARRIAGE PROHIBITED								
3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.	5.1	OC1	I	5.1 +8	274	LQ0	P502		MP2		
3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.	5.1	OC1	II	5.1 +8	274	LQ10	P504 IBC01		MP2		
3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.	5.1	OC1	III	5.1+8	274	LQ13	P504 IBC02 R001		MP2		
3099	OXIDIZING LIQUID, TOXIC, N.O.S.	5.1	OT1	I	5.1 +6.1	274	LQ0	P502		MP2		
3099	OXIDIZING LIQUID, TOXIC, N.O.S.	5.1	OT1	II	5.1 +6.1	274	LQ10	P504 IBC01		MP2		
3099	OXIDIZING LIQUID, TOXIC, N.O.S.	5.1	OT1	III	5.1 +6.1	274	LQ13	P504 IBC02 R001		MP2		
3100	OXIDIZING SOLID, SELF-HEATING, N.O.S.	5.1	OS	CARRIAGE PROHIBITED								
3101	ORGANIC PEROXIDE TYPE B, LIQUID	5.2	P1		5.2 +1	122 181 274	LQ14	P520		MP4		
3102	ORGANIC PEROXIDE TYPE B, SOLID	5.2	P1		5.2 +1	122 181 274	LQ15	P520		MP4		
3103	ORGANIC PEROXIDE TYPE C, LIQUID	5.2	P1		5.2	122 274	LQ14	P520		MP4		
3104	ORGANIC PEROXIDE TYPE C, SOLID	5.2	P1		5.2	122 274	LQ15	P520		MP4		
3105	ORGANIC PEROXIDE TYPE D, LIQUID	5.2	P1		5.2	122 274	LQ16	P520		MP4		
3106	ORGANIC PEROXIDE TYPE D, SOLID	5.2	P1		5.2	122 274	LQ11	P520		MP4		
3107	ORGANIC PEROXIDE TYPE E, LIQUID	5.2	P1		5.2	122 274	LQ16	P520		MP4		
3108	ORGANIC PEROXIDE TYPE E, SOLID	5.2	P1		5.2	122 274	LQ11	P520		MP4		
3109	ORGANIC PEROXIDE TYPE F, LIQUID	5.2	P1		5.2	122 274	LQ16	P520 IBC520		MP4	T23	
3110	ORGANIC PEROXIDE TYPE F, SOLID	5.2	P1		5.2	122 274	LQ11	P520 IBC520		MP4	T23	
3111	ORGANIC PEROXIDE TYPE B, LIQUID, TEMPERATURE CONTROLLED	5.2	P2		5.2+1	122 181 274	LQ0	P520		MP4		
3112	ORGANIC PEROXIDE TYPE B, SOLID, TEMPERATURE CONTROLLED	5.2	P2		5.2+1	122 181 274	LQ0	P520		MP4		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAN		AT	2					84	3095	CORROSIVE SOLID, SELF-HEATING, N.O.S.
S10AN L10BH	TE1	AT	1				S20	842	3096	CORROSIVE SOLID, WATER-REACTIVE, N.O.S.
SGAN L4BN		AT	2					842	3096	CORROSIVE SOLID, WATER-REACTIVE, N.O.S.
CARRIAGE PROHIBITED									3097	FLAMMABLE SOLID, OXIDIZING, N.O.S.
			1			CV24			3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.
			2			CV24			3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.
			3			CV24			3098	OXIDIZING LIQUID, CORROSIVE, N.O.S.
			1			CV24 CV28			3099	OXIDIZING LIQUID, TOXIC, N.O.S.
			2			CV24 CV28			3099	OXIDIZING LIQUID, TOXIC, N.O.S.
			3			CV24 CV28			3099	OXIDIZING LIQUID, TOXIC, N.O.S.
CARRIAGE PROHIBITED									3100	OXIDIZING SOLID, SELF-HEATING, N.O.S.
			1	V1 V5		CV15 CV20 CV22 CV24	S9 S17		3101	ORGANIC PEROXIDE TYPE B, LIQUID
			1	V1 V5		CV15 CV20 CV22 CV24	S9 S17		3102	ORGANIC PEROXIDE TYPE B, SOLID
			1	V1		CV15 CV20 CV22 CV24	S8 S18		3103	ORGANIC PEROXIDE TYPE C, LIQUID
			1	V1		CV15 CV20 CV22 CV24	S8 S18		3104	ORGANIC PEROXIDE TYPE C, SOLID
			2	V1		CV15 CV22 CV24	S19		3105	ORGANIC PEROXIDE TYPE D, LIQUID
			2	V1		CV15 CV22 CV24	S19		3106	ORGANIC PEROXIDE TYPE D, SOLID
			2	V1		CV15 CV22 CV24			3107	ORGANIC PEROXIDE TYPE E, LIQUID
			2	V1		CV15 CV22 CV24			3108	ORGANIC PEROXIDE TYPE E, SOLID
L4BN(+)	TU3 TU13 TU30 TE12 TA2 TM4	AT	2	V1		CV15 CV22 CV24		539	3109	ORGANIC PEROXIDE TYPE F, LIQUID
S4AN(+)	TU3 TU13 TU30 TE12 TA2 TM4	AT	2	V1		CV15 CV22 CV24		539	3110	ORGANIC PEROXIDE TYPE F, SOLID
			2	V8		CV15 CV20 CV21 CV22 CV24	S4 S9 S16		3111	ORGANIC PEROXIDE TYPE B, LIQUID, TEMPERATURE CONTROLLED
			2	V8		CV15 CV20 CV21 CV22 CV24	S4 S9 S16		3112	ORGANIC PEROXIDE TYPE B, SOLID, TEMPERATURE CONTROLLED

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3113	ORGANIC PEROXIDE TYPE C, LIQUID, TEMPERATURE CONTROLLED	5.2	P2		5.2	122 274	LQ0	P520		MP4		
3114	ORGANIC PEROXIDE TYPE C, SOLID, TEMPERATURE CONTROLLED	5.2	P2		5.2	122 274	LQ0	P520		MP4		
3115	ORGANIC PEROXIDE TYPE D, LIQUID, TEMPERATURE CONTROLLED	5.2	P2		5.2	122 274	LQ0	P520		MP4		
3116	ORGANIC PEROXIDE TYPE D, SOLID, TEMPERATURE CONTROLLED	5.2	P2		5.2	122 274	LQ0	P520		MP4		
3117	ORGANIC PEROXIDE TYPE E, LIQUID, TEMPERATURE CONTROLLED	5.2	P2		5.2	122 274	LQ0	P520		MP4		
3118	ORGANIC PEROXIDE TYPE E, SOLID, TEMPERATURE CONTROLLED	5.2	P2		5.2	122 274	LQ0	P520		MP4		
3119	ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED	5.2	P2		5.2	122 274	LQ0	P520 IBC520		MP4	T23	
3120	ORGANIC PEROXIDE TYPE F, SOLID, TEMPERATURE CONTROLLED	5.2	P2		5.2	122 274	LQ0	P520 IBC520		MP4	T23	
3121	OXIDIZING SOLID, WATER-REACTIVE, N.O.S.	5.1	OW	CARRIAGE PROHIBITED								
3122	TOXIC LIQUID, OXIDIZING, N.O.S.	6.1	TO1	I	6.1 +5.1	274	LQ0	P001		MP8 MP17		
3122	TOXIC LIQUID, OXIDIZING, N.O.S.	6.1	TO1	II	6.1 +5.1	274	LQ17	P001 IBC02		MP15		
3123	TOXIC LIQUID, WATER-REACTIVE, N.O.S.	6.1	TW1	I	6.1 +4.3	222 274	LQ0	P099		MP8 MP17		
3123	TOXIC LIQUID, WATER-REACTIVE, N.O.S.	6.1	TW1	II	6.1 +4.3	222 274	LQ17	P001 IBC02		MP15		
3124	TOXIC SOLID, SELF-HEATING, N.O.S.	6.1	TS	I	6.1 +4.2	274	LQ0	P002		MP18		
3124	TOXIC SOLID, SELF-HEATING, N.O.S.	6.1	TS	II	6.1 +4.2	274	LQ18	P002 IBC06	B2	MP10		
3125	TOXIC SOLID, WATER-REACTIVE, N.O.S.	6.1	TW2	I	6.1 +4.3	222 274	LQ0	P099		MP18		
3125	TOXIC SOLID, WATER-REACTIVE, N.O.S.	6.1	TW2	II	6.1 +4.3	222 274	LQ18	P002 IBC06	B2	MP10		
3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.	4.2	SC2	II	4.2+8	274	LQ0	P410 IBC05	B2	MP14		
3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.	4.2	SC2	III	4.2+8	274	LQ0	P002 IBC08 R001	B3	MP14		
3127	SELF-HEATING SOLID, OXIDIZING, N.O.S	4.2	SO	CARRIAGE PROHIBITED								
3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.	4.2	ST2	II	4.2 +6.1	274	LQ0	P410 IBC05	B2	MP14		
3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.	4.2	ST2	III	4.2 +6.1	274	LQ0	P002 IBC08 R001	B3	MP14		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			2	V8		CV15 CV20 CV21 CV22 CV24	S4 S8 S17		3113	ORGANIC PEROXIDE TYPE C, LIQUID, TEMPERATURE CONTROLLED
			2	V8		CV15 CV20 CV21 CV22 CV24	S4 S8 S17		3114	ORGANIC PEROXIDE TYPE C, SOLID, TEMPERATURE CONTROLLED
			2	V8		CV15 CV21 CV22 CV24	S4 S18		3115	ORGANIC PEROXIDE TYPE D, LIQUID, TEMPERATURE CONTROLLED
			2	V8		CV15 CV21 CV22 CV24	S4 S18		3116	ORGANIC PEROXIDE TYPE D, SOLID, TEMPERATURE CONTROLLED
			2	V8		CV15 CV21 CV22 CV24	S4 S19		3117	ORGANIC PEROXIDE TYPE E, LIQUID, TEMPERATURE CONTROLLED
			2	V8		CV15 CV21 CV22 CV24	S4 S19		3118	ORGANIC PEROXIDE TYPE E, SOLID, TEMPERATURE CONTROLLED
L4BN(+)	TU3 TU13 TU30 TE12 TA2 TM4		2	V8		CV15 CV21 CV22 CV24	S4	539	3119	ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED
S4AN(+)	TU3 TU13 TU30 TE12 TA2 TM4		2	V8		CV15 CV21 CV22 CV24	S4	539	3120	ORGANIC PEROXIDE TYPE F, SOLID, TEMPERATURE CONTROLLED
CARRIAGE PROHIBITED									3121	OXIDIZING SOLID, WATER-REACTIVE, N.O.S.
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	665	3122	TOXIC LIQUID, OXIDIZING, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	65	3122	TOXIC LIQUID, OXIDIZING, N.O.S.
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	623	3123	TOXIC LIQUID, WATER-REACTIVE, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	623	3123	TOXIC LIQUID, WATER-REACTIVE, N.O.S.
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	664	3124	TOXIC SOLID, SELF-HEATING, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	64	3124	TOXIC SOLID, SELF-HEATING, N.O.S.
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	642	3125	TOXIC SOLID, WATER-REACTIVE, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	642	3125	TOXIC SOLID, WATER-REACTIVE, N.O.S.
SGAN		AT	2	V1				48	3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.
SGAN		AT	3	V1				48	3126	SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.
CARRIAGE PROHIBITED									3127	SELF-HEATING SOLID, OXIDIZING, N.O.S
SGAN		AT	2	V1		CV28		46	3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.
SGAN		AT	3	V1		CV28		46	3128	SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	4.3	WC1	I	4.3+8	222 274	LQ0	P402 PR1		MP2		
3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	4.3	WC1	II	4.3+8	222 274	LQ10	P402 IBC01 PR1		MP15		
3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	4.3	WC1	III	4.3+8	222 274	LQ13	P001 IBC02 PR1 R001		MP15		
3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.	4.3	WT1	I	4.3 +6.1	222 274	LQ0	P402 PR1	PP78	MP2		
3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.	4.3	WT1	II	4.3 +6.1	222 274	LQ10	P402 IBC01 PR1	PP78 B12	MP15		
3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.	4.3	WT1	III	4.3 +6.1	222 274	LQ13	P001 IBC02 PR1 R001		MP15		
3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	4.3	WC2	I	4.3+8	222 274	LQ0	P403		MP2		
3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	4.3	WC2	II	4.3+8	222 274	LQ11	P410 IBC06	B2	MP14		
3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	4.3	WC2	III	4.3+8	222 274	LQ12	P410 IBC08 R001	B4	MP14		
3132	WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	4.3	WF2	CARRIAGE PROHIBITED								
3133	WATER-REACTIVE SOLID, OXIDIZING, N.O.S.	4.3	WO	CARRIAGE PROHIBITED								
3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.	4.3	WT2	I	4.3 +6.1	222 274	LQ0	P403		MP2		
3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.	4.3	WT2	II	4.3 +6.1	222 274	LQ11	P410 IBC05	B2	MP14		
3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.	4.3	WT2	III	4.3 +6.1	222 274	LQ12	P410 IBC08 R001	B4	MP14		
3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	4.3	WS	CARRIAGE PROHIBITED								
3136	TRIFLUOROMETHANE, REFRIGERATED LIQUID	2	3A		2.2	593	LQ1	P203		MP9	T75	
3137	OXIDIZING SOLID, FLAMMABLE, N.O.S.	5.1	OF	CARRIAGE PROHIBITED								
3138	ETHYLENE, ACETYLENE AND PROPYLENE MIXTURE, REFRIGERATED LIQUID containing at least 71.5% ethylene with not more than 22.5% acetylene and not more than 6% propylene	2	3F		2.1		LQ0	P203		MP9	T75	
3139	OXIDIZING LIQUID, N.O.S.	5.1	O1	I	5.1	274	LQ0	P502		MP2		
3139	OXIDIZING LIQUID, N.O.S.	5.1	O1	II	5.1	274	LQ10	P504 IBC02		MP2		
3139	OXIDIZING LIQUID, N.O.S.	5.1	O1	III	5.1	274	LQ13	P504 IBC02 R001		MP2		
3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOID SALTS, LIQUID, N.O.S.	6.1	T1	I	6.1	43 274	LQ0	P001		MP8 MP17		
3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOID SALTS, LIQUID, N.O.S.	6.1	T1	II	6.1	43 274	LQ17	P001 IBC02		MP15		
3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOID SALTS, LIQUID, N.O.S.	6.1	T1	III	6.1	43 274	LQ19	P001 IBC03 LP01 R001		MP15		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L10DH	TU14 TE1 TM2	AT	0	V1		CV23		X382	3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.
L4DH	TU14 TE1 TM2	AT	0	V1		CV23		382	3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.
L4DH	TU14 TE1 TM2	AT	0	V1		CV23		382	3129	WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.
L10DH	TU14 TE1 TM2	AT	0	V1		CV23 CV28		X362	3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.
L4DH	TU14 TE1 TM2	AT	0	V1		CV23 CV28		362	3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.
L4DH	TU14 TE1 TM2	AT	0	V1		CV23 CV28		362	3130	WATER-REACTIVE LIQUID, TOXIC, N.O.S.
			0	V1		CV23			3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.
SGAN		AT	0	V1		CV23		482	3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.
SGAN		AT	0	V1		CV23		482	3131	WATER-REACTIVE SOLID, CORROSIVE, N.O.S.
CARRIAGE PROHIBITED									3132	WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.
CARRIAGE PROHIBITED									3133	WATER-REACTIVE SOLID, OXIDIZING, N.O.S.
			0	V1		CV23 CV28			3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.
SGAN		AT	0	V1		CV23 CV28		462	3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.
SGAN		AT	0	V1		CV23 CV28		462	3134	WATER-REACTIVE SOLID, TOXIC, N.O.S.
CARRIAGE PROHIBITED									3135	WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.
RxBN(M)	TU19	AT	3	V5 V7		CV9 CV11	S20	22	3136	TRIFLUOROMETHANE, REFRIGERATED LIQUID
CARRIAGE PROHIBITED									3137	OXIDIZING SOLID, FLAMMABLE, N.O.S.
RxBN(M)	TU18	FL	2	V5 V7		CV9 CV11	S2 S17	223	3138	ETHYLENE, ACETYLENE AND PROPYLENE MIXTURE, REFRIGERATED LIQUID containing at least 71.5% ethylene with not more than 22.5% acetylene and not more than 6% propylene
			1			CV24			3139	OXIDIZING LIQUID, N.O.S.
			2			CV24			3139	OXIDIZING LIQUID, N.O.S.
			3			CV24			3139	OXIDIZING LIQUID, N.O.S.
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOID SALTS, LIQUID, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOID SALTS, LIQUID, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3140	ALKALOIDS, LIQUID, N.O.S. or ALKALOID SALTS, LIQUID, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3141	ANTIMONY COMPOUND, INORGANIC, LIQUID, N.O.S.	6.1	T4	III	6.1	45 274 512	LQ19	P001 IBC03 LP01 R001		MP15		
3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.	6.1	T1	I	6.1	274	LQ0	P001		MP8 MP17		
3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.	6.1	T1	II	6.1	274	LQ17	P001 IBC02		MP15		
3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.	6.1	T1	III	6.1	274	LQ19	P001 IBC03 LP01 R001		MP15		
3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	6.1	T2	I	6.1	274	LQ0	P002 IBC07	B1	MP18		
3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	6.1	T2	II	6.1	274	LQ18	P002 IBC08	B2 B4	MP10		
3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	6.1	T2	III	6.1	274	LQ9	P002 IBC08 LP02 R001	B3	MP10		
3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1	T1	I	6.1	43 274	LQ0	P001		MP8 MP17		
3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1	T1	II	6.1	43 274	LQ17	P001 IBC02		MP15		
3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.	6.1	T1	III	6.1	43 274	LQ19	P001 IBC03 LP01 R001		MP15		
3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C_2-C_{12} homologues)	8	C3	I	8	274	LQ20	P001		MP8 MP17	T14	TP2 TP9
3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C_2-C_{12} homologues)	8	C3	II	8	274	LQ22	P001 IBC02		MP15	T11	TP2 TP27
3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C_2-C_{12} homologues)	8	C3	III	8	274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
3146	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	T3	I	6.1	43 274	LQ0	P002 IBC07	B1	MP18		
3146	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	T3	II	6.1	43 274	LQ18	P002 IBC08	B2 B4	MP10		
3146	ORGANOTIN COMPOUND, SOLID, N.O.S.	6.1	T3	III	6.1	43 274	LQ9	P002 IBC08 LP02 R001	B3	MP10		
3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	C10	I	8	274	LQ21	P002 IBC07	B1	MP18		
3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	C10	II	8	274	LQ23	P002 IBC08	B2 B4	MP10		
3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	8	C10	III	8	274	LQ24	P002 IBC08 LP02 R001	B3	MP10		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3141	ANTIMONY COMPOUND, INORGANIC, LIQUID, N.O.S.
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3142	DISINFECTANT, LIQUID, TOXIC, N.O.S.
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3143	DYE, SOLID, TOXIC, N.O.S. or DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3144	NICOTINE COMPOUND, LIQUID, N.O.S. or NICOTINE PREPARATION, LIQUID, N.O.S.
L10BH	TE1	AT	1				S20	88	3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C2-C12 homologues)
L4BN		AT	2					80	3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C2-C12 homologues)
L4BN		AT	3					80	3145	ALKYLPHENOLS, LIQUID, N.O.S. (including C2-C12 homologues)
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3146	ORGANOTIN COMPOUND, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3146	ORGANOTIN COMPOUND, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3146	ORGANOTIN COMPOUND, SOLID, N.O.S.
S10AN L10BH	TE1	AT	1				S20	88	3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.
SGAN L4BN		AT	2					80	3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.
SGAV L4BN		AT	3		VV9b			80	3147	DYE, SOLID, CORROSIVE, N.O.S. or DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3148	WATER-REACTIVE LIQUID, N.O.S.	4.3	W1	I	4.3	222 274	LQ0	P402 PR1		MP2		
3148	WATER-REACTIVE LIQUID, N.O.S.	4.3	W1	II	4.3	222 274	LQ10	P402 IBC01 PR1		MP15		
3148	WATER-REACTIVE LIQUID, N.O.S.	4.3	W1	III	4.3	222 274	LQ13	P001 IBC02 PR1 R001		MP15		
3149	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE with acid(s), water and not more than 5% peroxyacetic acid, STABILIZED	5.1	OC1	II	5.1+8	196 553	LQ10	P504 IBC02	B5	MP15	T7	TP2 TP6 TP24
3150	DEVICES, SMALL, HYDROCARBON GAS POWERED or HYDROCARBON GAS REFILLS FOR SMALL DEVICES with release device	2	6F		2.1		LQ0	P206		MP9		
3151	POLYHALOGENATED BIPHENYLS, LIQUID or POLYHALOGENATED TERPHENYLS, LIQUID	9	M2	II	9	203 595	LQ29	P906 IBC02		MP15		
3152	POLYHALOGENATED BIPHENYLS, SOLID or POLYHALOGENATED TERPHENYLS, SOLID	9	M2	II	9	203 595	LQ29	P906 IBC08	B2 B4	MP10		
3153	PERFLUORO(METHYL VINYL ETHER)	2	2F		2.1		LQ0	P200		MP9	T50	
3154	PERFLUORO(ETHYL VINYL ETHER)	2	2F		2.1		LQ0	P200		MP9		
3155	PENTACHLOROPHENOL	6.1	T2	II	6.1	43	LQ18	P002 IBC08	B2 B4	MP10		
3156	COMPRESSED GAS, OXIDIZING, N.O.S.	2	1O		2.2 +5.1	274	LQ0	P200		MP9		
3157	LIQUEFIED GAS, OXIDIZING, N.O.S.	2	2O		2.2 +5.1	274	LQ0	P200		MP9		
3158	GAS, REFRIGERATED LIQUID, N.O.S.	2	3A		2.2	274 593	LQ1	P203		MP9	T75	
3159	1,1,1,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 134a)	2	2A		2.2		LQ1	P200		MP9	T50	
3160	LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.	2	2TF		2.3 +2.1	274	LQ0	P200		MP9		
3161	LIQUEFIED GAS, FLAMMABLE, N.O.S.	2	2F		2.1	274	LQ0	P200		MP9	T50	
3162	LIQUEFIED GAS, TOXIC, N.O.S.	2	2T		2.3	274	LQ0	P200		MP9		
3163	LIQUEFIED GAS, N.O.S.	2	2A		2.2	274	LQ1	P200		MP9	T50	
3164	ARTICLES, PRESSURIZED, PNEUMATIC or HYDRAULIC (containing non-flammable gas)	2	6A		2.2	283 594	LQ0	P003		MP9		
3165	AIRCRAFT HYDRAULIC POWER UNIT FUEL TANK (containing a mixture of anhydrous hydrazine and methylhydrazine) (M86 fuel)	3	FTC	I	3 +6.1 +8		LQ0	P301		MP7		
3166	Engines, internal combustion, including when fitted in machinery or vehicles	9	M11	NOT SUBJECT TO ADR								
3167	GAS SAMPLE, NON-PRESSURIZED, FLAMMABLE, N.O.S., not refrigerated liquid	2	7F		2.1	274	LQ0	P201		MP9		

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L10DH	TU14 TE1 TM2	AT	0	V1		CV23		X323	3148	WATER-REACTIVE LIQUID, N.O.S.
L4DH	TU14 TE1 TM2	AT	0	V1		CV23		323	3148	WATER-REACTIVE LIQUID, N.O.S.
L4DH	TU14 TE1 TM2	AT	0	V1		CV23		323	3148	WATER-REACTIVE LIQUID, N.O.S.
L4BV(+)	TU3 TC2 TE8 TE11 TT1	AT	2			CV24		58	3149	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE with acid(s), water and not more than 5% peroxyacetic acid, STABILIZED
			2			CV9	S2		3150	DEVICES, SMALL, HYDROCARBON GAS POWERED or HYDROCARBON GAS REFILLS FOR SMALL DEVICES with release device
L4BH	TU15 TE1	AT	0	V1		CV1 CV13	S19	90	3151	POLYHALOGENATED BIPHENYLS, LIQUID or POLYHALOGENATED TERPHENYLS, LIQUID
S4AH L4BH	TU15 TE1	AT	0	V1		CV1 CV13	S19	90	3152	POLYHALOGENATED BIPHENYLS, SOLID or POLYHALOGENATED TERPHENYLS, SOLID
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	3153	PERFLUORO(METHYL VINYL ETHER)
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	3154	PERFLUORO(ETHYL VINYL ETHER)
SGAH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3155	PENTACHLOROPHENOL
CxBN(M)		AT	3	V7		CV9 CV10		25	3156	COMPRESSED GAS, OXIDIZING, N.O.S.
PxBN(M)		AT	3	V7		CV9 CV10		25	3157	LIQUEFIED GAS, OXIDIZING, N.O.S.
RxBN(M)	TU19	AT	3	V5 V7		CV9 CV11	S20	22	3158	GAS, REFRIGERATED LIQUID, N.O.S.
PxBN(M)		AT	3	V7		CV9 CV10		20	3159	1,1,1,2-TETRAFLUOROETHANE (REFRIGERANT GAS R 134a)
PxBH(M)	TU6 TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	3160	LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	3161	LIQUEFIED GAS, FLAMMABLE, N.O.S.
PxBH(M)	TU6 TE1	AT	1	V7		CV9 CV10	S7 S17	26	3162	LIQUEFIED GAS, TOXIC, N.O.S.
PxBN(M)		AT	3	V7		CV9 CV10		20	3163	LIQUEFIED GAS, N.O.S.
			3			CV9			3164	ARTICLES, PRESSURIZED, PNEUMATIC or HYDRAULIC (containing non-flammable gas)
			0			CV13 CV28	S2 S19		3165	AIRCRAFT HYDRAULIC POWER UNIT FUEL TANK (containing a mixture of anhydrous hydrazine and methylhydrazine) (M86 fuel)
NOT SUBJECT TO ADR									3166	Engines, internal combustion, including when fitted in machinery or vehicles
			2			CV9	S2		3167	GAS SAMPLE, NON-PRESSURIZED, FLAMMABLE, N.O.S., not refrigerated liquid

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3168	GAS SAMPLE, NON-PRESSURIZED, TOXIC, FLAMMABLE, N.O.S., not refrigerated liquid	2	7TF		2.3 +2.1	274	LQ0	P201		MP9		
3169	GAS SAMPLE, NON-PRESSURIZED, TOXIC, N.O.S., not refrigerated liquid	2	7T		2.3	274	LQ0	P201		MP9		
3170	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS	4.3	W2	II	4.3	244	LQ11	P410 IBC07	B2	MP14		
3170	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS	4.3	W2	III	4.3	244	LQ12	P002 IBC08 R001	B4	MP14		
3171	Battery-powered vehicle or Battery-powered equipment	9	M11	NOT SUBJECT TO ADR								
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	6.1	T1	I	6.1	210 274	LQ0	P001		MP8 MP17		
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	6.1	T1	II	6.1	210 274	LQ17	P001 IBC02		MP15		
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	6.1	T1	III	6.1	210 274	LQ19	P001 IBC03 LP01 R001		MP15		
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	T2	I	6.1	210 274	LQ0	P002 IBC07	B1	MP18		
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	T2	II	6.1	210 274	LQ18	P002 IBC08	B2 B4	MP10		
3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	6.1	T2	III	6.1	210 274	LQ9	P002 IBC08 R001	B3	MP10		
3174	TITANIUM DISULPHIDE	4.2	S4	III	4.2		LQ0	P002 IBC08 LP02 R001	B3	MP14		
3175	SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 61°C	4.1	F1	II	4.1	216 274	LQ8	P002 IBC06 R001	PP9 B2	MP11		
3176	FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	4.1	F2	II	4.1	274	LQ0				T3	TP3 TP9 TP26
3176	FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	4.1	F2	III	4.1	274	LQ0				T3	TP3 TP9 TP26
3178	FLAMMABLE SOLID, INORGANIC, N.O.S.	4.1	F3	II	4.1	274	LQ8	P002 IBC08	B2 B4	MP11		
3178	FLAMMABLE SOLID, INORGANIC, N.O.S.	4.1	F3	III	4.1	274	LQ9	P002 IBC08 LP02 R001	B3	MP11		
3179	FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.	4.1	FT2	II	4.1 +6.1	274	LQ0	P002 IBC06	B2	MP10		
3179	FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.	4.1	FT2	III	4.1 +6.1	274	LQ0	P002 IBC06 R001		MP10		
3180	FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.	4.1	FC2	II	4.1+8	274	LQ0	P002 IBC06	B2	MP10		
3180	FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.	4.1	FC2	III	4.1+8	274	LQ0	P002 IBC06 R001		MP10		
3181	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.	4.1	F3	II	4.1	274	LQ8	P002 IBC08	B2 B4	MP11		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1			CV9	S2 S7		3168	GAS SAMPLE, NON-PRESSURIZED, TOXIC, FLAMMABLE, N.O.S., not refrigerated liquid
			1			CV9	S7		3169	GAS SAMPLE, NON-PRESSURIZED, TOXIC, N.O.S., not refrigerated liquid
SGAN		AT	2	V1	VV3	CV23		423	3170	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS
SGAN		AT	3	V1	VV5 VV7	CV23		423	3170	ALUMINIUM SMELTING BY-PRODUCTS or ALUMINIUM REMELTING BY-PRODUCTS
NOT SUBJECT TO ADR									3171	Battery-powered vehicle or Battery-powered equipment
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3172	TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3172	TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.
SGAN		AT	3	V1				40	3174	TITANIUM DISULPHIDE
		AT	2		VV3			40	3175	SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 61°C
LGBV	TU27 TE4 TE6	AT	0					44	3176	FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.
LGBV	TU27 TE4 TE6	AT	0					44	3176	FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.
SGAN		AT	2					40	3178	FLAMMABLE SOLID, INORGANIC, N.O.S.
SGAV		AT	3		VV1			40	3178	FLAMMABLE SOLID, INORGANIC, N.O.S.
SGAN		AT	2			CV28		46	3179	FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.
SGAN		AT	3			CV28		46	3179	FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.
SGAN		AT	2					48	3180	FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.
SGAN		AT	3					48	3180	FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.
SGAN		AT	2					40	3181	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3181	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.	4.1	F3	III	4.1	274	LQ9	P002 IBC08 LP02 R001	B3	MP11		
3182	METAL HYDRIDES, FLAMMABLE, N.O.S.	4.1	F3	II	4.1	274 554	LQ8	P410 IBC04	PP40	MP11		
3182	METAL HYDRIDES, FLAMMABLE, N.O.S.	4.1	F3	III	4.1	274 554	LQ9	P002 IBC04 R001		MP11		
3183	SELF-HEATING LIQUID, ORGANIC, N.O.S.	4.2	S1	II	4.2	274	LQ0	P001 IBC02		MP15		
3183	SELF-HEATING LIQUID, ORGANIC, N.O.S.	4.2	S1	III	4.2	274	LQ0	P001 IBC02 R001		MP15		
3184	SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.	4.2	ST1	II	4.2 +6.1	274	LQ0	P402 IBC02		MP15		
3184	SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.	4.2	ST1	III	4.2 +6.1	274	LQ0	P001 IBC02 R001		MP15		
3185	SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.	4.2	SC1	II	4.2 +8	274	LQ0	P402 IBC02		MP15		
3185	SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.	4.2	SC1	III	4.2 +8	274	LQ0	P001 IBC02 R001		MP15		
3186	SELF-HEATING LIQUID, INORGANIC, N.O.S.	4.2	S3	II	4.2	274	LQ0	P001 IBC02		MP15		
3186	SELF-HEATING LIQUID, INORGANIC, N.O.S.	4.2	S3	III	4.2	274	LQ0	P001 IBC02 R001		MP15		
3187	SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.	4.2	ST3	II	4.2 +6.1	274	LQ0	P402 IBC02		MP15		
3187	SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.	4.2	ST3	III	4.2 +6.1	274	LQ0	P001 IBC02 R001		MP15		
3188	SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.	4.2	SC3	II	4.2 +8	274	LQ0	P402 IBC02		MP15		
3188	SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.	4.2	SC3	III	4.2 +8	274	LQ0	P001 IBC02 R001		MP15		
3189	METAL POWDER, SELF-HEATING, N.O.S.	4.2	S4	II	4.2	274 555	LQ0	P410 IBC06	B2	MP14		
3189	METAL POWDER, SELF-HEATING, N.O.S.	4.2	S4	III	4.2	274 555	LQ0	P002 IBC08 LP02 R001	B3	MP14		
3190	SELF-HEATING SOLID, INORGANIC, N.O.S.	4.2	S4	II	4.2	274	LQ0	P410 IBC06	B2	MP14		
3190	SELF-HEATING SOLID, INORGANIC, N.O.S.	4.2	S4	III	4.2	274	LQ0	P002 IBC08 LP02 R001	B3	MP14		
3191	SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.	4.2	ST4	II	4.2 +6.1	274	LQ0	P410 IBC05	B2	MP14		
3191	SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.	4.2	ST4	III	4.2 +6.1	274	LQ0	P002 IBC08 R001	B3	MP14		
3192	SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.	4.2	SC4	II	4.2+8	274	LQ0	P410 IBC05	B2	MP14		
3192	SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.	4.2	SC4	III	4.2+8	274	LQ0	P002 IBC08 R001	B3	MP14		
3194	PYROPHORIC LIQUID, INORGANIC, N.O.S.	4.2	S3	I	4.2	274	LQ0	P400 PR1		MP2		
3200	PYROPHORIC SOLID, INORGANIC, N.O.S.	4.2	S4	I	4.2	274	LQ0	P404		MP13		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
SGAV		AT	3		VV1			40	3181	METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.
SGAN		AT	2					40	3182	METAL HYDRIDES, FLAMMABLE, N.O.S.
SGAV		AT	3		VV1			40	3182	METAL HYDRIDES, FLAMMABLE, N.O.S.
L4DH	TU14 TE1	AT	2	V1				30	3183	SELF-HEATING LIQUID, ORGANIC, N.O.S.
L4DH	TU14 TE1	AT	3	V1				30	3183	SELF-HEATING LIQUID, ORGANIC, N.O.S.
L4DH	TU14 TE1	AT	2	V1		CV28		36	3184	SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.
L4DH	TU14 TE1	AT	3	V1		CV28		36	3184	SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.
L4DH	TU14 TE1	AT	2	V1				38	3185	SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.
L4DH	TU14 TE1	AT	3	V1				38	3185	SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.
L4DH	TU14 TE1	AT	2	V1				30	3186	SELF-HEATING LIQUID, INORGANIC, N.O.S.
L4DH	TU14 TE1	AT	3	V1				30	3186	SELF-HEATING LIQUID, INORGANIC, N.O.S.
L4DH	TU14 TE1	AT	2	V1		CV28		36	3187	SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.
L4DH	TU14 TE1	AT	3	V1		CV28		36	3187	SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.
L4DH	TU14 TE1	AT	2	V1				38	3188	SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.
L4DH	TU14 TE1	AT	3	V1				38	3188	SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.
SGAN		AT	2	V1				40	3189	METAL POWDER, SELF-HEATING, N.O.S.
SGAN		AT	3	V1				40	3189	METAL POWDER, SELF-HEATING, N.O.S.
SGAN		AT	2	V1				40	3190	SELF-HEATING SOLID, INORGANIC, N.O.S.
SGAN		AT	3	V1				40	3190	SELF-HEATING SOLID, INORGANIC, N.O.S.
SGAN		AT	2	V1		CV28		46	3191	SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.
SGAN		AT	3	V1		CV28		46	3191	SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.
SGAN		AT	2	V1				48	3192	SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.
SGAN		AT	3	V1				48	3192	SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.
L21DH	TU14 TC1 TE1 TM1	AT	0	V1			S20	333	3194	PYROPHORIC LIQUID, INORGANIC, N.O.S.
			0	V1			S20		3200	PYROPHORIC SOLID, INORGANIC, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3203	PYROPHORIC ORGANOMETALLIC COMPOUND, WATER-REACTIVE, N.O.S., liquid	4.2	SW	I	4.2 +4.3	274 527	LQ0	P400 PR1		MP2	T21	TP2 TP7 TP9
3203	PYROPHORIC ORGANOMETALLIC COMPOUND, WATER-REACTIVE, N.O.S., solid	4.2	SW	I	4.2 +4.3	274 527	LQ0	P404 PR1		MP2		
3205	ALKALINE EARTH METAL ALCOHOLATES, N.O.S.	4.2	S4	II	4.2	183 274	LQ0	P410 IBC06	B2	MP14		
3205	ALKALINE EARTH METAL ALCOHOLATES, N.O.S.	4.2	S4	III	4.2	183 274	LQ0	P002 IBC08 LP02 R001	B3	MP14		
3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.	4.2	SC4	II	4.2+8	182 274	LQ0	P410 IBC05	B2	MP14		
3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.	4.2	SC4	III	4.2+8	183 274	LQ0	P002 IBC08 R001	B3	MP14		
3207	ORGANOMETALLIC COMPOUND or ORGANOMETALLIC COMPOUND SOLUTION or ORGANOMETALLIC COMPOUND DISPERSION, WATER-REACTIVE, FLAMMABLE, N.O.S.	4.3	WF1	I	4.3+3	222 274 556	LQ0	P402 IBC99 PR1		MP2	T13	TP2 TP7 TP9
3207	ORGANOMETALLIC COMPOUND or ORGANOMETALLIC COMPOUND SOLUTION or ORGANOMETALLIC COMPOUND DISPERSION, WATER-REACTIVE, FLAMMABLE, N.O.S.	4.3	WF1	II	4.3+3	222 274 556	LQ10	P001 IBC01 PR1	B2	MP15	T7	TP2 TP7
3207	ORGANOMETALLIC COMPOUND or ORGANOMETALLIC COMPOUND SOLUTION or ORGANOMETALLIC COMPOUND DISPERSION, WATER-REACTIVE, FLAMMABLE, N.O.S.	4.3	WF1	III	4.3+3	222 274 556	LQ13	P001 IBC02 PR1 R001	B4	MP15	T7	TP2 TP7
3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	4.3	W2	I	4.3	222 274 557	LQ0	P403 IBC99		MP2		
3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	4.3	W2	II	4.3	222 274 557	LQ11	P410 IBC07	B2	MP14		
3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	4.3	W2	III	4.3	222 274 557	LQ12	P410 IBC08 R001	B4	MP14		
3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	4.3	WS	I	4.3+4.2	222 274 558	LQ0	P403		MP2		
3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	4.3	WS	II	4.3+4.2	222 274 558	LQ11	P410 IBC05	B2	MP14		
3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	4.3	WS	III	4.3+4.2	222 274 558	LQ12	P410 IBC08 R001	B4	MP14		
3210	CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	O1	II	5.1	274 605	LQ10	P504 IBC02		MP2	T4	TP1
3210	CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	O1	III	5.1	274 605	LQ13	P504 IBC02 R001		MP2	T4	TP1

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	3203	PYROPHORIC ORGANOMETALLIC COMPOUND, WATER-REACTIVE, N.O.S., liquid
L21DH	TU4 TU14 TU22 TC1 TE1 TM1	AT	0	V1			S20	X333	3203	PYROPHORIC ORGANOMETALLIC COMPOUND, WATER-REACTIVE, N.O.S., solid
SGAN		AT	2	V1				40	3205	ALKALINE EARTH METAL ALCOHOLATES, N.O.S.
SGAN		AT	3	V1				40	3205	ALKALINE EARTH METAL ALCOHOLATES, N.O.S.
SGAN		AT	2	V1				48	3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.
SGAN		AT	3	V1				48	3206	ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.
L10DH	TU4 TU14 TU22 TE1 TM2	FL	0	V1		CV23	S2	X323	3207	ORGANOMETALLIC COMPOUND or ORGANOMETALLIC COMPOUND SOLUTION or ORGANOMETALLIC COMPOUND DISPERSION, WATER-REACTIVE, FLAMMABLE, N.O.S.
L4DH	TU4 TU14 TU22 TE1 TM2	FL	0	V1		CV23	S2	323	3207	ORGANOMETALLIC COMPOUND or ORGANOMETALLIC COMPOUND SOLUTION or ORGANOMETALLIC COMPOUND DISPERSION, WATER-REACTIVE, FLAMMABLE, N.O.S.
L4DH	TU14 TE1 TM2	FL	0	V1		CV23	S2	323	3207	ORGANOMETALLIC COMPOUND or ORGANOMETALLIC COMPOUND SOLUTION or ORGANOMETALLIC COMPOUND DISPERSION, WATER-REACTIVE, FLAMMABLE, N.O.S.
			1	V1		CV23			3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.
SGAN		AT	2	V1		CV23		423	3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.
SGAN		AT	3	V1	VV5	CV23		423	3208	METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.
			1	V1		CV23			3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.
SGAN		AT	2	V1		CV23		423	3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.
SGAN		AT	3	V1	VV5	CV23		423	3209	METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.
L4BN	TU3	AT	2			CV24		50	3210	CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
LGBV	TU3	AT	3			CV24		50	3210	CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3211	PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	O1	II	5.1	274	LQ10	P504 IBC02		MP2	T4	TP1
3211	PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	O1	III	5.1	274	LQ13	P504 IBC02 R001		MP2	T4	TP1
3212	HYPOCHLORITES, INORGANIC, N.O.S.	5.1	O2	II	5.1	274 559	LQ11	P002 IBC08	B2 B4	MP10		
3213	BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	O1	II	5.1	274 604	LQ10	P504 IBC02		MP2	T4	TP1
3213	BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	O1	III	5.1	274 604	LQ13	P504 IBC02 R001		MP15	T4	TP1
3214	PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	O1	II	5.1	274 608	LQ10	P504 IBC02		MP2	T4	TP1
3215	PERSULPHATES, INORGANIC, N.O.S.	5.1	O2	III	5.1	274	LQ12	P002 IBC08 LP02 R001	B3	MP10		
3216	PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	O1	III	5.1	274	LQ13	P504 IBC02 R001		MP15	T4	TP1 TP29
3218	NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	O1	II	5.1	270 274 511	LQ10	P504 IBC02		MP15	T4	TP1
3218	NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	O1	III	5.1	270 274 511	LQ13	P504 IBC02 R001		MP15	T4	TP1
3219	NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	O1	II	5.1	103 274	LQ10	P504 IBC01		MP15	T4	TP1
3219	NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	5.1	O1	III	5.1	103 274	LQ13	P504 IBC02 R001		MP15	T4	TP1
3220	PENTAFLUOROETHANE (REFRIGERANT GAS R 125)	2	2A		2.2		LQ1	P200		MP9	T50	
3221	SELF-REACTIVE LIQUID TYPE B	4.1	SR1		4.1+1	181 194 274	LQ0	P520	PP21	MP2		
3222	SELF-REACTIVE SOLID TYPE B	4.1	SR1		4.1+1	181 194 274	LQ0	P520	PP21	MP2		
3223	SELF-REACTIVE LIQUID TYPE C	4.1	SR1		4.1	194 274	LQ0	P520	PP21	MP2		
3224	SELF-REACTIVE SOLID TYPE C	4.1	SR1		4.1	194 274	LQ0	P520	PP21	MP2		
3225	SELF-REACTIVE LIQUID TYPE D	4.1	SR1		4.1	194 274	LQ0	P520		MP2		
3226	SELF-REACTIVE SOLID TYPE D	4.1	SR1		4.1	194 274	LQ0	P520		MP2		
3227	SELF-REACTIVE LIQUID TYPE E	4.1	SR1		4.1	194 274	LQ0	P520		MP2		
3228	SELF-REACTIVE SOLID TYPE E	4.1	SR1		4.1	194 274	LQ0	P520		MP2		
3229	SELF-REACTIVE LIQUID TYPE F	4.1	SR1		4.1	194 274	LQ0	P520 IBC99		MP2	T23	
3230	SELF-REACTIVE SOLID TYPE F	4.1	SR1		4.1	194 274	LQ0	P520 IBC99		MP2	T23	
3231	SELF-REACTIVE LIQUID TYPE B, TEMPERATURE CONTROLLED	4.1	SR2		4.1+1	181 194 274	LQ0	P520	PP21	MP2		
3232	SELF-REACTIVE SOLID TYPE B, TEMPERATURE CONTROLLED	4.1	SR2		4.1+1	181 194 274	LQ0	P520	PP21	MP2		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN	TU3	AT	2	V6		CV24		50	3211	PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
LGBV	TU3	AT	3	V6		CV24		50	3211	PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
SGAN	TU3	AT	2			CV24		50	3212	HYPOCHLORITES, INORGANIC, N.O.S.
L4BN	TU3	AT	2	V6		CV24		50	3213	BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
LGBV	TU3	AT	3			CV24		50	3213	BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
L4BN	TU3	AT	2			CV24		50	3214	PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
SGAV	TU3	AT	3		VV8	CV24		50	3215	PERSULPHATES, INORGANIC, N.O.S.
LGBV	TU3	AT	3			CV24		50	3216	PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
L4BN	TU3	AT	2			CV24		50	3218	NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
LGBV	TU3	AT	3			CV24		50	3218	NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
L4BN	TU3	AT	2			CV24		50	3219	NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
LGBV	TU3	AT	3			CV24		50	3219	NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S.
PxBN(M)		AT	3	V7		CV9 CV10		20	3220	PENTAFLUOROETHANE (REFRIGERANT GAS R 125)
			1	V1		CV15 CV20 CV22	S9 S17		3221	SELF-REACTIVE LIQUID TYPE B
			1	V1		CV15 CV20 CV22	S9 S17		3222	SELF-REACTIVE SOLID TYPE B
			1	V1		CV15 CV20 CV22	S8 S18		3223	SELF-REACTIVE LIQUID TYPE C
			1	V1		CV15 CV20 CV22	S8		3224	SELF-REACTIVE SOLID TYPE C
			2	V1		CV15 CV22	S19		3225	SELF-REACTIVE LIQUID TYPE D
			2	V1		CV15 CV22	S19		3226	SELF-REACTIVE SOLID TYPE D
			2	V1		CV15 CV22			3227	SELF-REACTIVE LIQUID TYPE E
			2	V1		CV15 CV22			3228	SELF-REACTIVE SOLID TYPE E
			2	V1		CV15 CV22			3229	SELF-REACTIVE LIQUID TYPE F
			2	V1		CV15 CV22			3230	SELF-REACTIVE SOLID TYPE F
			1	V8		CV15 CV20 CV21 CV22	S4 S9 S16		3231	SELF-REACTIVE LIQUID TYPE B, TEMPERATURE CONTROLLED
			1	V8		CV15 CV20 CV21 CV22	S4 S9 S16		3232	SELF-REACTIVE SOLID TYPE B, TEMPERATURE CONTROLLED

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3233	SELF-REACTIVE LIQUID TYPE C, TEMPERATURE CONTROLLED	4.1	SR2		4.1	194 274	LQ0	P520	PP21	MP2		
3234	SELF-REACTIVE SOLID TYPE C, TEMPERATURE CONTROLLED	4.1	SR2		4.1	194 274	LQ0	P520	PP21	MP2		
3235	SELF-REACTIVE LIQUID TYPE D, TEMPERATURE CONTROLLED	4.1	SR2		4.1	194 274	LQ0	P520		MP2		
3236	SELF-REACTIVE SOLID TYPE D, TEMPERATURE CONTROLLED	4.1	SR2		4.1	194 274	LQ0	P520		MP2		
3237	SELF-REACTIVE LIQUID TYPE E, TEMPERATURE CONTROLLED	4.1	SR2		4.1	194 274	LQ0	P520		MP2		
3238	SELF-REACTIVE SOLID TYPE E, TEMPERATURE CONTROLLED	4.1	SR2		4.1	194 274	LQ0	P520		MP2		
3239	SELF-REACTIVE LIQUID TYPE F, TEMPERATURE CONTROLLED	4.1	SR2		4.1	194 274	LQ0	P520		MP2	T23	
3240	SELF-REACTIVE SOLID TYPE F, TEMPERATURE CONTROLLED	4.1	SR2		4.1	194 274	LQ0	P520		MP2	T23	
3241	2-BROMO-2-NITROPROPANE-1,3-DIOL	4.1	SR1	III	4.1	638	LQ0	P520 IBC08	PP22 B3	MP2		
3242	AZODICARBONAMIDE	4.1	SR1	II	4.1	215 638	LQ0	P409		MP2		
3243	SOLIDS CONTAINING TOXIC LIQUID, N.O.S.	6.1	T9	II	6.1	217 274	LQ18	P002 IBC02	PP9	MP15		
3244	SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S.	8	C10	II	8	218 274	LQ23	P002 IBC05	PP9	MP10		
3245	GENETICALLY MODIFIED MICRO-ORGANISMS	9	M8		9	219 634 637	LQ0	P904 IBC08		MP6		
3246	METHANESULPHONYL CHLORIDE	6.1	TC1	I	6.1+8		LQ0	P001		MP8 MP17	T14	TP2 TP12 TP13
3247	SODIUM PEROXOBORATE, ANHYDROUS	5.1	O2	II	5.1		LQ11	P002 IBC08	B4	MP2		
3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3	FT1	II	3 +6.1	220 221 274 601	LQ0	P001	PP6	MP19		
3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3	FT1	III	3 +6.1	220 221 274 601	LQ7	P001 R001	PP6	MP19		
3249	MEDICINE, SOLID, TOXIC, N.O.S.	6.1	T2	II	6.1	221 274 601	LQ18	P002	PP6	MP10		
3249	MEDICINE, SOLID, TOXIC, N.O.S.	6.1	T2	III	6.1	221 274 601	LQ9	P002 LP02 R001	PP6	MP10		
3250	CHLOROACETIC ACID, MOLTEN	6.1	TC1	II	6.1 +8		LQ0				T7	TP3
3251	ISOSORBIDE-5-MONONITRATE	4.1	SR1	III	4.1	226 638	LQ0	P409		MP2		
3252	DIFLUOROMETHANE (REFRIGERANT GAS R 32)	2	2F		2.1		LQ0	P200		MP9	T50	
3253	DISODIUM TRIOXOSILICATE	8	C6	III	8		LQ24	P002 IBC08 LP02 R001	B3	MP10		
3254	TRIBUTYLPHOSPHANE	4.2	S1	I	4.2		LQ0	P400 PR1		MP2		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			1	V8		CV15 CV20 CV21 CV22	S4 S8 S17		3233	SELF-REACTIVE LIQUID TYPE C, TEMPERATURE CONTROLLED
			1	V8		CV15 CV20 CV21 CV22	S4 S8 S17		3234	SELF-REACTIVE SOLID TYPE C, TEMPERATURE CONTROLLED
			1	V8		CV15 CV21 CV22	S4 S18		3235	SELF-REACTIVE LIQUID TYPE D, TEMPERATURE CONTROLLED
			1	V8		CV15 CV21 CV22	S4 S18		3236	SELF-REACTIVE SOLID TYPE D, TEMPERATURE CONTROLLED
			1	V8		CV15 CV21 CV22	S4 S19		3237	SELF-REACTIVE LIQUID TYPE E, TEMPERATURE CONTROLLED
			1	V8		CV15 CV21 CV22	S4 S19		3238	SELF-REACTIVE SOLID TYPE E, TEMPERATURE CONTROLLED
			1	V8		CV15 CV21 CV22	S4		3239	SELF-REACTIVE LIQUID TYPE F, TEMPERATURE CONTROLLED
			1	V8		CV15 CV21 CV22	S4		3240	SELF-REACTIVE SOLID TYPE F, TEMPERATURE CONTROLLED
			3			CV14	S14		3241	2-BROMO-2-NITROPROPANE-1,3-DIOL
			2			CV14	S14		3242	AZODICARBONAMIDE
SGAH	TU15 TE1 TE19	AT	2		VV10	CV13 CV28	S9 S19	60	3243	SOLIDS CONTAINING TOXIC LIQUID, N.O.S.
SGAV		AT	2		VV9			80	3244	SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S.
			2	V1		CV1 CV13 CV26 CV27	S17		3245	GENETICALLY MODIFIED MICRO-ORGANISMS
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	668	3246	METHANESULPHONYL CHLORIDE
SGAN	TU3	AT	2			CV24		50	3247	SODIUM PEROXOBORATE, ANHYDROUS
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.
L4BH	TU15 TE1	FL	3			CV13 CV28	S2	36	3248	MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3249	MEDICINE, SOLID, TOXIC, N.O.S.
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3249	MEDICINE, SOLID, TOXIC, N.O.S.
L4BH	TU15 TC4 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	3250	CHLOROACETIC ACID, MOLTEN
			3			CV14	S14		3251	ISOSORBIDE-5-MONONITRATE
PxBN(M)		FL	2	V7		CV9 CV10	S2 S20	23	3252	DIFLUOROMETHANE (REFRIGERANT GAS R 32)
SGAV		AT	3		VV9b			80	3253	DISODIUM TRIOXOSILICATE
			0	V1					3254	TRIBUTYLPHOSPHANE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3255	tert-BUTYL HYPOCHLORITE	4.2	SC1	CARRIAGE PROHIBITED								
3256	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flash-point above 61 °C, at or above its flash-point	3	F2	III	3	274 560	LQ0	P099 IBC99		MP2	T3	TP3 TP29
3257	ELEVATED TEMPERATURE LIQUID, N.O.S., at or above 100 °C and below its flash-point (including molten metals, molten salts, etc.)	9	M9	III	9	274 580 643	LQ0	P099 IBC99			T3	TP3 TP29
3258	ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240 °C	9	M10	III	9	274 580 643	LQ0	P099 IBC99				
3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	C8	I	8	274	LQ21	P002 IBC07	B1	MP18		
3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	C8	II	8	274	LQ23	P002 IBC08	B2 B4	MP10		
3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.	8	C8	III	8	274	LQ24	P002 IBC08 LP02 R001	B3	MP10		
3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	C2	I	8	274	LQ21	P002 IBC07	B1	MP18		
3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	C2	II	8	274	LQ23	P002 IBC08	B2 B4	MP10		
3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	8	C2	III	8	274	LQ24	P002 IBC08 LP02 R001	B3	MP10		
3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	8	C4	I	8	274	LQ21	P002 IBC07	B1	MP18		
3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	8	C4	II	8	274	LQ23	P002 IBC08	B2 B4	MP10		
3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	8	C4	III	8	274	LQ24	P002 IBC08 LP02 R001	B3	MP10		
3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	8	C6	I	8	274	LQ21	P002 IBC07	B1	MP18		
3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	8	C6	II	8	274	LQ23	P002 IBC08	B2 B4	MP10		
3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	8	C6	III	8	274	LQ24	P002 IBC08 LP02 R001	B3	MP10		
3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	8	C8	I	8	274	LQ21	P002 IBC07	B1	MP18		
3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	8	C8	II	8	274	LQ23	P002 IBC08	B2 B4	MP10		
3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	8	C8	III	8	274	LQ24	P002 IBC08 LP02 R001	B3	MP10		
3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	C1	I	8	274	LQ20	P001		MP8 MP17	T14	TP2 TP9 TP27
3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	C1	II	8	274	LQ22	P001 IBC02		MP15	T11	TP2 TP27
3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	8	C1	III	8	274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	C3	I	8	274	LQ20	P001		MP8 MP17	T14	TP2 TP9 TP27
3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	C3	II	8	274	LQ22	P001 IBC02		MP15	T11	TP2 TP27

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identifi-cation No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
CARRIAGE PROHIBITED									3255	tert-BUTYL HYPOCHLORITE
LGAV	TU35 TE2	FL	3				S2	30	3256	ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flash-point above 61 °C, at or above its flash-point
LGAV	TU35 TC7 TE2 TE14 TE18	AT	3		VV12			99	3257	ELEVATED TEMPERATURE LIQUID, N.O.S., at or above 100 °C and below its flash-point (including molten metals, molten salts, etc.)
			3	V1	VV13			99	3258	ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240 °C
S10AN L10BH	TE1	AT	1				S20	88	3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.
SGAN L4BN		AT	2					80	3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.
SGAV L4BN		AT	3		VV9b			80	3259	AMINES, SOLID, CORROSIVE, N.O.S. or POLYAMINES, SOLID, CORROSIVE, N.O.S.
S10AN		AT	1				S20	88	3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
SGAN		AT	2					80	3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
SGAV		AT	3		VV9b			80	3260	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
S10AN L10BH	TE1	AT	1				S20	88	3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
SGAN L4BN		AT	2					80	3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
SGAV L4BN		AT	3		VV9b			80	3261	CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.
S10AN L10BH	TE1	AT	1				S20	88	3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
L4BN SGAN		AT	2					80	3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
L4BN SGAV		AT	3		VV9b			80	3262	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
S10AN L10BH	TE1	AT	1				S20	88	3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.
SGAN L4BN		AT	2					80	3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.
SGAV L4BN		AT	3		VV9b			80	3263	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.
L10BH	TE1	AT	1				S20	88	3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
L4BN		AT	2					80	3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
L4BN		AT	3					80	3264	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
L10BH	TE1	AT	1				S20	88	3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
L4BN		AT	2					80	3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	8	C3	III	8	274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	C5	I	8	274	LQ20	P001		MP8 MP17	T14	TP2 TP9 TP27
3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	C5	II	8	274	LQ22	P001 IBC02		MP15	T11	TP2 TP27
3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	8	C5	III	8	274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	C7	I	8	274	LQ20	P001		MP8 MP17	T14	TP2 TP9 TP27
3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	C7	II	8	274	LQ22	P001 IBC02		MP15	T11	TP2 TP27
3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	8	C7	III	8	274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
3268	AIR BAG INFLATORS, pyrotechnic or AIR BAG MODULES, pyrotechnic or SEAT-BELT PRETENSIONERS, pyrotechnic	9	M5	III	9	235 289	LQ0	P902				
3269	POLYESTER RESIN KIT	3	F1	II	3	236	LQ6	P302 R001				
3269	POLYESTER RESIN KIT	3	F1	III	3	236	LQ7	P302 R001				
3270	NITROCELLULOSE MEMBRANE FILTERS, with not more than 12.6% nitrogen, by dry mass	4.1	F1	II	4.1	237 286	LQ8	P411		MP11		
3271	ETHERS, N.O.S.	3	F1	II	3	274	LQ4	P001 IBC02 R001		MP19	T7	TP1 TP8 TP28
3271	ETHERS, N.O.S.	3	F1	III	3	274	LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1 TP29
3272	ESTERS, N.O.S.	3	F1	II	3	274	LQ4	P001 IBC02 R001		MP19	T7	TP1 TP8 TP28
3272	ESTERS, N.O.S.	3	F1	III	3	274	LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1 TP29
3273	NITRILES, FLAMMABLE, TOXIC, N.O.S.	3	FT1	I	3+6.1	274	LQ0	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
3273	NITRILES, FLAMMABLE, TOXIC, N.O.S.	3	FT1	II	3+6.1	274	LQ0	P001 IBC02		MP19	T11	TP2 TP13 TP27
3274	ALCOHOLATES SOLUTION, N.O.S., in alcohol	3	FC	II	3+8	274	LQ4	P001 IBC02		MP19		
3275	NITRILES, TOXIC, FLAMMABLE, N.O.S.	6.1	TF1	I	6.1+3	274	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3275	NITRILES, TOXIC, FLAMMABLE, N.O.S.	6.1	TF1	II	6.1+3	274	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3276	NITRILES, TOXIC, N.O.S.	6.1	T1	I	6.1	274	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3276	NITRILES, TOXIC, N.O.S.	6.1	T1	II	6.1	274	LQ17	P001 IBC02		MP15	T11	TP2 TP27
3276	NITRILES, TOXIC, N.O.S.	6.1	T1	III	6.1	274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BN		AT	3					80	3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.
L10BH	TE1	AT	1				S20	88	3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
L4BN		AT	2					80	3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
L4BN		AT	3					80	3266	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
L10BH	TE1	AT	1				S20	88	3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
L4BN		AT	2					80	3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
L4BN		AT	3					80	3267	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.
			4	V1					3268	AIR BAG INFLATORS, pyrotechnic or AIR BAG MODULES, pyrotechnic or SEAT-BELT PRETENSIONERS, pyrotechnic
			2				S2 S20		3269	POLYESTER RESIN KIT
			3				S2		3269	POLYESTER RESIN KIT
			2						3270	NITROCELLULOSE MEMBRANE FILTERS, with not more than 12.6% nitrogen, by dry mass
LGBF		FL	2				S2 S20	33	3271	ETHERS, N.O.S.
LGBF		FL	3				S2	30	3271	ETHERS, N.O.S.
LGBF		FL	2				S2 S20	33	3272	ESTERS, N.O.S.
LGBF		FL	3				S2	30	3272	ESTERS, N.O.S.
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	3273	NITRILES, FLAMMABLE, TOXIC, N.O.S.
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	3273	NITRILES, FLAMMABLE, TOXIC, N.O.S.
L4BH	TE1	FL	2				S2 S20	338	3274	ALCOHOLATES SOLUTION, N.O.S., in alcohol
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	3275	NITRILES, TOXIC, FLAMMABLE, N.O.S.
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3275	NITRILES, TOXIC, FLAMMABLE, N.O.S.
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3276	NITRILES, TOXIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3276	NITRILES, TOXIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3276	NITRILES, TOXIC, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3277	CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S.	6.1	TC1	II	6.1+8	274 561	LQ17	P001 IBC02		MP15	T8	TP2 TP13 TP28
3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., liquid	6.1	T1	I	6.1	43 274	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., liquid	6.1	T1	II	6.1	43 274	LQ17	P001 IBC02		MP15	T11	TP2 TP27
3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., liquid	6.1	T1	III	6.1	43 274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., solid	6.1	T2	I	6.1	43 274	LQ0	P002 IBC07	B1	MP18	T14	TP2 TP9 TP27
3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., solid	6.1	T2	II	6.1	43 274	LQ18	P002 IBC08	B2 B4	MP10	T11	TP2 TP27
3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., solid	6.1	T2	III	6.1	43 274	LQ9	P002 IBC08 LP02 R001	B3	MP10	T7	TP1 TP28
3279	ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.	6.1	TF1	I	6.1+3	43 274	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13
3279	ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.	6.1	TF1	II	6.1+3	43 274	LQ17	P001		MP15	T11	TP2 TP13 TP27
3280	ORGANOARSENIC COMPOUND, N.O.S., liquid	6.1	T3	I	6.1	274	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3280	ORGANOARSENIC COMPOUND, N.O.S., liquid	6.1	T3	II	6.1	274	LQ17	P001 IBC02		MP15	T11	TP2 TP27
3280	ORGANOARSENIC COMPOUND, N.O.S., liquid	6.1	T3	III	6.1	274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
3280	ORGANOARSENIC COMPOUND, N.O.S., solid	6.1	T3	I	6.1	274	LQ0	P002 IBC07	B1	MP18	T14	TP2 TP9 TP27
3280	ORGANOARSENIC COMPOUND, N.O.S., solid	6.1	T3	II	6.1	274	LQ18	P002 IBC08	B2 B4	MP10	T11	TP2 TP27
3280	ORGANOARSENIC COMPOUND, N.O.S., solid	6.1	T3	III	6.1	274	LQ9	P002 IBC08 LP02 R001	B3	MP10	T7	TP1 TP28
3281	METAL CARBONYLS, N.O.S., liquid	6.1	T3	I	6.1	274 562	LQ0	P601		MP8 MP17	T14	TP2 TP9 TP13 TP27
3281	METAL CARBONYLS, N.O.S., liquid	6.1	T3	II	6.1	274 562	LQ17	P001 IBC02		MP15	T11	TP2 TP27
3281	METAL CARBONYLS, N.O.S., liquid	6.1	T3	III	6.1	274 562	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
3281	METAL CARBONYLS, N.O.S., solid	6.1	T3	I	6.1	274 562	LQ0	P002 IBC07	B1	MP18	T14	TP2 TP9 TP27
3281	METAL CARBONYLS, N.O.S., solid	6.1	T3	II	6.1	274 562	LQ18	P002 IBC08	B2 B4	MP10	T11	TP2 TP27
3281	METAL CARBONYLS, N.O.S., solid	6.1	T3	III	6.1	274 562	LQ9	P002 IBC08 LP02 R001	B3	MP10	T7	TP1 TP28
3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., liquid	6.1	T3	I	6.1	274 562	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	68	3277	CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S.
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., liquid
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., liquid
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., liquid
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., solid
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., solid
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3278	ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., solid
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	3279	ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3279	ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3280	ORGANOARSENIC COMPOUND, N.O.S., liquid
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3280	ORGANOARSENIC COMPOUND, N.O.S., liquid
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3280	ORGANOARSENIC COMPOUND, N.O.S., liquid
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3280	ORGANOARSENIC COMPOUND, N.O.S., solid
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3280	ORGANOARSENIC COMPOUND, N.O.S., solid
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3280	ORGANOARSENIC COMPOUND, N.O.S., solid
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3281	METAL CARBONYLS, N.O.S., liquid
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3281	METAL CARBONYLS, N.O.S., liquid
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3281	METAL CARBONYLS, N.O.S., liquid
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3281	METAL CARBONYLS, N.O.S., solid
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3281	METAL CARBONYLS, N.O.S., solid
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3281	METAL CARBONYLS, N.O.S., solid
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., liquid

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., liquid	6.1	T3	II	6.1	274 562	LQ17	P001 IBC02		MP15	T11	TP2 TP27
3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., liquid	6.1	T3	III	6.1	274 562	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., solid	6.1	T3	I	6.1	274 562	LQ0	P002 IBC07	B1	MP18	T14	TP2 TP9 TP27
3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., solid	6.1	T3	II	6.1	274 562	LQ18	P002 IBC08	B2 B4	MP10	T11	TP2 TP27
3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., solid	6.1	T3	III	6.1	274 562	LQ9	P002 IBC08 LP02 R001	B3	MP10	T7	TP1 TP28
3283	SELENIUM COMPOUND, N.O.S.	6.1	T5	I	6.1	274 563	LQ0	P002 IBC07	B1	MP18	T14	TP2 TP9 TP27
3283	SELENIUM COMPOUND, N.O.S.	6.1	T5	II	6.1	274 563	LQ18	P002 IBC07		MP10	T11	TP2 TP27
3283	SELENIUM COMPOUND, N.O.S.	6.1	T5	III	6.1	274 563	LQ9	P002 IBC07 R001		MP10	T7	TP1 TP28
3284	TELLURIUM COMPOUND, N.O.S.	6.1	T5	I	6.1	274	LQ0	P002 IBC07	B1	MP18	T14	TP2 TP9 TP27
3284	TELLURIUM COMPOUND, N.O.S.	6.1	T5	II	6.1	274	LQ18	P002 IBC08	B2 B4	MP10	T11	TP2 TP27
3284	TELLURIUM COMPOUND, N.O.S.	6.1	T5	III	6.1	274	LQ9	P002 IBC08 R001	B3	MP10	T7	TP1 TP28
3285	VANADIUM COMPOUND, N.O.S.	6.1	T5	I	6.1	274 564	LQ0	P002 IBC07	B1	MP18	T14	TP2 TP9 TP27
3285	VANADIUM COMPOUND, N.O.S.	6.1	T5	II	6.1	274 564	LQ18	P002 IBC08	B2 B4	MP10	T11	TP2 TP27
3285	VANADIUM COMPOUND, N.O.S.	6.1	T5	III	6.1	274 564	LQ9	P002 IBC08 R001		MP10	T7	TP1 TP28
3286	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3	FTC	I	3+6.1+8	274	LQ0	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
3286	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3	FTC	II	3+6.1+8	274	LQ0	P001 IBC02		MP19	T11	TP2 TP13 TP27
3287	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	I	6.1	274	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3287	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	II	6.1	274	LQ17	P001 IBC02		MP15	T11	TP2 TP27
3287	TOXIC LIQUID, INORGANIC, N.O.S.	6.1	T4	III	6.1	274	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP1 TP28
3288	TOXIC SOLID, INORGANIC, N.O.S.	6.1	T5	I	6.1	274	LQ0	P002 IBC05		MP18		
3288	TOXIC SOLID, INORGANIC, N.O.S.	6.1	T5	II	6.1	274	LQ18	P002 IBC08	B2 B4	MP10		
3288	TOXIC SOLID, INORGANIC, N.O.S.	6.1	T5	III	6.1	274	LQ9	P002 IBC08 LP02 R001	B3	MP10		
3289	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.	6.1	TC3	I	6.1+8	274	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., liquid
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., liquid
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., solid
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., solid
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3282	ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., solid
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3283	SELENIUM COMPOUND, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3283	SELENIUM COMPOUND, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3283	SELENIUM COMPOUND, N.O.S.
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3284	TELLURIUM COMPOUND, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3284	TELLURIUM COMPOUND, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3284	TELLURIUM COMPOUND, N.O.S.
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3285	VANADIUM COMPOUND, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3285	VANADIUM COMPOUND, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3285	VANADIUM COMPOUND, N.O.S.
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	368	3286	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	368	3286	FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3287	TOXIC LIQUID, INORGANIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3287	TOXIC LIQUID, INORGANIC, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3287	TOXIC LIQUID, INORGANIC, N.O.S.
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3288	TOXIC SOLID, INORGANIC, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3288	TOXIC SOLID, INORGANIC, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2		VV9b	CV1 CV13 CV28	S9	60	3288	TOXIC SOLID, INORGANIC, N.O.S.
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	668	3289	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3289	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.	6.1	TC3	II	6.1+8	274	LQ17	P001 IBC02		MP15	T11	TP2 TP27
3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.	6.1	TC4	I	6.1+8	274	LQ0	P002 IBC05		MP18		
3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.	6.1	TC4	II	6.1+8	274	LQ18	P002 IBC06	B2	MP15		
3291	CLINICAL WASTE, UNSPECIFIED, N.O.S. or (BIO) MEDICAL WASTE, N.O.S. or REGULATED MEDICAL WASTE, N.O.S.	6.2	I3	II	6.2	565 634	LQ0	P621 IBC620 LP621		MP6		
3292	BATTERIES, CONTAINING SODIUM, or CELLS, CONTAINING SODIUM	4.3	W3	II	4.3	239 295	LQ0	P408				
3293	HYDRAZINE, AQUEOUS SOLUTION with not more than 37% hydrazine, by mass	6.1	T4	III	6.1	566	LQ19	P001 IBC03 LP01 R001		MP15	T4	TP1
3294	HYDROGEN CYANIDE, SOLUTION IN ALCOHOL with not more than 45% hydrogen cyanide	6.1	TF1	I	6.1+3	610	LQ0	P601 PR3		MP8 MP17	T14	TP2 TP13
3295	HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 50 °C more than 175 kPa)	3	F1	I	3	274 640	LQ3	P001		MP7 MP17	T11	TP1 TP8 TP9
3295	HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	I	3	274 640	LQ3	P001		MP7 MP17	T11	TP1 TP8 TP9
3295	HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	274 640	LQ4	P001		MP19	T7	TP1 TP8 TP28
3295	HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	274 640	LQ4	P001 IBC02 R001		MP19	T7	TP1 TP8 TP28
3295	HYDROCARBONS, LIQUID, N.O.S.	3	F1	III	3	274	LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1 TP29
3296	HEPTAFLUOROPROPANE (REFRIGERANT GAS R 227)	2	2A		2.2		LQ1	P200		MP9	T50	
3297	ETHYLENE OXIDE AND CHLOROTETRAFLUORO-ETHANE MIXTURE with not more than 8.8% ethylene oxide	2	2A		2.2		LQ1	P200		MP9	T50	
3298	ETHYLENE OXIDE AND PENTAFLUOROETHANE MIXTURE with not more than 7.9% ethylene oxide	2	2A		2.2		LQ1	P200		MP9	T50	
3299	ETHYLENE OXIDE AND TETRAFLUOROETHANE MIXTURE with not more than 5.6% ethylene oxide	2	2A		2.2		LQ1	P200		MP9	T50	
3300	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 87% ethylene oxide	2	2TF		2.3 +2.1		LQ0	P200		MP9		
3301	CORROSIVE LIQUID, SELF-HEATING, N.O.S.	8	CS1	I	8+4.2	274	LQ20	P001		MP8 MP17		
3301	CORROSIVE LIQUID, SELF-HEATING, N.O.S.	8	CS1	II	8+4.2	274	LQ22	P001		MP15		
3302	2-DIMETHYLAMINOETHYL ACRYLATE	6.1	T1	II	6.1		LQ17	P001 IBC02		MP15	T7	TP2

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1 TE19	AT	2			CV1 CV13 CV28	S9 S19	68	3289	TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.
S10AH	TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	668	3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.
SGAH L4BH	TU15 TE1 TE19	AT	2			CV1 CV13 CV28	S9 S19	68	3290	TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.
L4BH S4AH	TU15 TE1 TE19	AT	2		VV11	CV13 CV28	S3	606	3291	CLINICAL WASTE, UNSPECIFIED, N.O.S. or (BIO) MEDICAL WASTE, N.O.S. or REGULATED MEDICAL WASTE, N.O.S.
			2	V1		CV23			3292	BATTERIES, CONTAINING SODIUM, or CELLS, CONTAINING SODIUM
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3293	HYDRAZINE, AQUEOUS SOLUTION with not more than 37% hydrazine, by mass
L15DH(+)	TU14 TU15 TE1 TE19	FL	0			CV1 CV13 CV28	S2 S9 S17	663	3294	HYDROGEN CYANIDE, SOLUTION IN ALCOHOL with not more than 45% hydrogen cyanide
L4BN		FL	1				S2 S20	33	3295	HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 50 °C more than 175 kPa)
L1.5BN		FL	1				S2 S20	33	3295	HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 50°C more than 110 kPa but not more than 175 kPa)
L1.5BN		FL	2				S2 S20	33	3295	HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 50°C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	3295	HYDROCARBONS, LIQUID, N.O.S. (vapour pressure at 50°C not more than 110 kPa)
LGBF		FL	3				S2	30	3295	HYDROCARBONS, LIQUID, N.O.S.
PxBN(M)		AT	3	V7		CV9 CV10		20	3296	HEPTAFLUOROPROPANE (REFRIGERANT GAS R 227)
PxBN(M)		AT	3	V7		CV9 CV10		20	3297	ETHYLENE OXIDE AND CHLOROTETRAFLUORO-ETHANE MIXTURE with not more than 8.8% ethylene oxide
PxBN(M)		AT	3	V7		CV9 CV10		20	3298	ETHYLENE OXIDE AND PENTAFLUOROETHANE MIXTURE with not more than 7.9% ethylene oxide
PxBN(M)		AT	3	V7		CV9 CV10		20	3299	ETHYLENE OXIDE AND TETRAFLUOROETHANE MIXTURE with not more than 5.6% ethylene oxide
PxBH(M)	TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	3300	ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 87% ethylene oxide
L10BH	TE1	AT	1				S20	884	3301	CORROSIVE LIQUID, SELF-HEATING, N.O.S.
L4BN		AT	2					84	3301	CORROSIVE LIQUID, SELF-HEATING, N.O.S.
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3302	2-DIMETHYLAMINOETHYL ACRYLATE

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3303	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.	2	1TO		2.3 +5.1	274	LQ0	P200		MP9		
3304	COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.	2	1TC		2.3 +8	274	LQ0	P200		MP9		
3305	COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2	1TFC		2.3 +2.1 +8	274	LQ0	P200		MP9		
3306	COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2	1TOC		2.3 +5.1 +8	274	LQ0	P200		MP9		
3307	LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.	2	2TO		2.3 +5.1	274	LQ0	P200		MP9		
3308	LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.	2	2TC		2.3 +8	274	LQ0	P200		MP9		
3309	LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	2	2TFC		2.3 +2.1 +8	274	LQ0	P200		MP9		
3310	LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	2	2TOC		2.3 +5.1 +8	274	LQ0	P200		MP9		
3311	GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.	2	3O		2.2 +5.1	274	LQ0	P203		MP9	T75	TP22
3312	GAS, REFRIGERATED LIQUID, FLAMMABLE, N.O.S.	2	3F		2.1	274	LQ0	P203		MP9	T75	
3313	ORGANIC PIGMENTS, SELF-HEATING	4.2	S2	II	4.2		LQ0	P002 IBC08	B2	MP14		
3313	ORGANIC PIGMENTS, SELF-HEATING	4.2	S2	III	4.2		LQ0	P002 IBC08 LP02 R001	B3	MP14		
3314	PLASTICS MOULDING COMPOUND in dough, sheet or extruded rope form evolving flammable vapour	9	M3	III	None	207 633	LQ27	P002 IBC08 R001	PP14 B6	MP10		
3315	CHEMICAL SAMPLE, TOXIC, liquid or solid	6.1	T8	I	6.1	250	LQ0	P099		MP8 MP17		
3316	CHEMICAL KIT or FIRST AID KIT	9	M11	II	9	251	LQ0	P901				
3316	CHEMICAL KIT or FIRST AID KIT	9	M11	III	9	251	LQ0	P901				
3317	2-AMINO-4,6-DINITROPHENOL, WETTED with not less than 20% water, by mass	4.1	D	I	4.1		LQ0	P406	PP26	MP2		
3318	AMMONIA SOLUTION, relative density less than 0.880 at 15 °C in water, with more than 50% ammonia	2	4TC		2.3+8	23	LQ0	P200		MP9	T50	
3319	NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin, by mass	4.1	D	II	4.1	272 274	LQ0	P099 IBC99		MP2		
3320	SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION, with not more than 12% sodium borohydride and not more than 40% sodium hydroxide by mass	8	C5	II	8		LQ22	P001 IBC02		MP15	T7	TP2
3320	SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION, with not more than 12% sodium borohydride and not more than 40% sodium hydroxide by mass	8	C5	III	8		LQ19	P001 IBC03 LP01 R001		MP15	T4	TP2

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
CxBH(M)	TU6 TE1	AT	1	V7		CV9 CV10	S7 S17	265	3303	COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.
CxBH(M)	TU6 TE1	AT	1	V7		CV9 CV10	S7 S17	268	3304	COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.
CxBH(M)	TU6 TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	3305	COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.
CxBH(M)	TU6 TE1	AT	1	V7		CV9 CV10	S7 S17	265	3306	COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.
PxBH(M)	TU6 TE1	AT	1	V7		CV9 CV10	S7 S17	265	3307	LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.
PxBH(M)	TU6 TE1	AT	1	V7		CV9 CV10	S7 S17	268	3308	LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.
PxBH(M)	TU6 TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	3309	LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.
PxBH(M)	TU6 TE1	AT	1	V7		CV9 CV10	S7 S17	265	3310	LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.
RxBN(M)	TU7 TU19	AT	3	V5 V7		CV9 CV11	S20	225	3311	GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.
RxBN(M)	TU18	FL	2	V5 V7		CV9 CV11	S2 S17	223	3312	GAS, REFRIGERATED LIQUID, FLAMMABLE, N.O.S.
SGAV		AT	2	V1				40	3313	ORGANIC PIGMENTS, SELF-HEATING
SGAV		AT	3	V1				40	3313	ORGANIC PIGMENTS, SELF-HEATING
			3	V1	VV3			90	3314	PLASTICS MOULDING COMPOUND in dough, sheet or extruded rope form evolving flammable vapour
			1			CV1 CV13 CV28	S9 S17		3315	CHEMICAL SAMPLE, TOXIC, liquid or solid
			2	V1					3316	CHEMICAL KIT or FIRST AID KIT
			3	V1					3316	CHEMICAL KIT or FIRST AID KIT
			1				S17		3317	2-AMINO-4,6-DINITROPHENOL, WETTED with not less than 20% water, by mass
PxBH(M)	TE1	AT	1			CV9 CV10	S7	268	3318	AMMONIA SOLUTION, relative density less than 0.880 at 15°C in water, with more than 50% ammonia
			0						3319	NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin, by mass
L4BN		AT	2					80	3320	SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION, with not more than 12% sodium borohydride and not more than 40% sodium hydroxide by mass
L4BN		AT	3					80	3320	SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION, with not more than 12% sodium borohydride and not more than 40% sodium hydroxide by mass

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3321	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), non fissile or fissile-excepted	7			7X	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3		T5	TP4
3322	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), non fissile or fissile-excepted	7			7X	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3		T5	TP4
3323	RADIOACTIVE MATERIAL, TYPE C PACKAGE, non fissile or fissile-excepted	7			7X	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
3324	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE	7			7X +7E	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
3325	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, (LSA-III), FISSILE	7			7X +7E	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
3326	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), FISSILE	7			7X +7E	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
3327	RADIOACTIVE MATERIAL, TYPE A PACKAGE, FISSILE, non-special form	7			7X +7E	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
3328	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, FISSILE	7			7X +7E	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
3329	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, FISSILE	7			7X +7E	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
3330	RADIOACTIVE MATERIAL, TYPE C PACKAGE, FISSILE	7			7X +7E	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
3331	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE	7			7X +7E	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
3332	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, non fissile or fissile-excepted	7			7X	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
3333	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, FISSILE	7			7X +7E	172	LQ0	See 2.2.7 and 4.1.9	See 4.1.9.1.3			
3334	Aviation regulated liquid, n.o.s.	9	M11	NOT SUBJECT TO ADR								
3335	Aviation regulated solid, n.o.s.	9	M11	NOT SUBJECT TO ADR								
3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.	3	F1	I	3	274	LQ3	P001		MP7 MP17	T11	TP2
3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)	3	F1	II	3	274 640	LQ4	P001		MP19	T7	TP1 TP8 TP28
3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)	3	F1	II	3	274 640	LQ4	P001 IBC02 R001		MP19	T7	TP1 TP8 TP28
3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.	3	F1	III	3	274	LQ7	P001 IBC03 LP01 R001		MP19	T4	TP1 TP29

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L2,65CN(+) S2,65AN(+)	TU36 TM7 TT7	AT	0			CV33	S6 S11 S13 S21	70	3321	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), non fissile or fissile-excepted
L2,65CN(+) S2,65AN(+)	TU36 TM7 TT7	AT	0			CV33	S6 S11 S13 S21	70	3322	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), non fissile or fissile-excepted
			0			CV33	S6 S11 S13 S21		3323	RADIOACTIVE MATERIAL, TYPE C PACKAGE, non fissile or fissile-excepted
			0			CV33	S6 S11 S13 S21		3324	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE
			0			CV33	S6 S11 S13 S21		3325	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, (LSA-III), FISSILE
			0			CV33	S6 S11 S13 S21		3326	RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), FISSILE
			0			CV33	S6 S11 S13 S21		3327	RADIOACTIVE MATERIAL, TYPE A PACKAGE, FISSILE, non-special form
			0			CV33	S6 S11 S13 S21		3328	RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, FISSILE
			0			CV33	S6 S11 S13 S21		3329	RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, FISSILE
			0			CV33	S6 S11 S13 S21		3330	RADIOACTIVE MATERIAL, TYPE C PACKAGE, FISSILE
			0			CV33	S6 S11 S13 S21		3331	RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE
			0			CV33	S6 S11 S13 S21		3332	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, non fissile or fissile-excepted
			0			CV33	S6 S11 S13 S21		3333	RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, FISSILE
NOT SUBJECT TO ADR									3334	Aviation regulated liquid, n.o.s.
NOT SUBJECT TO ADR									3335	Aviation regulated solid, n.o.s.
L1,5BN		FL	1				S2 S20	33	3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.
L1,5BN		FL	2				S2 S20	33	3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S. (vapour pressure at 50 °C more than 110 kPa but not more than 175 kPa)
LGBF		FL	2				S2 S20	33	3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S. (vapour pressure at 50 °C not more than 110 kPa)
LGBF		FL	3				S2	30	3336	MERCAPTANS, LIQUID, FLAMMABLE, N.O.S. or MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3337	REFRIGERANT GAS R 404A (Pentafluoroethane, 1,1,1-trifluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 44% pentafluoroethane and 52% 1,1,1-trifluoroethane)	2	2A		2.2		LQ1	P200		MP9	T50	
3338	REFRIGERANT GAS R 407A (Difluoromethane, pentafluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 20% difluoromethane and 40% pentafluoroethane)	2	2A		2.2		LQ1	P200		MP9	T50	
3339	REFRIGERANT GAS R 407B (Difluoromethane, pentafluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 10% difluoromethane and 70% pentafluoroethane	2	2A		2.2		LQ1	P200		MP9	T50	
3340	REFRIGERANT GAS R 407C (Difluoromethane, pentafluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 23%difluoromethane and 25% pentafluoroethane)	2	2A		2.2		LQ1	P200		MP9	T50	
3341	THIOUREA DIOXIDE	4.2	S2	II	4.2		LQ0	P002 IBC06	B2	MP14		
3341	THIOUREA DIOXIDE	4.2	S2	III	4.2		LQ0	P002 IBC08 LP02 R001	B3	MP14		
3342	XANTHATES	4.2	S2	II	4.2		LQ0	P002 IBC06	B2	MP14		
3342	XANTHATES	4.2	S2	III	4.2		LQ0	P002 IBC08 LP02 R001	B3	MP14		
3343	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin, by mass	3	D		3	274 278	LQ0	P099		MP2		
3344	PENTAERYTHRITE TETRANITRATE MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	4.1	D	II	4.1	272 274	LQ0	P099		MP2		
3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18		
3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10		
3346	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3+6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27

ADR tank		Vehicle	Transport	Special provisions for carriage				Hazard	UN	Name and description
Tank code	Special provisions	for tank carriage	category	Packages	Bulk	Loading, unloading and handling	Operation	identifi-cation No.	No.	
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
PxBN(M)		AT	3	V7		CV9 CV10		20	3337	REFRIGERANT GAS R 404A (Pentafluoroethane, 1,1,1-trifluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 44% pentafluoroethane and 52% 1,1,1-trifluoroethane)
PxBN(M)		AT	3	V7		CV9 CV10		20	3338	REFRIGERANT GAS R 407A (Difluoromethane, pentafluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 20% difluoromethane and 40% pentafluoroethane)
PxBN(M)		AT	3	V7		CV9 CV10		20	3339	REFRIGERANT GAS R 407B (Difluoromethane, pentafluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 10% difluoromethane and 70% pentafluoroethane
PxBN(M)		AT	3	V7		CV9 CV10		20	3340	REFRIGERANT GAS R 407C (Difluoromethane, pentafluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 23%difluoromethane and 25% pentafluoroethane)
SGAV		AT	2	V1				40	3341	THIOUREA DIOXIDE
SGAV		AT	3	V1				40	3341	THIOUREA DIOXIDE
SGAV		AT	2	V1				40	3342	XANTHATES
SGAV		AT	3	V1				40	3342	XANTHATES
			0				S2		3343	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin, by mass
			0						3344	PENTAERYTHRITE TETRANITRATE MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3345	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	3346	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)
3346	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3+6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27
3347	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3347	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3347	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2 TP28
3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP27
3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28
3349	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	T7	I	6.1	61	LQ0	P002 IBC07	B1	MP18		
3349	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	T7	II	6.1	61	LQ18	P002 IBC08	B2 B4	MP10		
3349	PYRETHROID PESTICIDE, SOLID, TOXIC	6.1	T7	III	6.1	61	LQ9	P002 IBC08 LP02 R001	B3	MP10		
3350	PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	I	3+6.1	61	LQ3	P001		MP7 MP17	T14	TP2 TP9 TP13 TP27
3350	PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3	FT2	II	3+6.1	61	LQ4	P001 IBC02 R001		MP19	T11	TP2 TP13 TP27
3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	I	6.1+3	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	II	6.1+3	61	LQ17	P001 IBC02		MP15	T11	TP2 TP13 TP27
3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	6.1	TF2	III	6.1+3	61	LQ19	P001 IBC03 R001		MP15	T7	TP2 TP28
3352	PYRETHROID PESTICIDE, LIQUID, TOXIC	6.1	T6	I	6.1	61	LQ0	P001		MP8 MP17	T14	TP2 TP9 TP13 TP27
3352	PYRETHROID PESTICIDE, LIQUID, TOXIC	6.1	T6	II	6.1	61	LQ17	P001 IBC02		MP15	T11	TP2 TP27
3352	PYRETHROID PESTICIDE, LIQUID, TOXIC	6.1	T6	III	6.1	61	LQ19	P001 IBC03 LP01 R001		MP15	T7	TP2 TP28

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	3346	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	3347	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3347	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	3347	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3348	PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC
S10AH L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3349	PYRETHROID PESTICIDE, SOLID, TOXIC
SGAH L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3349	PYRETHROID PESTICIDE, SOLID, TOXIC
SGAH	TU15 TE1 TE19	AT	2		VV9b	CV13 CV28	S9	60	3349	PYRETHROID PESTICIDE, SOLID, TOXIC
L10CH	TU14 TU15 TE1	FL	1			CV13 CV28	S2 S19	336	3350	PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L4BH	TU15 TE1	FL	2			CV13 CV28	S2 S19	336	3350	PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C
L10CH	TU14 TU15 TE1 TE19	FL	1			CV1 CV13 CV28	S2 S9 S17	663	3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9 S19	63	3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L4BH	TU15 TE1 TE19	FL	2			CV13 CV28	S2 S9	63	3351	PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C
L10CH	TU14 TU15 TE1 TE19	AT	1			CV1 CV13 CV28	S9 S17	66	3352	PYRETHROID PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9 S19	60	3352	PYRETHROID PESTICIDE, LIQUID, TOXIC
L4BH	TU15 TE1 TE19	AT	2			CV13 CV28	S9	60	3352	PYRETHROID PESTICIDE, LIQUID, TOXIC

UN No.	Name and description	Class	Classification Code	Packing group	Labels	Special provisions	Limited quantities	Packaging			UN Portable tank	
								Packing instructions	Special packing provisions	Mixed packing provisions	Instructions	Special provisions
	3.1.2	2.2	2.2	2.1.1.3	5.2.2	3.3	3.4.6	4.1.4	4.1.4	4.1.10	4.2.4.2	4.2.4.3
(1)	**(2)**	**(3a)**	**(3b)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9a)**	**(9b)**	**(10)**	**(11)**
3353	AIR BAG INFLATORS, COMPRESSED GAS or AIR BAG MODULES, COMPRESSED GAS or SEAT-BELT PRETENSIONERS, COMPRESSED GAS	2	6A		2.2	280 289	LQ0	P202		MP9		
3354	INSECTICIDE GAS, FLAMMABLE, N.O.S.	2	2F		2.1	274	LQ0	P200		MP9		
3355	INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S.	2	2TF		2.3 +2.1	274	LQ0	P200		MP9		
3356	OXYGEN GENERATOR, CHEMICAL	5.1	O3	II	5.1	284	LQ0	P500		MP2		
3357	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S. with not more than 30% nitroglycerin, by mass	3	D	II	3	274 288	LQ4	P099		MP2		
3358	REFRIGERATING MACHINES containing flammable, non-toxic, liquefied gas	2	6F		2.1	291	LQ0	P003	PP32	MP9		

ADR tank		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.	UN No.	Name and description
Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation			
4.3	4.3.5, 6.8.4	9.1.1.2	1.1.3.6	7.2.4	7.3.3	7.5.11	8.5	5.3.2.3		3.1.2
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(1)	(2)
			3			CV9			3353	AIR BAG INFLATORS, COMPRESSED GAS or AIR BAG MODULES, COMPRESSED GAS or SEAT-BELT PRETENSIONERS, COMPRESSED GAS
PxBN(M)		FL	2	V7		CV9 CV10	S2 S7 S20	23	3354	INSECTICIDE GAS, FLAMMABLE, N.O.S.
PxBH(M)	TU6 TE1	FL	1	V7		CV9 CV10	S2 S7 S17	263	3355	INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S.
			2			CV24			3356	OXYGEN GENERATOR, CHEMICAL
			2				S2		3357	NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S. with not more than 30% nitroglycerin, by mass
			2			CV9	S2		3358	REFRIGERATING MACHINES containing flammable, non-toxic, liquefied gas

3.2.2 Table B: Alphabetic index of substances and articles of ADR

This index is an alphabetical list of the substances and articles which are listed in the UN numerical order in Table A of 3.2.1. It does not form an integral part of ADR. It has been submitted neither to the Working Party on the Transport of Dangerous Goods of the Inland Transport Committee for checking and approval nor to the Contracting Parties to ADR for formal acceptance. It has been prepared, with all necessary care by the Secretariat of the United Nations Economic Commission for Europe, in order to facilitate the consultation of Annexes A and B, but it cannot be relied upon as a substitute for the careful study and observance of the actual provisions of those annexes which, in case of conflict, are deemed to be authoritative. ONLY ADR AND ITS ANNEXES HAVE LEGAL FORCE.

NOTE 1: *For the purpose of determining the alphabetical order the following information has been ignored, even when it forms part of the proper shipping name: numbers; Greek letters; the abbreviations "sec" and "tert"; and the letters "N" (nitrogen), "n" (normal), "o" (ortho) "m" (meta), "p" (para) and "N.O.S." (not otherwise specified).*

NOTE 2: *The name of a substance or article in block capital letters indicates a proper shipping name (see 3.1.2).*

NOTE 3: *The name of a substance or article in block capital letters followed by the word "see" indicates an alternative proper shipping name or part of a proper shipping name (except for PCBs) (see 3.1.2.1).*

NOTE 4: *An entry in lower case letters followed by the word "see" indicates that the entry is not a proper shipping name; it is a synonym.*

NOTE 5: *Where an entry is partly in block capital letters and partly in lower case letters, the latter part is considered not to be part of the proper shipping name (see 3.1.2.1).*

NOTE 6: *A proper shipping name may be used in the singular or plural, as appropriate, for the purposes of documentation and package marking (see 3.1.2.3).*

NOTE 7: *For the exact determination of a proper shipping name, see 3.1.2.*

Name and description	UN No.	Class	Remarks
Accumulators, electric, see	2794	8	
	2795	8	
	2800	8	
	3028	8	
	3292	4.3	
ACETAL	1088	3	
ACETALDEHYDE	1089	3	
ACETALDEHYDE AMMONIA	1841	9	
ACETALDEHYDE OXIME	2332	3	
ACETIC ACID, GLACIAL	2789	8	
ACETIC ACID SOLUTION, more than 10% but not more than 80% acid, by mass	2790	8	
ACETIC ACID SOLUTION, more than 80% acid, by mass	2789	8	
ACETIC ANHYDRIDE	1715	8	
Acetoin, see	2621	3	
ACETONE	1090	3	
ACETONE CYANOHYDRIN, STABILIZED	1541	6.1	
ACETONE OILS	1091	3	
ACETONITRILE	1648	3	
ACETYL BROMIDE	1716	8	
ACETYL CHLORIDE	1717	3	
ACETYLENE, DISSOLVED	1001	2	
Acetylene tetrabromide, see	2504	6.1	
Acetylene tetrachloride, see	1702	6.1	
ACETYL IODIDE	1898	8	
ACETYL METHYL CARBINOL	2621	3	
Acid butyl phosphate, see	1718	8	
Acid mixture, hydrofluoric and sulphuric, see	1786	8	
Acid mixture, nitrating acid, see	1796	8	
Acid mixture, spent, nitrating acid, see	1826	8	
Acraldehyde, inhibited, see	1092	6.1	
ACRIDINE	2713	6.1	
ACROLEIN DIMER, STABILIZED	2607	3	
ACROLEIN, STABILIZED	1092	6.1	
ACRYLAMIDE	2074	6.1	
ACRYLIC ACID, STABILIZED	2218	8	
ACRYLONITRILE, STABILIZED	1093	3	
Actinolite, see	2590	9	
Activated carbon, see	1362	4.2	
Activated charcoal, see	1362	4.2	
ADHESIVES containing flammable liquid	1133	3	
ADIPONITRILE	2205	6.1	
Aeroplane flares, see	0093	1	
	0403	1	
	0404	1	
	0420	1	
	0421	1	
AEROSOLS	1950	2	
AIR BAG INFLATORS, COMPRESSED GAS	3353	2	
AIR BAG INFLATORS, pyrotechnic	3268	9	
AIR BAG INFLATORS, PYROTECHNIC	0503	1	
AIR BAG MODULES, COMPRESSED GAS	3353	2	
AIR BAG MODULES, pyrotechnic	3268	9	
AIR BAG MODULES, PYROTECHNIC	0503	1	
AIR, COMPRESSED	1002	2	

Name and description	UN No.	Class	Remarks
Aircraft evacuation slides, see	2990	9	
AIRCRAFT HYDRAULIC POWER UNIT FUEL TANK (containing a mixture of anhydrous hydrazine and methylhydrazine) (M86 fuel)	3165	3	
Aircraft survival kits, see	2990	9	
AIR, REFRIGERATED LIQUID	1003	2	
ALCOHOLATES SOLUTION, N.O.S., in alcohol	3274	3	
Alcohol, denaturated, see	1986 1987	3 3	
Alcohol, industrial, see	1986 1987	3 3	
ALCOHOLS, N.O.S.	1987	3	
ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.	1986	3	
ALCOHOLIC BEVERAGES, with more than 24% but not more than 70% alcohol by volume	3065	3	
ALCOHOLIC BEVERAGES, with more than 70% alcohol by volume	3065	3	
Aldehyde, see	1989	3	
ALDEHYDES, N.O.S.	1989	3	
ALDEHYDES, FLAMMABLE, TOXIC, N.O.S.	1988	3	
ALDOL	2839	6.1	
ALKALI METAL ALCOHOLATES, SELF-HEATING, CORROSIVE, N.O.S.	3206	4.2	
ALKALI METAL ALLOY, LIQUID, N.O.S.	1421	4.3	
ALKALI METAL AMALGAM	1389	4.3	
ALKALI METAL AMIDES	1390	4.3	
ALKALI METAL DISPERSION	1391	4.3	
Alkaline corrosive battery fluid, see	2797	8	
ALKALINE EARTH METAL ALCOHOLATES, N.O.S.	3205	4.2	
ALKALINE EARTH METAL ALLOY, N.O.S.	1393	4.3	
ALKALINE EARTH METAL AMALGAM	1392	4.3	
ALKALINE EARTH METAL DISPERSION	1391	4.3	
ALKALOIDS, LIQUID, N.O.S.	3140	6.1	
ALKALOIDS, SOLID, N.O.S.	1544	6.1	
ALKALOID SALTS, LIQUID, N.O.S.	3140	6.1	
ALKALOID SALTS, SOLID, N.O.S.	1544	6.1	
Alkyl aluminium halides, see	3052	4.2	
ALKYLPHENOLS, LIQUID, N.O.S. (including C_2-C_{12} homologues)	3145	8	
ALKYLPHENOLS, SOLID, N.O.S. (including C_2-C_{12} homologues)	2430	8	
ALKYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid	2584	8	
ALKYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid	2586	8	
ALKYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid	2583	8	
ALKYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid	2585	8	
ALKYLSULPHURIC ACIDS	2571	8	
Allene, see	2200	2	
ALLYL ACETATE	2333	3	
ALLYL ALCOHOL	1098	6.1	

Name and description	UN No.	Class	Remarks
ALLYLAMINE	2334	6.1	
ALLYL BROMIDE	1099	3	
ALLYL CHLORIDE	1100	3	
Allyl chlorocarbonate, see	1722	6.1	
ALLYL CHLOROFORMATE	1722	6.1	
ALLYL ETHYL ETHER	2335	3	
ALLYL FORMATE	2336	3	
ALLYL GLYCIDYL ETHER	2219	3	
ALLYL IODIDE	1723	3	
ALLYL ISOTHIOCYANATE, STABILIZED	1545	6.1	
ALLYLTRICHLOROSILANE, STABILIZED	1724	8	
ALUMINIUM ALKYLS	3051	4.2	
ALUMINIUM ALKYL HALIDES, LIQUID	3052	4.2	
ALUMINIUM ALKYL HALIDES, SOLID	3052	4.2	
ALUMINIUM ALKYL HYDRIDES	3076	4.2	
ALUMINIUM BOROHYDRIDE	2870	4.2	
ALUMINIUM BOROHYDRIDE IN DEVICES	2870	4.2	
ALUMINIUM BROMIDE, ANHYDROUS	1725	8	
ALUMINIUM BROMIDE SOLUTION	2580	8	
ALUMINIUM CARBIDE	1394	4.3	
ALUMINIUM CHLORIDE, ANHYDROUS	1726	8	
ALUMINIUM CHLORIDE SOLUTION	2581	8	
Aluminium dross, see	3170	4.3	
ALUMINIUM FERROSILICON POWDER	1395	4.3	
ALUMINIUM HYDRIDE	2463	4.3	
ALUMINIUM NITRATE	1438	5.1	
ALUMINIUM PHOSPHIDE	1397	4.3	
ALUMINIUM PHOSPHIDE PESTICIDE	3048	6.1	
ALUMINIUM POWDER, COATED	1309	4.1	
ALUMINIUM POWDER, UNCOATED	1396	4.3	
ALUMINIUM REMELTING BY-PRODUCTS	3170	4.3	
ALUMINIUM RESINATE	2715	4.1	
ALUMINIUM SILICON POWDER, UNCOATED	1398	4.3	
ALUMINIUM SMELTING BY-PRODUCTS	3170	4.3	
Amatols, see	0082	1	
AMINES, FLAMMABLE, CORROSIVE, N.O.S.	2733	3	
AMINES, LIQUID, CORROSIVE, N.O.S.	2735	8	
AMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	2734	8	
AMINES, SOLID, CORROSIVE, N.O.S.	3259	8	
Aminobenzene, see	1547	6.1	
2-Aminobenzotrifluoruride, see	2942	6.1	
3-Aminobenzotrifluoruride, see	2948	6.1	
Aminobutane, see	1125	3	
2-AMINO-4-CHLOROPHENOL	2673	6.1	
2-AMINO-5-DIETHYLAMINOPENTANE	2946	6.1	
2-AMINO-4,6-DINITROPHENOL, WETTED with not less than 20% water, by mass	3317	4.1	

Name and description	UN No.	Class	Remarks
2-(2-AMINOETHOXY) ETHANOL	3055	8	
N-AMINOETHYLPIPERAZINE	2815	8	
1-Amino-2-nitrobenzene, see	1661	6.1	
1-Amino-3-nitrobenzene, see	1661	6.1	
1-Amino-4-nitrobenzene, see	1661	6.1	
AMINOPHENOLS (o-, m-, p-)	2512	6.1	
AMINOPYRIDINES (o-, m-, p-)	2671	6.1	
AMMONIA, ANHYDROUS	1005	2	
AMMONIA SOLUTION relative density between 0.880 and 0.957 at 15 °C in water, with more than 10% but not more than 35% ammonia	2672	8	
AMMONIA SOLUTION, relative density less than 0.880 at 15 °C in water, with more than 35% but not more than 50% ammonia	2073	2	
AMMONIA SOLUTION, relative density less than 0.880 at 15 °C in water, with more than 50% ammonia	3318	2	
AMMONIUM ARSENATE	1546	6.1	
Ammonium bichromate, see	1439	5.1	
Ammonium bifluoride solid, see	1727	8	
Ammonium bifluoride solution, see	2817	8	
Ammonium bisulphate, see	2506	8	
Ammonium bisulphite solution, see	2693	8	
AMMONIUM DICHROMATE	1439	5.1	
AMMONIUM DINITRO-o-CRESOLATE	1843	6.1	
AMMONIUM FLUORIDE	2505	6.1	
AMMONIUM FLUOROSILICATE	2854	6.1	
Ammonium hexafluorosilicate, see	2854	6.1	
AMMONIUM HYDROGENDIFLUORIDE, SOLID	1727	8	
AMMONIUM HYDROGENDIFLUORIDE SOLUTION	2817	8	
AMMONIUM HYDROGEN SULPHATE	2506	8	
Ammonium hydrosulphide solution (treat as ammonium sulphide solution), see	2683	8	
AMMONIUM METAVANADATE	2859	6.1	
AMMONIUM NITRATE with more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	0222	1	
AMMONIUM NITRATE with not more than 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	1942	5.1	
Ammonium nitrate explosive, see	0082 0331	1 1	
AMMONIUM NITRATE FERTILIZER, N.O.S.	2072	5.1	Carriage prohibited
AMMONIUM NITRATE FERTILIZER, which is more liable to explode than ammonium nitrate with 0.2% combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance	0223	1	
AMMONIUM NITRATE FERTILIZERS, Type A1	2067	5.1	
AMMONIUM NITRATE FERTILIZERS, Type A2	2068	5.1	
AMMONIUM NITRATE FERTILIZERS, Type A3	2069	5.1	

Name and description	UN No.	Class	Remarks
AMMONIUM NITRATE FERTILIZERS, Type A4	2070	5.1	
Ammonium nitrate fertilizers	2071	9	Not subject to ADR
AMMONIUM NITRATE, LIQUID hot concentrated solution, in a concentration of more than 80% but not more than 93%	2426	5.1	
AMMONIUM PERCHLORATE	0402	1	
	1442	5.1	
Ammonium permanganate, see	1482	5.1	
AMMONIUM PERSULPHATE	1444	5.1	
AMMONIUM PICRATE dry or wetted with less than 10% water, by mass	0004	1	
AMMONIUM PICRATE, WETTED with not less than 10% water, by mass	1310	4.1	
AMMONIUM POLYSULPHIDE SOLUTION	2818	8	
AMMONIUM POLYVANADATE	2861	6.1	
Ammonium silicofluoride, see	2854	6.1	
AMMONIUM SULPHIDE SOLUTION	2683	8	
Ammunition, blank, see	0014	1	
	0326	1	
	0327	1	
	0338	1	
	0413	1	
Ammunition, fixed	0005	1	
Ammunition, semi-fixed	0006	1	
Ammunition, separate loading, see	0007	1	
	0321	1	
	0348	1	
	0412	1	
AMMUNITION, ILLUMINATING with or without burster, expelling charge or propelling charge	0171	1	
	0254	1	
	0297	1	
AMMUNITION, INCENDIARY, liquid or gel, with burster, expelling charge or propelling charge	0247	1	
AMMUNITION, INCENDIARY with or without burster, expelling charge or propelling charge	0009	1	
	0010	1	
	0300	1	
Ammunition, incendiary (water-activated contrivances) with burster, expelling charge or propelling charge, see	0248	1	
	0249	1	
AMMUNITION, INCENDIARY, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	0243	1	
	0244	1	
Ammunition, industrial, see	0275	1	
	0276	1	
	0277	1	
	0278	1	
	0323	1	
	0381	1	
Ammunition, lachrymatory, see	0018	1	
	0019	1	
	0301	1	
	2017	1	
AMMUNITION, PRACTICE	0362	1	
	0488	1	
AMMUNITION, PROOF	0363	1	
AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge	0015	1	
	0016	1	
	0303	1	
Ammunition, smoke (water-activated contrivances), white phosphorus with burster, expelling charge or propelling charge, see	0248	1	
Ammunition, smoke (water-activated contrivances), without white phosphorus or phosphides with burster, expelling charge or propelling charge, see	0249	1	
AMMUNITION, SMOKE, WHITE PHOSPHORUS with burster, expelling charge or propelling charge	0245	1	
	0246	1	

Name and description	UN No.	Class	Remarks
Ammunition, sporting, see	0012	1	
	0328	1	
	0339	1	
	0417	1	
AMMUNITION, TEAR-PRODUCING, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	2017	6.1	
AMMUNITION, TEAR-PRODUCING with burster, expelling charge or propelling charge	0018	1	
	0019	1	
	0301	1	
AMMUNITION, TOXIC with burster, expelling charge or propelling charge	0020	1	Carriage prohibited
AMMUNITION, TOXIC with burster, expelling charge or propelling charge	0021	1	Carriage prohibited
Ammunition, toxic (water-activated contrivances) with burster, expelling charge or propelling charge, see	0248	1	
	0249	1	
AMMUNITION, TOXIC, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	2016	6.1	
Amorces (caps, toy), see	0333	1	
	0336	1	
	0337	1	
Amosite, see	2212	9	
AMYL ACETATES	1104	3	
AMYL ACID PHOSPHATE	2819	8	
Amyl aldehyde, see	2058	3	
AMYLAMINE	1106	3	
AMYL BUTYRATES	2620	3	
AMYL CHLORIDE	1107	3	
n-AMYLENE, see	1108	3	
AMYL FORMATES	1109	3	
AMYL MERCAPTAN	1111	3	
n-AMYL METHYL KETONE	1110	3	

Name and description	UN No.	Class	Remarks
AMYL NITRATE	1112	3	
AMYL NITRITE	1113	3	
AMYLTRICHLOROSILANE	1728	8	
Anaesthetic ether, see	1155	3	
ANILINE	1547	6.1	
Aniline chloride, see	1548	6.1	
ANILINE HYDROCHLORIDE	1548	6.1	
Aniline oil, see	1547	6.1	
Aniline salt, see	1548	6.1	
ANISIDINES	2431	6.1	
ANISOLE	2222	3	
ANISOYL CHLORIDE	1729	8	
Anthophyllite, see	2590	9	
Antimonous chloride, see	1733	8	
ANTIMONY COMPOUND, INORGANIC, LIQUID, N.O.S.	3141	6.1	
ANTIMONY COMPOUND, INORGANIC, SOLID, N.O.S.	1549	6.1	
Antimony hydride, see	2676	2	
ANTIMONY LACTATE	1550	6.1	
Antimony (III) lactate, see	1550	6.1	
ANTIMONY PENTACHLORIDE, LIQUID	1730	8	
ANTIMONY PENTACHLORIDE SOLUTION	1731	8	
ANTIMONY PENTAFLUORIDE	1732	8	
Antimony perchloride, liquid, see	1730	8	
ANTIMONY POTASSIUM TARTRATE	1551	6.1	
ANTIMONY POWDER	2871	6.1	
ANTIMONY TRICHLORIDE	1733	8	

Name and description	UN No.	Class	Remarks
A.n.t.u., see	1651	6.1	
ARGON, COMPRESSED	1006	2	
ARGON, REFRIGERATED LIQUID	1951	2	
Arsenates, n.o.s., see	1556	6.1	
	1557	6.1	
ARSENIC	1558	6.1	
ARSENIC ACID, LIQUID	1553	6.1	
ARSENIC ACID, SOLID	1554	6.1	
ARSENICAL DUST	1562	6.1	
Arsenical flue dust, see	1562	6.1	
ARSENICAL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	2760	3	
ARSENICAL PESTICIDE, LIQUID, TOXIC	2994	6.1	
ARSENICAL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	2993	6.1	
ARSENICAL PESTICIDE, SOLID, TOXIC	2759	6.1	
ARSENIC BROMIDE	1555	6.1	
Arsenic (III) bromide, see	1555	6.1	
Arsenice chloride, see	1560	6.1	
ARSENIC COMPOUND, LIQUID, N.O.S., inorganic, including: Arsenates, n.o.s., Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	1556	6.1	
ARSENIC COMPOUND, SOLID, N.O.S., inorganic, including: Arsenates, n.o.s.; Arsenites, n.o.s.; and Arsenic sulphides, n.o.s.	1557	6.1	
Arsenic (III) oxide, see	1561	6.1	
Arsenic (V) oxide, see	1559	6.1	
ARSENIC PENTOXIDE	1559	6.1	
Arsenic sulphides, see	1556	6.1	
	1557	6.1	
ARSENIC TRICHLORIDE	1560	6.1	
ARSENIC TRIOXIDE	1561	6.1	
Arsenious chloride, see	1560	6.1	
Arsenites, n.o.s., see	1556	6.1	
	1557	6.1	
Arsenous chloride, see	1560	6.1	
ARSINE	2188	2	
ARTICLES, EEI, see	0486	1	
ARTICLES, EXPLOSIVE, EXTREMELY INSENSITIVE	0486	1	
ARTICLES, EXPLOSIVE, N.O.S.	0349	1	
	0350	1	
	0351	1	
	0352	1	
	0353	1	
	0354	1	
	0355	1	
	0356	1	
	0462	1	
	0463	1	
	0464	1	
	0465	1	
	0466	1	
	0467	1	
	0468	1	
	0469	1	
	0470	1	
	0471	1	
	0472	1	
ARTICLES, PRESSURIZED, HYDRAULIC (containing non-flammable gas)	3164	2	
ARTICLES, PRESSURIZED, PNEUMATIC (containing non-flammable gas)	3164	2	
ARTICLES, PYROPHORIC	0380	1	
ARTICLES, PYROTECHNIC for technical purposes	0428	1	
	0429	1	
	0430	1	
	0431	1	
	0432	1	

Name and description	UN No.	Class	Remarks
ARYLSULPHONIC ACIDS, LIQUID with more than 5% free sulphuric acid	2584	8	
ARYLSULPHONIC ACIDS, LIQUID with not more than 5% free sulphuric acid	2586	8	
ARYLSULPHONIC ACIDS, SOLID with more than 5% free sulphuric acid	2583	8	
ARYLSULPHONIC ACIDS, SOLID with not more than 5% free sulphuric acid	2585	8	
Asbestos, blue or brown, see	2212	9	
Asbestos, white, see	2590	9	
Asphalt, see	1999	3	
Aviation regulated liquid, n.o.s.	3334	9	Not subject to ADR
Aviation regulated solid, n.o.s.	3335	9	Not subject to ADR
AZODICARBONAMIDE	3242	4.1	
Bag charges, see	0242	1	
	0279	1	
	0414	1	
Ballistite, see	0160	1	
	0161	1	
Bangalore torpedoes, see	0136	1	
	0137	1	
	0138	1	
	0294	1	
BARIUM	1400	4.3	
BARIUM ALLOYS, PYROPHORIC	1854	4.2	
BARIUM AZIDE, dry or wetted with less than 50% water, by mass	0224	1	
BARIUM AZIDE, WETTED with not less than 50% water, by mass	1571	4.1	
Barium binoxide, see	1449	5.1	
BARIUM BROMATE	2719	5.1	
BARIUM CHLORATE	1445	5.1	
BARIUM COMPOUND, N.O.S.	1564	6.1	
BARIUM CYANIDE	1565	6.1	
Barium dioxide, see	1449	5.1	
BARIUM HYPOCHLORITE with more than 22% available chlorine	2741	5.1	
BARIUM NITRATE	1446	5.1	
BARIUM OXIDE	1884	6.1	
BARIUM PERCHLORATE	1447	5.1	
BARIUM PERMANGANATE	1448	5.1	
BARIUM PEROXIDE	1449	5.1	
Barium selenate, see	2630	6.1	
Barium selenite, see	2630	6.1	
Barium superoxide, see	1449	5.1	
BATTERIES, CONTAINING SODIUM	3292	4.3	
BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE SOLID, electric storage	3028	8	
BATTERIES, WET, FILLED WITH ACID, electric storage	2794	8	
BATTERIES, WET, FILLED WITH ALKALI, electric storage	2795	8	
BATTERIES, WET, NON-SPILLABLE, electric storage	2800	8	
BATTERY FLUID, ACID	2796	8	
BATTERY FLUID, ALKALI	2797	8	
Battery-powered vehicle or Battery-powered equipment	3171	9	Not subject to ADR
BENZALDEHYDE	1990	9	
BENZENE	1114	3	

Name and description	UN No.	Class	Remarks
1,4-Benzenediol, see	2662	6.1	
BENZENESULPHONYL CHLORIDE	2225	8	
Benzenethiol, see	2337	6.1	
BENZIDINE	1885	6.1	
Benzol, see	1114	3	
Benzolene, see	1268	3	
BENZONITRILE	2224	6.1	
BENZOQUINONE	2587	6.1	
Benzosulphochloride, see	2225	8	
BENZOTRICHLORIDE	2226	8	
BENZOTRIFLUORIDE	2338	3	
BENZOYL CHLORIDE	1736	8	
BENZYL BROMIDE	1737	6.1	
BENZYL CHLORIDE	1738	6.1	
Benzyl chlorocarbonate, see	1739	8	
BENZYL CHLOROFORMATE	1739	8	
Benzyl cyanide, see	2470	6.1	
BENZYLDIMETHYLAMINE	2619	8	
BENZYLIDENE CHLORIDE	1886	6.1	
BENZYL IODIDE	2653	6.1	
BERYLLIUM COMPOUND, N.O.S.	1566	6.1	
BERYLLIUM NITRATE	2464	5.1	
BERYLLIUM POWDER	1567	6.1	
Bhusa	1327	4.1	Not subject to ADR
BICYCLO[2.2.1]HEPTA -2,5-DIENE, STABILIZED	2251	3	
Bifluorides, n.o.s., see	1740	8	
(BIO) MEDICAL WASTE, N.O.S.	3291	6.2	
BIPYRIDILIUM PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	2782	3	
BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC	3016	6.1	
BIPYRIDILIUM PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	3015	6.1	
BIPYRIDILIUM PESTICIDE, SOLID, TOXIC	2781	6.1	
BISULPHATES, AQUEOUS SOLUTION	2837	8	
BISULPHITES, AQUEOUS SOLUTION, N.O.S.	2693	8	
Bitumen, see	1999	3	
BLACK POWDER, COMPRESSED	0028	1	
BLACK POWDER, granular or as a meal	0027	1	
BLACK POWDER, IN PELLETS	0028	1	
Blasting cap assemblies, see	0360	1	
	0361	1	
Blasting caps, electric, see	0030	1	
	0255	1	
	0456	1	
Blasting caps, non electric, see	0029	1	
	0267	1	
	0455	1	
Blau gas, see	2600	2	
Bleaching powder, see	2208	5.1	
BLUE ASBESTOS (crocidolite)	2212	9	
BOMBS with bursting charge	0033	1	
	0034	1	
	0035	1	
	0291	1	

Name and description	UN No.	Class	Remarks
Bombs, illuminating, see	0254	1	
BOMBS, PHOTO-FLASH	0037	1	
	0038	1	
	0039	1	
	0299	1	
BOMBS, SMOKE, NON-EXPLOSIVE with corrosive liquid, without initiating device	2028	8	
Bombs, target identification, see	0171	1	
	0254	1	
	0297	1	
BOMBS WITH FLAMMABLE LIQUID with bursting charge	0399	1	
	0400	1	
BOOSTERS WITH DETONATOR	0225	1	
	0268	1	
BOOSTERS without detonator	0042	1	
	0283	1	
Borate and chlorate mixture, see	1458	5.1	
BORNEOL	1312	4.1	
BORON TRIBROMIDE	2692	8	
BORON TRICHLORIDE	1741	2	
BORON TRIFLUORIDE ACETIC ACID COMPLEX	1742	8	
BORON TRIFLUORIDE, COMPRESSED	1008	2	
BORON TRIFLUORIDE DIETHYL ETHERATE	2604	8	
BORON TRIFLUORIDE DIHYDRATE	2851	8	
BORON TRIFLUORIDE DIMETHYL ETHERATE	2965	4.3	
BORON TRIFLUORIDE PROPIONIC ACID COMPLEX	1743	8	
BROMATES, INORGANIC, N.O.S.	1450	5.1	
BROMATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	3213	5.1	
BROMINE	1744	8	
BROMINE CHLORIDE	2901	2	
BROMINE PENTAFLUORIDE	1745	5.1	
BROMINE SOLUTION	1744	8	
BROMINE TRIFLUORIDE	1746	5.1	
BROMOACETIC ACID	1938	8	
BROMOACETONE	1569	6.1	
omega-Bromoacetone, see	2645	6.4	
BROMOACETYL BROMIDE	2513	8	
BROMOBENZENE	2514	3	
BROMOBENZYL CYANIDES, LIQUID	1694	6.1	
BROMOBENZYL CYANIDES, SOLID	1694	6.1	
1-BROMOBUTANE	1126	3	
2-BROMOBUTANE	2339	3	
BROMOCHLOROMETHANE	1887	6.1	
1-BROMO-3-CHLOROPROPANE	2688	6.1	
1-Bromo -2,3-epoxypropane, see	2558	6.1	
Bromoethane, see	1891	6.1	
2-BROMOETHYL ETHYL ETHER	2340	3	
BROMOFORM	2515	6.1	
Bromomethane, see	1062	2	
1-BROMO-3-METHYLBUTANE	2341	3	
BROMOMETHYLPROPANES	2342	3	
2-BROMO-2-NITROPROPANE-1,3-DIOL	3241	4.1	
2-BROMOPENTANE	2343	3	
BROMOPROPANES	2344	3	
3-BROMOPROPYNE	2345	3	

Name and description	UN No.	Class	Remarks
BROMOTRIFLUORO-ETHYLENE	2419	2	
BROMOTRIFLUORO-METHANE	1009	2	
BROWN ASBESTOS (amosite, mysorite)	2212	9	
BRUCINE	1570	6.1	
BURSTERS, explosive	0043	1	
1,2-BUTADIENE, STABILIZED, having a vapour pressure at 70 °C not exceeding 1.1 MPa (11 bar) and a density at 50 °C not lower than 0.525 kg/l	1010	2	
1,3-BUTADIENE , STABILIZED, having a vapour pressure at 70 °C not exceeding 1.1 MPa (11 bar) and a density at 50 °C not lower than 0.525 kg/l	1010	2	
BUTANE	1011	2	
BUTANEDIONE	2346	3	
Butane-1-thiol, see	2347	3	
BUTANOLS	1120	3	
1-Butanol, see	1120	3	
Butan-2-ol, see	1120	3	
Butanol, secondary, see	1120	3	
Butanol, tertiary, see	1120	3	
Butanone, see	1193	3	
2-Butenal, see	1143	6.1	
Butene, see	1012	2	
Bute-1-ene-3-one, see	1251	3	
1,2-Buteneoxide, see	3022	3	
2-Buten-1-ol, see	2614	3	
BUTYL ACETATES	1123	3	
Butyl acetate, secondary, see	1123	3	
BUTYL ACID PHOSPHATE	1718	8	
BUTYL ACRYLATES, STABILIZED	2348	3	
Butyl alcohols, see	1120	3	
n-BUTYLAMINE	1125	3	
N-BUTYLANILINE	2738	6.1	
sec-Butyl benzene, see	2709	3	
BUTYLBENZENES	2709	3	
n-Butyl bromide, see	1126	3	
n-Butyl chloride, see	1127	3	
n-BUTYL CHLOROFORMATE	2743	6.1	
tert-BUTYLCYCLOHEXYL CHLOROFORMATE	2747	6.1	
BUTYLENES MIXTURE or 1-BUTYLENE or CIS-2-BUTYLENE or TRANS-2-BUTYLENE	1012	2	
1,2-BUTYLENE OXIDE, STABILIZED	3022	3	
Butyl ethers, see	1149	3	
Butyl ethyl ether, see	1179	3	
n-BUTYL FORMATE	1128	3	
tert-BUTYL HYPOCHLORITE	3255	4.2	Carriage prohibited
N,n-BUTYLIMIDAZOLE	2690	6.1	
N,n-Butyliminazole, see	2690	6.1	
n-BUTYL ISOCYANATE	2485	6.1	
tert-BUTYL ISOCYANATE	2484	6.1	
Butyl lithium, see	2445	4.2	
BUTYL MERCAPTAN	2347	3	
n-BUTYL METHACRYLATE, STABILIZED	2227	3	
BUTYL METHYL ETHER	2350	3	
BUTYL NITRITES	2351	3	

Name and description	UN No.	Class	Remarks
Butylphenols, liquid, see	3145	8	
Butylphenols, solid, see	2430	8	
BUTYL PROPIONATES	1914	3	
p-tert-Butyltoluene, see	2667	6.1	
BUTYLTOLUENES	2667	6.1	
BUTYLTRICHLOROSILANE	1747	8	
5-tert-BUTYL-2,4,6-TRINITRO-m-XYLENE	2956	4.1	
BUTYL VINYL ETHER, STABILIZED	2352	3	
But-1-yne, see	2452	2	
1,4-BUTYNEDIOL	2716	6.1	
2-Butyne-1,4-diol, see	2716	6.1	
BUTYRALDEHYDE	1129	3	
BUTYRALDOXIME	2840	3	
BUTYRIC ACID	2820	8	
BUTYRIC ANHYDRIDE	2739	8	
Butyrone, see	2710	3	
BUTYRONITRILE	2411	3	
Butyroyl chloride, see	2353	3	
BUTYRYL CHLORIDE	2353	3	
Cable cutters, explosive, see	0070	1	
CACODYLIC ACID	1572	6.1	
CADMIUM COMPOUND	2570	6.1	
CAESIUM	1407	4.3	
CAESIUM HYDROXIDE	2682	8	
CAESIUM HYDROXIDE SOLUTION	2681	8	
CAESIUM NITRATE	1451	5.1	
Caffeine, see	1544	6.1	
Cajeputene, see	2052	3	
CALCIUM	1401	4.3	
CALCIUM ALLOYS, PYROPHORIC	1855	4.2	
CALCIUM ARSENATE	1573	6.1	
CALCIUM ARSENATE AND CALCIUM ARSENITE MIXTURE, SOLID	1574	6.1	
Calcium bisulphite solution, see	2693	8	
CALCIUM CARBIDE	1402	4.3	
CALCIUM CHLORATE	1452	5.1	
CALCIUM CHLORATE, AQUEOUS SOLUTION	2429	5.1	
CALCIUM CHLORITE	1453	5.1	
CALCIUM CYANAMIDE with more than 0.1% calcium carbide	1403	4.3	
CALCIUM CYANIDE	1575	6.1	
CALCIUM DITHIONITE	1923	4.2	
CALCIUM HYDRIDE	1404	4.3	
CALCIUM HYDROSULPHITE, see	1923	4.2	
CALCIUM HYPOCHLORITE, DRY	1748	5.1	
CALCIUM HYPOCHLORITE, HYDRATED with not less than 5.5% but not more than 10% water	2880	5.1	
CALCIUM HYPOCHLORITE, HYDRATED MIXTURE with not less than 5.5% but not more than 10% water	2880	5.1	
CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 10% but not more than 39% available chlorine	2208	5.1	
CALCIUM HYPOCHLORITE MIXTURE, DRY with more than 39% available chlorine (8.8% available oxygen)	1748	5.1	

Name and description	UN No.	Class	Remarks
CALCIUM MANGANESE SILICON	2844	4.3	
CALCIUM NITRATE	1454	5.1	
Calcium oxide	1910	8	Not subject to ADR
CALCIUM PERCHLORATE	1455	5.1	
CALCIUM PERMANGANATE	1456	5.1	
CALCIUM PEROXIDE	1457	5.1	
CALCIUM PHOSPHIDE	1360	4.3	
CALCIUM, PYROPHORIC	1855	4.2	
CALCIUM RESINATE	1313	4.1	
CALCIUM RESINATE, FUSED	1314	4.1	
Calcium selenate, see	2630	6.1	
CALCIUM SILICIDE	1405	4.3	
Calcium silicon, see	1405	4.3	
Calcium superoxide, see	1457	5.1	
Camphanone, see	2717	4.1	
CAMPHOR OIL	1130	3	
CAMPHOR, synthetic	2717	4.1	
CAPROIC ACID	2829	8	
CARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	2758	3	
CARBAMATE PESTICIDE, LIQUID, TOXIC	2992	6.1	
CARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	2991	6.1	
CARBAMATE PESTICIDE, SOLID, TOXIC	2757	6.1	
Carbolic acid, see	1671	6.1	
	2312	6.1	
	2821	6.1	
CARBON, animal or vegetable origin	1361	4.2	
CARBON, ACTIVATED	1362	4.2	
Carbon bisulphide, see	1131	3	
Carbon black (animal or vegetable origin), see	1361	4.2	
CARBON DIOXIDE	1013	2	
Carbon dioxide and ethylene oxide mixture, see	1041	2	
	1952	2	
	3300	2	
CARBON DIOXIDE AND NITROUS OXIDE MIXTURE	1015	2	
CARBON DIOXIDE AND OXYGEN MIXTURE, COMPRESSED	1014	2	
CARBON DIOXIDE, REFRIGERATED LIQUID	2187	2	
Carbon dioxide, solid	1845	9	Not subject to ADR
CARBON DISULPHIDE	1131	3	
Carbonic anhydride, see	1013	2	
	1845	9	
	2187	2	
CARBON MONOXIDE, COMPRESSED	1016	2	
CARBON MONOXIDE AND HYDROGEN MIXTURE, COMPRESSED	2600	2	
Carbon oxysulphide, see	2204	2.3	
CARBON TETRABROMIDE	2516	6.1	
CARBON TETRACHLORIDE	1846	6.1	
Carbonyl chloride, see	1076	2	
CARBONYL FLUORIDE, COMPRESSED	2417	2	
CARBONYL SULPHIDE	2204	2	
Cartridge cases, empty, primed, see	0055	1	
	0379	1	

Name and description	UN No.	Class	Remarks
Cartridges, actuating, for fire extinguisher or apparatus valve, see	0275	1	
	0276	1	
	0323	1	
	0381	1	
Cartridges, explosive, see	0048	1	
CARTRIDGES, FLASH	0049	1	
	0050	1	
CARTRIDGES FOR WEAPONS with bursting charge	0005	1	
	0006	1	
	0007	1	
	0321	1	
	0348	1	
	0412	1	
CARTRIDGES FOR WEAPONS, BLANK	0014	1	
	0326	1	
	0327	1	
	0338	1	
	0413	1	
CARTRIDGES FOR WEAPONS, INERT PROJECTILE	0012	1	
	0328	1	
	0339	1	
	0417	1	
Cartridges, illuminating, see	0171	1	
	0254	1	
	0297	1	
CARTRIDGES, OIL WELL	0277	1	
	0278	1	
CARTRIDGES, POWER DEVICE	0275	1	
	0276	1	
	0323	1	
	0381	1	
CARTRIDGES, SIGNAL	0054	1	
	0312	1	
	0405	1	
CARTRIDGES, SMALL ARMS	0012	1	
	0339	1	
	0417	1	
CARTRIDGES, SMALL ARMS, BLANK	0014	1	
	0327	1	
	0338	1	
Cartridges, starter, jet engine, see	0275	1	
	0276	1	
	0323	1	
	0381	1	
CASES, CARTRIDGE, EMPTY, WITH PRIMER	0055	1	
	0379	1	
CASES, COMBUSTIBLE, EMPTY, WITHOUT PRIMER	0446	1	
	0447	1	
Casinghead gasoline, see	1203	3	
CASTOR BEANS	2969	9	
CASTOR FLAKE	2969	9	
CASTOR MEAL	2969	9	
CASTOR POMACE	2969	9	
CAUSTIC ALKALI LIQUID, N.O.S.	1719	8	
Caustic potash, see	1814	8	
Caustic soda, see	1824	8	
Caustic soda liquor, see	1824	8	
CELLS, CONTAINING SODIUM	3292	4.3	
CELLULOID in block, rods, rolls, sheets, tubes, etc., except scrap	2000	4.1	
CELLULOID, SCRAP	2002	4.2	
Cement, see	1133	3	
CERIUM, slabs, ingots or rods	1333	4.1	
CERIUM, turnings or gritty powder	3078	4.3	
Cer mishmetall, see	1323	4.1	
Charcoal, activated, see	1362	4.1	
Charcoal, non-activated, see	1361	4.2	
CHARGES, BURSTING, PLASTICS BONDED	0457	1	
	0458	1	
	0459	1	
	0460	1	
CHARGES, DEMOLITION	0048	1	
CHARGES, DEPTH	0056	1	

Name and description	UN No.	Class	Remarks
Charges, expelling, explosive, for fire extinguishers, see	0275	1	
	0276	1	
	0323	1	
	0381	1	
CHARGES, EXPLOSIVE, COMMERCIAL without detonator	0442	1	
	0443	1	
	0444	1	
	0445	1	
CHARGES, PROPELLING	0271	1	
	0272	1	
	0415	1	
	0491	1	
CHARGES, PROPELLING, FOR CANNON	0242	1	
	0279	1	
	0414	1	
CHARGES, SHAPED, FLEXIBLE, LINEAR	0237	1	
	0288	1	
CHARGES, SHAPED, without detonator	0059	1	
	0439	1	
	0440	1	
	0441	1	
CHARGES, SUPPLEMENTARY, EXPLOSIVE	0060	1	
CHEMICAL KIT	3316	9	
CHEMICAL SAMPLE, TOXIC, liquid or solid	3315	6.1	
Chile saltpetre, see	1498	5.1	
CHLORAL, ANHYDROUS, STABILIZED	2075	6.1	
CHLORATE AND BORATE MIXTURE	1458	5.1	
CHLORATE AND MAGNESIUM CHLORIDE MIXTURE	1459	5.1	
CHLORATES, INORGANIC, N.O.S.	1461	5.1	
CHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	3210	5.1	
CHLORIC ACID, AQUEOUS SOLUTION with not more than 10% chloric acid	2626	5.1	

Name and description	UN No.	Class	Remarks
CHLORINE	1017	2	
CHLORINE PENTAFLUORIDE	2548	2	
CHLORINE TRIFLUORIDE	1749	2	
CHLORITES, INORGANIC, N.O.S.	1462	5.1	
CHLORITE SOLUTION	1908	8	
Chloroacetaldehyde, see	2232	6.1	
CHLOROACETIC ACID, MOLTEN	3250	6.1	
CHLOROACETIC ACID, SOLID	1751	6.1	
CHLOROACETIC ACID SOLUTION	1750	6.1	
CHLOROACETONE, STABILIZED	1695	6.1	
CHLOROACETONITRILE	2668	6.1	
CHLOROACETOPHENONE	1697	6.1	
CHLOROACETYL CHLORIDE	1752	6.1	
CHLOROANILINES, LIQUID	2019	6.1	
CHLOROANILINES, SOLID	2018	6.1	
CHLOROANISIDINES	2233	6.1	
CHLOROBENZENE	1134	3	
CHLOROBENZOTRIFLUORIDES	2234	3	
CHLOROBENZYL CHLORIDES	2235	6.1	
1-Chloro-3-bromopropane, see	2688	6.1	
1-Chlorobutane, see	1127	3	
2-Chlorobutane, see	1127	3	
CHLOROBUTANES	1127	3	
CHLOROCRESOLS, liquid	2669	6.1	
CHLOROCRESOLS, solid	2669	6.1	

Name and description	UN No.	Class	Remarks
CHLORODIFLUOROBROMOMETHANE	1974	2	
1-CHLORO-1,1-DIFLUOROETHANE	2517	2	
CHLORODIFLUOROMETHANE	1018	2	
CHLORODIFLUOROMETHANE AND CHLOROPENTAFLUOROETHANE MIXTURE with fixed boiling point, with approximately 49% chlorodifluoromethane	1973	2	
3-Chloro-1,2-dihydroxypropane, see	2689	6.1	
Chlorodimethyl ether, see	1239	6.1	
CHLORODINITROBENZENES, LIQUID	1577	6.1	
CHLORODINITROBENZENES, SOLID	1577	6.1	
2-CHLOROETHANAL	2232	6.1	
Chloroethane, see	1037	2	
Chloroethane nitrile, see	2668	6.1	
2-Chloroethanol, see	1135	6.1	
CHLOROFORM	1888	6.1	
CHLOROFORMATES, TOXIC, CORROSIVE, N.O.S.	3277	6.1	
CHLOROFORMATES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	2742	6.1	
Chloromethane, see	1063	2	
1-Chloro-3-methylbutane, see	1107	3	
2-Chloro-2-methylbutane, see	1107	3	
CHLOROMETHYL CHLOROFORMATE	2745	6.1	
Chloromethyl cyanide, see	2668	6.1	
CHLOROMETHYL ETHYL ETHER	2354	3	
Chloromethyl methyl ether, see	1239	6.1	
3-CHLORO-4-METHYLPHENYL ISOCYANATE	2236	6.1	
3-Chloro-2-methylprop-1-ene, see	2554	3	
CHLORONITROANILINES	2237	6.1	
CHLORONITROBENZENES	1578	6.1	
CHLORONITROTOLUENES, LIQUID	2433	6.1	
CHLORONITROTOLUENES, SOLID	2433	6.1	
CHLOROPENTAFLUOROETHANE	1020	2	
CHLOROPHENOLATES, LIQUID	2904	8	
CHLOROPHENOLATES, SOLID	2905	8	
CHLOROPHENOLS, LIQUID	2021	6.1	
CHLOROPHENOLS, SOLID	2020	6.1	
CHLOROPHENYLTRICHLOROSILANE	1753	8	
CHLOROPICRIN	1580	6.1	
CHLOROPICRIN AND METHYL BROMIDE MIXTURE	1581	2	
CHLOROPICRIN AND METHYL CHLORIDE MIXTURE	1582	2	
CHLOROPICRIN MIXTURE, N.O.S.	1583	6.1	
CHLOROPLATINIC ACID, SOLID	2507	8	
CHLOROPRENE, STABILIZED	1991	3	
2-CHLOROPROPANE	2356	3	
3-Chloro-propanediol-1,2, see	2689	6.1	
3-CHLOROPROPANOL-1	2849	6.1	

Name and description	UN No.	Class	Remarks
2-CHLOROPROPENE	2456	3	
3-Chloropropene, see	1100	3	
3-Chloroprop-1-ene, see	1100	3	
2-CHLOROPROPIONIC ACID, SOLID	2511	8	
2-CHLOROPROPIONIC ACID, SOLUTION	2511	8	
2-CHLOROPYRIDINE	2822	6.1	
CHLOROSILANES, CORROSIVE, N.O.S.	2987	8	
CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S.	2986	8	
CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.	2985	3	
CHLOROSILANES, WATER-REACTIVE, FLAMMABLE, CORROSIVE, N.O.S.	2988	4.3	
CHLOROSULPHONIC ACID (with or without sulphur trioxide)	1754	8	
1-CHLORO-1,2,2,2-TETRAFLUOROETHANE	1021	2	
CHLOROTOLUENES	2238	3	
4-CHLORO-o-TOLUIDINE HYDROCHLORIDE	1579	6.1	
CHLOROTOLUIDINES	2239	6.1	
1-CHLORO-2,2,2-TRIFLUOROETHANE	1983	2	
Chlorotrifluoroethylene, see	1082	2	
CHLOROTRIFLUORO-METHANE	1022	2	
CHLOROTRIFLUORO-METHANE AND TRIFLUOROMETHANE AZEOTROPIC MIXTURE with approximately 60% chlorotrifluoromethane	2599	2	
Chromic acid, solid, see	1463	5.1	
CHROMIC ACID SOLUTION	1755	8	
Chromic anhydride, solid, see	1463	5.1	
CHROMIC FLUORIDE, SOLID	1756	8	
CHROMIC FLUORIDE SOLUTION	1757	8	
Chromic nitrate, see	2720	5.1	
Chromium (VI) dichloride dioxide, see	1758	8	
Chromium (III) fluoride, solid, see	1756	8	
CHROMIUM NITRATE	2720	5.1	
Chromium (III) nitrate, see	2720	5.1	
CHROMIUM OXYCHLORIDE	1758	8	
CHROMIUM TRIOXIDE, ANHYDROUS	1463	5.1	
CHROMOSULPHURIC ACID	2240	8	
Chryosotile, see	2590	9	
Cinene, see	2052	3	
Cinnamene, see	2055	3	
Cinnamol, see	2055	3	
CLINICAL WASTE, UNSPECIFIED, N.O.S.	3291	6.2	
COAL GAS, COMPRESSED	1023	2	
COAL TAR DISTILLATES, FLAMMABLE	1136	3	
Coal tar naphtha, see	1268	3	
Coal tar oil, see	1136	3	
COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)	1139	3	
COBALT NAPHTHENATES, POWDER	2001	4.1	

Name and description	UN No.	Class	Remarks
COBALT RESINATE, PRECIPITATED	1318	4.1	
Cocculus, see	3172	6.1	
Collodion cotons, see	0340	1	
	0341	1	
	0342	1	
	2059	3	
	2555	4.1	
	2556	4.1	
	2557	4.1	
COMPONENTS, EXPLOSIVE TRAIN, N.O.S.	0382	1	
	0383	1	
	0384	1	
	0461	1	
Composition B, see	0118	1	
COMPRESSED GAS, N.O.S.	1956	2	
COMPRESSED GAS, FLAMMABLE, N.O.S.	1954	2	
COMPRESSED GAS, OXIDIZING, N.O.S.	3156	2	
COMPRESSED GAS, TOXIC, N.O.S.	1955	2	
COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S.	3304	2	
COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S.	1953	2	
COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	3305	2	
COMPRESSED GAS, TOXIC, OXIDIZING, N.O.S.	3303	2	
COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	3306	2	
CONTRIVANCES, WATER-ACTIVATED with burster, expelling charge or propelling charge	0248	1	
	0249	1	
COPPER ACETOARSENITE	1585	6.1	
COPPER ARSENITE	1586	6.1	
Copper (II) arsenite, see	1586	6.1	
COPPER BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	2776	3	
COPPER BASED PESTICIDE, LIQUID, TOXIC	3010	6.1	
COPPER BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	3009	6.1	
COPPER BASED PESTICIDE, SOLID, TOXIC	2775	6.1	
COPPER CHLORATE	2721	5.1	
Copper (II) chlorate, see	2721	5.1	
COPPER CHLORIDE	2802	8	
COPPER CYANIDE	1587	6.1	
Copper selenate, see	2630	6.1	
Copper selenite, see	2630	6.1	
COPRA	1363	4.2	
CORD, DETONATING, flexible	0065	1	
	0289	1	
CORD, DETONATING, metal clad	0102	1	
	0290	1	
CORD, DETONATING, MILD EFFECT, metal clad	0104	1	
CORD, IGNITER	0066	1	
Cordite, see	0160	1	
	0161	1	
CORROSIVE LIQUID, N.O.S.	1760	8	
CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.	3264	8	
CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	3265	8	
CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.	3266	8	
CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.	3267	8	

Name and description	UN No.	Class	Remarks
CORROSIVE LIQUID, FLAMMABLE, N.O.S.	2920	8	
CORROSIVE LIQUID, OXIDIZING, N.O.S.	3093	8	
CORROSIVE LIQUID, SELF-HEATING, N.O.S.	3301	8	
CORROSIVE LIQUID, TOXIC, N.O.S.	2922	8	
CORROSIVE LIQUID, WATER-REACTIVE, N.O.S.	3094	8	
CORROSIVE SOLID, N.O.S.	1759	8	
CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.	3260	8	
CORROSIVE SOLID, ACIDIC, ORGANIC, N.O.S.	3261	8	
CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.	3262	8	
CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.	3263	8	
CORROSIVE SOLID, FLAMMABLE, N.O.S.	2921	8	
CORROSIVE SOLID, OXIDIZING, N.O.S.	3084	8	
CORROSIVE SOLID, SELF-HEATING, N.O.S.	3095	8	
CORROSIVE SOLID, TOXIC, N.O.S.	2923	8	
CORROSIVE SOLID, WATER-REACTIVE, N.O.S.	3096	8	
COTTON WASTE, OILY	1364	4.2	
COTTON, WET	1365	4.2	
COUMARIN DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3024	3	
COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC	3026	6.1	
COUMARIN DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	3025	6.1	
COUMARIN DERIVATIVE PESTICIDE, SOLID, TOXIC	3027	6.1	
Creosote, see	2810	6.1	
Creosote salts, see	1334	4.1	
CRESOLS, LIQUID	2076	6.1	
CRESOLS, SOLID	2076	6.1	
CRESYLIC ACID	2022	6.1	
Crocidolite, see	2212	9	
CROTONALDEHYDE, STABILIZED	1143	6.1	
CROTONIC ACID	2823	8	
Crotonic aldehyde, stabilized, see	1143	6.1	
CROTONYLENE	1144	3	
Crude naphtha, see	1268	3	
Cumene, see	1918	3	
Cupric chlorate, see	2721	5.1	
CUPRIETHYLENEDIAMINE SOLUTION	1761	8	
Cut backs, see	1999	3	
CUTTERS, CABLE, EXPLOSIVE	0070	1	
CYANIDE SOLUTION, N.O.S.	1935	6.1	
CYANIDES, INORGANIC, SOLID, N.O.S.	1588	6.1	
Cyanides, organic, flammable, toxic, n.o.s., see	3273	3	
Cyanides, organic, toxic, n.o.s., see	3276	6.1	
Cyanides, organic, toxic, flammable, n.o.s., see	3275	6.1	
Cyanoacetonitrile, see	2647	6.1	

Name and description	UN No.	Class	Remarks
CYANOGEN	1026	2	
CYANOGEN BROMIDE	1889	6.1	
CYANOGEN CHLORIDE, STABILIZED	1589	2	
CYANURIC CHLORIDE	2670	8	
CYCLOBUTANE	2601	2	
CYCLOBUTYL CHLOROFORMATE	2744	6.1	
1,5,9-CYCLODODECA-TRIENE	2518	6.1	
CYCLOHEPTANE	2241	3	
CYCLOHEPTATRIENE	2603	3	
1,3,5-Cycloheptatriene, see	2603	3	
CYCLOHEPTENE	2242	3	
1,4-Cyclohexadienedione, see	2587	6.1	
CYCLOHEXANE	1145	3	
Cyclehexanethiol, see	3054	3	
CYCLOHEXANONE	1915	3	
CYCLOHEXENE	2256	3	
CYCLOHEXENYLTRI-CHLOROSILANE	1762	8	
CYCLOHEXYL ACETATE	2243	3	
CYCLOHEXYLAMINE	2357	8	
CYCLOHEXYL ISOCYANATE	2488	6.1	
CYCLOHEXYL MERCAPTAN	3054	3	
CYCLOHEXYLTRICHLORO-SILANE	1763	8	
CYCLONITE AND CYCLOTETRAMETHYLENE-TETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass or DESENSITIZED with not less than 10% phlegmatiser by mass, see	0391	1	
CYCLONITE, DESENSITIZED, see	0483	1	
CYCLONITE, WETTED with not less than 15% water, by mass, see	0072	1	
CYCLOOCTADIENES	2520	3	
CYCLOOCTADIENE PHOSPHINES, see	2940	4.2	
CYCLOOCTATETRAENE	2358	3	
CYCLOPENTANE	1146	3	
CYCLOPENTANOL	2244	3	
CYCLOPENTANONE	2245	3	
CYCLOPENTENE	2246	3	
CYCLOPROPANE	1027	2	
CYCLOTETRAMETHYLENE-TETRANITRAMINE, DESENSITIZED	0484	1	
CYCLOTETRAMETHYLENE-TETRANITRAMINE, WETTED with not less than 15% water, by mass	0226	1	
CYCLOTRIMETHYLENE-TRINITRAMINE AND CYCLOTETRAMETHYLENE-TETRANITRAMINE MIXTURE, DESENSITIZED with not less than 10% phlegmatiser by mass	0391	1	
CYCLOTRIMETHYLENE-TRINITRAMINE AND CYCLOTETRAMETHYLENE-TETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass	0391	1	
CYCLOTRIMETHYLENE-TRINITRAMINE, DESENSITIZED	0483	1	
CYCLOTRIMETHYLENE-TRINITRAMINE, WETTED with not less than 15% water, by mass	0072	1	
CYMENES	2046	3	

Name and description	UN No.	Class	Remarks
Cymol, see	2046	3	
Deanol, see	2051	8	
DECABORANE	1868	4.1	
DECAHYDRONAPHTHALENE	1147	3	
Decalin, see	1147	3	
n-DECANE	2247	3	
DEFLAGRATING METAL SALTS OF AROMATIC NITRODERIVATIVES, N.O.S.	0132	1	
Depth charge, see	0056	1	
Detonating relays, see	0029	1	
	0267	1	
	0360	1	
	0361	1	
	0455	1	
	0500	1	
DETONATOR ASSEMBLIES, NON-ELECTRIC for blasting	0360	1	
	0361	1	
	0500	1	
DETONATORS FOR AMMUNITION	0073	1	
	0364	1	
	0365	1	
	0366	1	
DETONATORS, ELECTRIC for blasting	0030	1	
	0255	1	
	0456	1	
DETONATORS, NON-ELECTRIC for blasting	0029	1	
	0267	1	
	0455	1	
DEUTERIUM, COMPRESSED	1957	2	
DEVICES, SMALL, HYDROCARBON GAS POWERED with release device	3150	2	
DIACETONE ALCOHOL	1148	3	
DIALLYLAMINE	2359	3	
DIALLYL ETHER	2360	3	
4,4'-DIAMINODIPHENYLMETHANE	2651	6.1	
1,2-Diaminoethane, see	1604	8	
Diaminopropylamine, see	2269	8	
DI-n-AMYLAMINE	2841	3	
DIAZODINITROPHENOL, WETTED with not less than 40% water, or mixture of alcohol and water, by mass	0074	1	
Dibenzopyridine, see	2713	6.1	
DIBENZYLDICHLOROSILANE	2434	8	
DIBORANE, COMPRESSED	1911	2	
1,2-DIBROMOBUTAN-3-ONE	2648	6.1	
DIBROMOCHLOROPROPANES	2872	6.1	
1,2-Dibromo-3-chloropropane, see	2872	6.1	
DIBROMODIFLUOROMETHANE	1941	9	
DIBROMOMETHANE	2664	6.1	
DI-n-BUTYLAMINE	2248	8	
DIBUTYLAMINOETHANOL	2873	6.1	
2-Dibutylaminoethanol, see	2873	6.1	
N,N-Di-n-butylaminoethanol, see	2873	6.1	
DIBUTYL ETHERS	1149	3	
DICHLOROACETIC ACID	1764	8	
1,3-DICHLOROACETONE	2649	6.1	
DICHLOROACETYL CHLORIDE	1765	8	
DICHLOROANILINES, LIQUID	1590	6.1	
DICHLOROANILINES, SOLID	1590	6.1	
o-DICHLOROBENZENE	1591	6.1	
2,2'-DICHLORODIETHYL ETHER	1916	6.1	

Name and description	UN No.	Class	Remarks
DICHLORODIFLUORO-METHANE	1028	2	
DICHLORODIFLUORO-METHANE AND DIFLUOROETHANE AZEOTROPIC MIXTURE with approximately 74% dichlorodifluoromethane	2602	2	
Dichlorodifluoromethane and ethylene oxide mixture, see	3070	2	
DICHLORODIMETHYL ETHER, SYMMETRICAL	2249	6.1	Carriage prohibited
1,1-DICHLOROETHANE	2362	3	
1,2-Dichloroethane, see	1184	3	
1,2-DICHLOROETHYLENE	1150	3	
Di(2-chloroethyl) ether, see	1916	6.1	
DICHLOROFLUORO-METHANE	1029	2	
alpha-Dichlorohydrin, see	2750	6.1	
DICHLOROISOCYANURIC ACID, DRY	2465	5.1	
DICHLOROISOCYANURIC ACID SALTS	2465	5.1	
DICHLOROISOPROPYL ETHER	2490	6.1	
DICHLOROMETHANE	1593	6.1	
1,1-DICHLORO-1-NITROETHANE	2650	6.1	
DICHLOROPENTANES	1152	3	
Dichlorophenol, see	2020 2021	6.1 6.1	
DICHLOROPHENYL ISOCYANATES	2250	6.1	
DICHLOROPHENYLTRI-CHLOROSILANE	1766	8	
1,2-DICHLOROPROPANE	1279	3	
1,3-DICHLOROPROPANOL-2	2750	6.1	
1,3-Dichloro-2-propanone, see	2649	6.1	
DICHLOROPROPENES	2047	3	
DICHLOROSILANE	2189	2	
1,2-DICHLORO-1,1,2,2-TETRAFLUOROETHANE	1958	2	
Dichloro-s-triazine-2,4,6-trione, see	2465	5.1	
1,4-Dicyanobutane, see	2205	6.1	
Dicycloheptadiene, see	2251	3	
DICYCLOHEXYLAMINE	2565	8	
Dicyclohexylamine nitrite, see	2687	4.1	
DICYCLOHEXYLAMMO-NIUM NITRITE	2687	4.1	
DICYCLOPENTADIENE	2048	3	
1,2-DI-(DIMETHYLAMINO) ETHANE	2372	3	
DIDYMIUM NITRATE	1465	5.1	
DIESEL FUEL	1202	3	
1,1-Diethoxyethane, see	1088	3	
1,2-Diethoxyethane, see	1153	3	
DIETHOXYMETHANE	2373	3	
3,3-DIETHOXYPROPENE	2374	3	
DIETHYLAMINE	1154	3	
2-DIETHYLAMINO-ETHANOL	2686	8	
DIETHYLAMINOPROPYL-AMINE	2684	3	
N,N-DIETHYLANILINE	2432	6.1	
DIETHYLBENZENE	2049	3	
Diethylcarbinol, see	1105	3	
DIETHYL CARBONATE	2366	3	
DIETHYLDICHLOROSILANE	1767	8	
Diethylenediamine, see	2579	8	

Name and description	UN No.	Class	Remarks
DIETHYLENEGLYCOL DINITRATE, DESENSITIZED with not less than 25% non-volatile, water-insoluble phlegmatizer, by mass	0075	1	
DIETHYLENETRIAMINE	2079	8	
N,N-Diethylethanolamine, see	2686	3	
DIETHYL ETHER	1155	3	
N,N-DIETHYLETHYLENE-DIAMINE	2685	8	
Di-(2-ethylhexyl) phosphoric acid, see	1902	8	
DIETHYL KETONE	1156	3	
DIETHYL SULPHATE	1594	6.1	
DIETHYL SULPHIDE	2375	3	
DIETHYLTHIOPHOSPHORYL CHLORIDE	2751	8	
DIETHYLZINC	1366	4.2	
2,4-Difluoroaniline, see	2941	6.1	
Difluorochloroethane, see	2517	2	
1,1-DIFLUOROETHANE	1030	2	
1,1-DIFLUOROETHYLENE	1959	2	
DIFLUOROMETHANE	3252	2	
Difluoro methane, pentafluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 10% difluoromethane and 70% pentafluoroethane, see	3339	2	
Difluoromethane, pentafluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 20% difluoromethane and 40% pentafluoroethane, see	3338	2	
Difluoromethane, pentafluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 23%difluoromethane and 25% pentafluoroethane, see	3340	2	
DIFLUOROPHOSPHORIC ACID, ANHYDROUS	1768	8	
2,3-DIHYDROPYRAN	2376	3	
p-Dihydroxybenzene, see	2662	6.1	
DIISOBUTYLAMINE	2361	3	
DIISOBUTYLENE, ISOMERIC COMPOUNDS	2050	3	
alpha-Diisobutylene, see	2050	3	
beta-Diisobutylene, see	2050	3	
DIISOBUTYL KETONE	1157	3	
DIISOOCTYL ACID PHOSPHATE	1902	8	
DIISOPROPYLAMINE	1158	3	
DIISOPROPYL ETHER	1159	3	
DIKETENE, STABILIZED	2521	6.1	
1,1-DIMETHOXYETHANE	2377	3	
1,2-DIMETHOXYETHANE	2252	3	
Dimethoxystrychnine, see	1570	6.1	
DIMETHYLAMINE, ANHYDROUS	1032	2	
DIMETHYLAMINE AQUEOUS SOLUTION	1160	3	
2-DIMETHYLAMINO-ACETONITRILE	2378	3	
2-DIMETHYLAMINO-ETHANOL	2051	8	
2-DIMETHYLAMINOETHYL ACRYLATE	3302	6.1	
2-DIMETHYLAMINOETHYL METHACRYLATE	2522	6.1	

Name and description	UN No.	Class	Remarks
N,N-DIMETHYLANILINE	2253	6.1	
Dimethylarsenic acid, see	1572	6.1	
N,N-Dimethylbenzylamine, see	2619	8	
2,3-DIMETHYLBUTANE	2457	3	
1,3-DIMETHYLBUTYLAMINE	2379	3	
DIMETHYLCARBAMOYL CHLORIDE	2262	8	
DIMETHYL CARBONATE	1161	3	
DIMETHYLCYCLOHEXANES	2263	3	
DIMETHYLCYCLO-HEXYLAMINE	2264	8	
DIMETHYLDICHLORO-SILANE	1162	3	
DIMETHYLDIETHOXY-SILANE	2380	3	
DIMETHYLDIOXANES	2707	3	
DIMETHYL DISULPHIDE	2381	3	
Dimethylethanolamine, see	2051	8	
DIMETHYL ETHER	1033	2	
N,N-DIMETHYL-FORMAMIDE	2265	3	
DIMETHYLHYDRAZINE, SYMMETRICAL	2382	6.1	
DIMETHYLHYDRAZINE, UNSYMMETRICAL	1163	6.1	
1,1-Dimethylhydrazine, see	1163	6.1	
N,N-Dimethyl-4-nitrosoaniline, see	1369	4.2	
2,2-DIMETHYLPROPANE	2044	2	
DIMETHYL-N-PROPYLAMINE	2266	3	
DIMETHYL SULPHATE	1595	6.1	
DIMETHYL SULPHIDE	1164	3	
DIMETHYL THIOPHOSPHORYL CHLORIDE	2267	6.1	
DIMETHYLZINC	1370	4.2	
DINGU, see	0489	1	
DINITROANILINES	1596	6.1	
DINITROBENZENES, LIQUID	1597	6.1	
DINITROBENZENES, SOLID	1597	6.1	
Dinitrochlorobenzene, see	1577	6.1	
DINITRO-o-CRESOL	1598	6.1	
DINITROGEN TETROXIDE	1067	2	
DINITROGLYCOLURIL	0489	1	
DINITROPHENOL, dry or wetted with less than 15% water, by mass	0076	1	
DINITROPHENOL SOLUTION	1599	6.1	
DINITROPHENOL, WETTED with not less than 15% water, by mass	1320	4.1	
DINITROPHENOLATES, alkali metals, dry or wetted with less than 15% water, by mass	0077	1	
DINITROPHENOLATES, WETTED with not less than 15% water, by mass	1321	4.1	
DINITRORESORCINOL, dry or wetted with less than 15% water, by mass	0078	1	
DINITRORESORCINOL, WETTED with not less than 15% water, by mass	1322	4.1	
DINITROSOBENZENE	0406	1	
Dinitrotoluene mixed with sodium chlorate, see	0083	1	
DINITROTOLUENES, LIQUID	2038	6.1	
DINITROTOLUENES, MOLTEN	1600	6.1	

Name and description	UN No.	Class	Remarks
DINITROTOLUENES, SOLID	2038	6.1	
DIOXANE	1165	3	
DIOXOLANE	1166	3	
DIPENTENE	2052	3	
DIPHENYLAMINE CHLOROARSINE	1698	6.1	
DIPHENYLCHLOROARSINE, LIQUID	1699	6.1	
DIPHENYLCHLOROARSINE, SOLID	1699	6.1	
DIPHENYLDICHLORO-SILANE	1769	8	
DIPHENYLMETHYL BROMIDE	1770	8	
DIPICRYLAMINE, see	0079	1	
DIPICRYL SULPHIDE, dry or wetted with less than 10% water, by mass	0401	1	
DIPICRYL SULPHIDE, WETTED with not less than 10% water, by mass	2852	4.1	
DIPROPYLAMINE	2383	3	
Dipropylene triamine, see	2269	8	
DI-n-PROPYL ETHER	2384	3	
DIPROPYL KETONE	2710	3	
DISINFECTANT, LIQUID, CORROSIVE, N.O.S.	1903	8	
DISINFECTANT, LIQUID, TOXIC, N.O.S.	3142	6.1	
DISINFECTANT, SOLID, TOXIC, N.O.S.	1601	6.1	
DISODIUM TRIOXOSILICATE	3253	8	
DIVINYL ETHER, STABILIZED	1167	3	
DODECYLTRICHLORO-SILANE	1771	8	

Name and description	UN No.	Class	Remarks
Dry ice, see	1845	9	Not subject to ADR
DYE INTERMEDIATE, LIQUID, CORROSIVE, N.O.S.	2801	8	
DYE INTERMEDIATE, LIQUID, TOXIC, N.O.S.	1602	6.1	
DYE INTERMEDIATE, SOLID, CORROSIVE, N.O.S.	3147	8	
DYE INTERMEDIATE, SOLID, TOXIC, N.O.S.	3143	6.1	
DYE, LIQUID, CORROSIVE, N.O.S.	2801	8	
DYE, LIQUID, TOXIC, N.O.S.	1602	6.1	
DYE, SOLID, CORROSIVE, N.O.S.	3147	8	
DYE, SOLID, TOXIC, N.O.S.	3143	6.1	
Dynamite, see	0081	1	
Electric storage batteries, see	2794 2795 2800 3028	8 8 8 8	
Electrolyte (acid or alkaline) for batteries, see	2796 2797	8 8	
ELEVATED TEMPERATURE LIQUID, N.O.S., at or above 100 °C and below its flash-point (including molten metals, molten salts, etc.)	3257	9	
ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flash-point above 61 °C, at or above its flash-point	3256	3	
ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240 °C	3258	9	
Empty battery-vehicle, uncleaned			See 4.3.2.4, 5.1.3 and 5.4.1.1.6

Name and description	UN No.	Class	Remarks
Empty IBC, uncleaned			See 4.1.1.11, 5.1.3 and 5.4.1.1.6
Empty large packaging, uncleaned			See 4.1.1.11, 5.1.3 and 5.4.1.1.6
Empty MEGC, uncleaned			See 4.3.2.4, 5.1.3 and 5.4.1.1.6
Empty packaging, uncleaned			See 4.1.1.11, 5.1.3 and 5.4.1.1.6
Empty receptacle, uncleaned			See 5.1.3 and 5.4.1.1.6
Empty tank, uncleaned			See 4.3.2.4, 5.1.3 and 5.4.1.1.6
Empty vehicle, uncleaned			See 5.1.3 and 5.4.1.1.6
Engines, internal combustion, including when fitted in machinery or vehicles	3166	9	Not subject to ADR
Engines, rocket, see	0250 0322	1 1	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	3082	9	
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	3077	9	
EPIBROMOHYDRIN	2558	6.1	
EPICHLOROHYDRIN	2023	6.1	
1,2-Epoxybutane, stabilized, see	3022	3	
Epoxyethane, see	1040	2	
1,2-EPOXY-3-ETHOXYPROPANE	2752	3	

Name and description	UN No.	Class	Remarks
2,3-Epoxy-1-propanal, see	2622	3	
2,3-Epoxypropyl ethyl ether, see	2752	3	
ESTERS, N.O.S.	3272	3	
ETHANE	1035	2	
ETHANE, REFRIGERATED LIQUID	1961	2	
Ethanethiol, see	2363	3	
ETHANOL	1170	3	
ETHANOL SOLUTION	1170	3	
ETHANOLAMINE	2491	8	
ETHANOLAMINE SOLUTION	2491	8	
Ether, see	1155	3	
ETHERS, N.O.S.	3271	3	
2-Ethoxyethanol, see	1171	3	
2-Ethoxyethyl acetate, see	1172	3	
Ethoxy propane-1, see	2615	3	
ETHYL ACETATE	1173	3	
ETHYLACETYLENE, STABILIZED	2452	2	
ETHYL ACRYLATE, STABILIZED	1917	3	
ETHYL ALCOHOL, see	1170	3	
ETHYL ALCOHOL SOLUTION, see	1170	3	
ETHYLAMINE	1036	2	
ETHYLAMINE, AQUEOUS SOLUTION with not less than 50% but not more than 70% ethylamine	2270	3	
ETHYL AMYL KETONE	2271	3	
N-ETHYLANILINE	2272	6.1	
2-ETHYLANILINE	2273	6.1	
ETHYLBENZENE	1175	3	

Name and description	UN No.	Class	Remarks
N-ETHYL-N-BENZYLANILINE	2274	6.1	
N-ETHYLBENZYL-TOLUIDINES, LIQUID	2753	6.1	
N-ETHYLBENZYL-TOLUIDINES, SOLID	2753	6.1	
ETHYL BORATE	1176	3	
ETHYL BROMIDE	1891	6.1	
ETHYL BROMOACETATE	1603	6.1	
2-ETHYLBUTANOL	2275	3	
ETHYLBUTYL ACETATE	1177	3	
2-Ethylbutyl acetate, see	1177	3	
ETHYL BUTYL ETHER	1179	3	
2-ETHYLBUTYRALDEHYDE	1178	3	
ETHYL BUTYRATE	1180	3	
ETHYL CHLORIDE	1037	2	
ETHYL CHLOROACETATE	1181	6.1	
Ethyl chlorocarbonate, see	1182	6.1	
ETHYL CHLOROFORMATE	1182	6.1	
ETHYL 2-CHLOROPROPIONATE	2935	3	
Ethyl-alpha-chloropropionate, see	2935	3	
ETHYL CHLOROTHIOFORMATE	2826	8	
ETHYL CROTONATE	1862	3	
ETHYLDICHLOROARSINE	1892	6.1	
ETHYLDICHLOROSILANE	1183	4.3	
ETHYLENE, ACETYLENE AND PROPYLENE MIXTURE, REFRIGERATED LIQUID containing at least 71.5% ethylene with not more than 22.5% acetylene and not more than 6% propylene	3138	2	
ETHYLENE CHLOROHYDRIN	1135	6.1	
ETHYLENE, COMPRESSED	1962	2	
ETHYLENEDIAMINE	1604	8	
ETHYLENE DIBROMIDE	1605	6.1	
Ethylene dibromide and methyl bromide, liquid mixture, see	1647	6.1	
ETHYLENE DICHLORIDE	1184	3	
ETHYLENE GLYCOL DIETHYL ETHER	1153	3	
ETHYLENE GLYCOL MONOETHYL ETHER	1171	3	
ETHYLENE GLYCOL MONOETHYL ETHER ACETATE	1172	3	
ETHYLENE GLYCOL MONOMETHYL ETHER	1188	3	
ETHYLENE GLYCOL MONOMETHYL ETHER ACETATE	1189	3	
ETHYLENEIMINE, STABILIZED	1185	6.1	
ETHYLENE OXIDE	1040	2	
ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 87% ethylene oxide	3300	2	
ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with more than 9% but not more than 87% ethylene oxide	1041	2	
ETHYLENE OXIDE AND CARBON DIOXIDE MIXTURE with not more than 9% ethylene oxide	1952	2	
ETHYLENE OXIDE AND CHLOROTETRAFLUORO-ETHANE MIXTURE with not more than 8.8% ethylene oxide	3297	2	
ETHYLENE OXIDE AND DICHLORODIFLUORO-METHANE MIXTURE with not more than 12.5% ethylene oxide	3070	2	

Name and description	UN No.	Class	Remarks
ETHYLENE OXIDE AND PENTAFLUOROETHANE MIXTURE with not more than 7.9% ethylene oxide	3298	2	
ETHYLENE OXIDE AND PROPYLENE OXIDE MIXTURE, not more than 30% ethylene oxide	2983	3	
ETHYLENE OXIDE AND TETRAFLUOROETHANE MIXTURE with not more than 5.6% ethylene oxide	3299	2	
ETHYLENE OXIDE WITH NITROGEN up to a total pressure of 1 MPa (10 bar) at 50 °C	1040	2	
ETHYLENE, REFRIGERATED LIQUID	1038	2	
ETHYL ETHER, see	1155	3	
ETHYL FLUORIDE	2453	2	
ETHYL FORMATE	1190	3	
2-ETHYLHEXYLAMINE	2276	3	
2-ETHYLHEXYL CHLOROFORMATE	2748	6.1	
Ethylidene chloride, see	2362	3	
ETHYL ISOBUTYRATE	2385	3	
ETHYL ISOCYANATE	2481	3	
ETHYL LACTATE	1192	3	
ETHYL MERCAPTAN	2363	3	
ETHYL METHACRYLATE	2277	3	
ETHYL METHYL ETHER	1039	2	
ETHYL METHYL KETONE	1193	3	
ETHYL NITRITE SOLUTION	1194	3	
ETHYL ORTHOFORMATE	2524	3	
ETHYL OXALATE	2525	6.1	
ETHYLPHENYLDICHLORO-SILANE	2435	8	
1-ETHYLPIPERIDINE	2386	3	
ETHYL PROPIONATE	1195	3	
ETHYL PROPYL ETHER	2615	3	
Ethyl silicate, see	1292	3	
Ethyl sulphate, see	1594	6.1	
N-ETHYLTOLUIDINES	2754	6.1	
ETHYLTRICHLOROSILANE	1196	3	
EXPLOSIVE, BLASTING, TYPE A	0081	1	
EXPLOSIVE, BLASTING, TYPE B	0082 0331	1 1	
EXPLOSIVE, BLASTING, TYPE C	0083	1	
EXPLOSIVE, BLASTING, TYPE D	0084	1	
EXPLOSIVE, BLASTING, TYPE E	0241 0332	1 1	
Explosives, emulsion, see	0241 0332	1 1	
Explosive, seismic, see	0081 0082 0083 0331	1 1 1 1	
Explosive, slurry, see	0241 0332	1 1	
Explosive, water gel, see	0241 0332	1 1	
EXTRACTS, AROMATIC, LIQUID	1169	3	
EXTRACTS, FLAVOURING, LIQUID	1197	3	
FABRICS, ANIMAL, N.O.S. with oil	1373	4.2	
FABRICS IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.	1353	4.1	
FABRICS, SYNTHETIC, N.O.S. with oil	1373	4.2	

Name and description	UN No.	Class	Remarks
FABRICS, VEGETABLE, N.O.S. with oil	1373	4.2	
FERRIC ARSENATE	1606	6.1	
FERRIC ARSENITE	1607	6.1	
FERRIC CHLORIDE, ANHYDROUS	1773	8	
FERRIC CHLORIDE SOLUTION	2582	8	
FERRIC NITRATE	1466	5.1	
FERROCERIUM	1323	4.1	
FERROSILICON with 30% or more but less than 90% silicon	1408	4.3	
FERROUS ARSENATE	1608	6.1	
FERROUS METAL BORINGS in a form liable to self-heating	2793	4.2	
FERROUS METAL CUTTINGS in a form liable to self-heating	2793	4.2	
FERROUS METAL SHAVINGS in a form liable to self-heating	2793	4.2	
FERROUS METAL TURNINGS in a form liable to self-heating	2793	4.2	
FERTILIZER AMMONIATING SOLUTION with free ammonia	1043	2	
Fertilizer with ammonium nitrate, n.o.s., see	2072	5.1	
FIBRES, ANIMAL, N.O.S. with oil	1373	4.2	
FIBRES IMPREGNATED WITH WEAKLY NITRATED NITROCELLULOSE, N.O.S.	1353	4.1	
FIBRES, SYNTHETIC, N.O.S. with oil	1373	4.2	
FIBRES, VEGETABLE, N.O.S. with oil	1373	4.2	
Films, nitrocellulose base, from which gelatin has been removed; film scrap, see	2002	4.2	
FILMS, NITROCELLULOSE BASE, gelatin coated, except scrap	1324	4.1	
FIRE EXTINGUISHER CHARGES, corrosive liquid	1774	8	
Fire extinguisher charges, expelling, explosive, see	0275 0276 0323 0381	1 1 1 1	
FIRE EXTINGUISHERS with compressed or liquefied gas	1044	2	
FIRELIGHTERS, SOLID with flammable liquid	2623	4.1	
FIREWORKS	0333 0334 0335 0336 0337	1 1 1 1 1	
FIRST AID KIT	3316	9	
Fischer Tropsch gas, see	2600	2	
Fish meal, stabilized	2216	9	Not subject to ADR
FISH MEAL, UNSTABILIZED	1374	4.2	
Fish scrap, stabilized, see	2216	9	Not subject to ADR
FISH SCRAP, UNSTABILIZED, see	1374	4.2	
Flammable gas in lighters, see	1057	2	
FLAMMABLE LIQUID, N.O.S	1993	3	
FLAMMABLE LIQUID, CORROSIVE, N.O.S.	2924	3	
FLAMMABLE LIQUID, TOXIC, N.O.S.	1992	3	
FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S.	3286	3	
FLAMMABLE SOLID, CORROSIVE, INORGANIC, N.O.S.	3180	4.1	

Name and description	UN No.	Class	Remarks
FLAMMABLE SOLID, CORROSIVE, ORGANIC, N.O.S.	2925	4.1	
FLAMMABLE SOLID, INORGANIC, N.O.S.	3178	4.1	
FLAMMABLE SOLID, ORGANIC, N.O.S.	1325	4.1	
FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	3176	4.1	
FLAMMABLE SOLID, OXIDIZING, N.O.S.	3097	4.1	Carriage prohibited
FLAMMABLE SOLID, TOXIC, INORGANIC, N.O.S.	3179	4.1	
FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S.	2926	4.1	
FLARES, AERIAL	0093	1	
	0403	1	
	0404	1	
	0420	1	
	0421	1	
Flares, aeroplane, see	0093	1	
	0403	1	
	0404	1	
	0420	1	
	0421	1	
Flares, highway,	0191	1	
Flares, distress, small,	0373	1	
Flares, railway or highway, see			
FLARES, SURFACE	0092	1	
	0418	1	
	0419	1	
Flares, water-activated, see	0248	1	
	0249	1	
FLASH POWDER	0094	1	
	0305	1	
Flue dusts, toxic, see	1562	6.1	
Fluoric acid, see	1790	8	
FLUORINE, COMPRESSED	1045	2	
FLUOROACETIC ACID	2642	6.1	
FLUOROANILINES	2941	6.1	

Name and description	UN No.	Class	Remarks
2-Fluoroaniline, see	2941	6.1	
4-Fluoroaniline, see	2941	6.1	
o-Fluoroaniline, see	2941	6.1	
p-Fluoroaniline, see	2941	6.1	
FLUOROBENZENE	2387	3	
FLUOROBORIC ACID	1775	8	
Fluoroethane, see	2453	2	
Fluoroform, see	1984	2	
Fluoromethane, see	2454	2	
FLUOROPHOSPHORIC ACID, ANHYDROUS	1776	8	
FLUOROSILICATES, N.O.S.	2856	6.1	
FLUOROSILICIC ACID	1778	8	
FLUOROSULPHONIC ACID	1777	8	
FLUOROTOLUENES	2388	3	
FORMALDEHYDE SOLUTION with not less than 25% formaldehyde	2209	8	
FORMALDEHYDE SOLUTION, FLAMMABLE	1198	3	
Formalin, see	1198	3	
	2209	8	
Formamidine sulphinic acid, see	3341	4.2	
FORMIC ACID	1779	8	
Formic aldehyde, see	1198	3	
	2209	8	
2-Formyl-3,4-dihydro-2H-pyran, see	2607	3	
FRACTURING DEVICES, EXPLOSIVE without detonator, for oil wells	0099	1	
FUEL, AVIATION, TURBINE ENGINE	1863	3	
Fumaroyl dichloride, see	1780	3	

Name and description	UN No.	Class	Remarks
FUMARYL CHLORIDE	1780	8	
FURALDEHYDES	1199	6.1	
FURAN	2389	3	
FURFURYL ALCOHOL	2874	6.1	
FURFURYLAMINE	2526	3	
Furyl carbinol, see	2874	6.1	
FUSE, DETONATING, metal clad	0102 0290	1 1	
FUSE, DETONATING, MILD EFFECT, metal clad	0104	1	
FUSE, IGNITER, tubular, metal clad	0103	1	
FUSE, NON-DETONATING	0101	1	
FUSEL OIL	1201	3	
FUSE, SAFETY	0105	1	
Fuze, combination, percussion or time, see	0106 0107 0257 0316 0317 0367 0368	1 1 1 1 1 1 1	
FUZES, DETONATING	0106 0107 0257 0367	1 1 1 1	
FUZES, DETONATING with protective features	0408 0409 0410	1 1 1	
FUZES, IGNITING	0316 0317 0368	1 1 1	
GALLIUM	2803	8	
GAS CARTRIDGES without a release device, non-refillable, see	2037	2	
Gas drips, hydrocarbon, see	3295	3	
GAS OIL	1202	3	
GASOLINE	1203	3	
Gasoline, casinghead, see	1203	3	
GAS, REFRIGERATED LIQUID, N.O.S.	3158	2	
GAS, REFRIGERATED LIQUID, FLAMMABLE, N.O.S.	3312	2	
GAS, REFRIGERATED LIQUID, OXIDIZING, N.O.S.	3311	2	
GAS SAMPLE, NON-PRESSURIZED, FLAMMABLE, N.O.S., not refrigerated liquid	3167	2	
GAS SAMPLE, NON-PRESSURIZED, TOXIC, N.O.S., not refrigerated liquid	3169	2	
GAS SAMPLE, NON-PRESSURIZED, TOXIC, FLAMMABLE, N.O.S., not refrigerated liquid	3168	2	
Gelatin, blasting, see	0081	1	
Gelatin, dynamites, see	0081	1	
GENETICALLY MODIFIED MICRO-ORGANISMS	3245	9	
GERMANE	2192	2	
Germanium hydride, see	2192	2	
Glycer-1,3-dichlorohydrin, see	2750	6.1	
GLYCEROL alpha-MONOCHLOROHYDRIN	2689	6.1	
Glyceryl trinitrate, see	0143 0144 1204 3064	1 1 3 3	
GLYCIDALDEHYDE	2622	3	
GRENADES, hand or rifle, with bursting charge	0284 0285 0292 0293	1 1 1 1	
Grenades, illuminating, see	0171 0254 0297	1 1 1	

Name and description	UN No.	Class	Remarks
GRENADES, PRACTICE, hand or rifle	0110	1	
	0318	1	
	0372	1	
	0452	1	
Grenades, smoke, see	0015	1	
	0016	1	
	0245	1	
	0246	1	
	0303	1	
GUANIDINE NITRATE	1467	5.1	
GUANYLNITROSAMINO-GUANYLIDENE HYDRAZINE, WETTED with not less than 30% water, by mass	0113	1	
GUANYLNITROSAMINO-GUANYLTETRAZENE, WETTED with not less than 30% water, or mixture of alcohol and water, by mass	0114	1	
GUNPOWDER, COMPRESSED, see	0028	1	
GUNPOWDER, granular or as a meal, see	0027	1	
GUNPOWDER, IN PELLETS, see	0028	1	
Gutta percha solution, see	1287	3	
HAFNIUM POWDER, DRY	2545	4.2	
HAFNIUM POWDER, WETTED with not less than 25% water	1326	4.1	
Hay	1327	4.1	Not subject to ADR
HEATING OIL, LIGHT	1202	3	
Heavy hydrogen, see	1957	2	
HELIUM, COMPRESSED	1046	2	
HELIUM, REFRIGERATED LIQUID	1963	2	
HEPTAFLUOROPROPANE	3296	2	
n-HEPTALDEHYDE	3056	3	
n-Heptanal, see	3056	3	
HEPTANES	1206	3	
4-Heptanone, see	2710	3	
n-HEPTENE	2278	3	
HEXACHLOROACETONE	2661	6.1	
HEXACHLOROBENZENE	2729	6.1	
HEXACHLOROBUTADIENE	2279	6.1	
Hexachloro-1,3-butadiene, see	2279	6.1	
HEXACHLOROCYCLOPENTADIENE	2646	6.1	
HEXACHLOROPHENE	2875	6.1	
Hexachloro-2-propanone, see	2661	6.1	
HEXADECYLTRICHLOROSILANE	1781	8	
HEXADIENE	2458	3	
HEXAETHYL TETRAPHOSPHATE	1611	6.1	
HEXAETHYL TETRAPHOSPHATE AND COMPRESSED GAS MIXTURE	1612	2	
HEXAFLUOROACETONE	2420	2	
HEXAFLUOROACETONE HYDRATE	2552	6.1	
HEXAFLUOROETHANE, COMPRESSED	2193	2	
HEXAFLUOROPHOSPHORIC ACID	1782	8	
HEXAFLUOROPROPYLENE	1858	2	
Hexahydrocresol, see	2617	3	
Hexahydromethyl phenol, see	2617	3	
HEXALDEHYDE	1207	3	
HEXAMETHYLENEDIAMINE, SOLID	2280	8	

Name and description	UN No.	Class	Remarks
HEXAMETHYLENEDIAMINE SOLUTION	1783	8	
HEXAMETHYLENE DIISOCYANATE	2281	6.1	
HEXAMETHYLENEIMINE	2493	3	
HEXAMETHYLENETETRAMINE	1328	4.1	
Hexamine, see	1328	4.1	
HEXANES	1208	3	
HEXANITRODIPHENYLAMINE	0079	1	
HEXANITROSTILBENE	0392	1	
Hexanoic acid, see	2829	8	
HEXANOLS	2282	3	
1-HEXENE	2370	3	
HEXOGEN AND CYCLOTETRAMETHYLENETETRANITRAMINE MIXTURE, WETTED with not less than 15% water, by mass or DESENSITIZED with not less than 10% phlegmatiser by mass, see	0391	1	
HEXOGEN, DESENSITIZED, see	0483	1	
HEXOGEN, WETTED with not less than 15% water, by mass, see	0072	1	
HEXOLITE, dry or wetted with less than 15% water, by mass	0118	1	
HEXOTOL, dry or wetted with less than 15% water, by mass, see	0118	1	
HEXOTONAL	0393	1	
HEXOTONAL, cast, see	0393	1	
HEXYL, see	0079	1	
HEXYLTRICHLOROSILANE	1784	8	
HMX, see	0391	1	
HMX, DESENSITIZED, see	0484	1	
HMX, WETTED with not less than 15% water, by mass, see	0226	1	
HYDRAZINE, ANHYDROUS	2029	8	
HYDRAZINE, AQUEOUS SOLUTION with not less than 37% but not more than 64% hydrazine, by mass	2030	8	
HYDRAZINE, AQUEOUS SOLUTION with not more than 37% hydrazine, by mass	3293	6.1	
HYDRAZINE HYDRATE	2030	8	
Hydrides, metal, water-reactive, n.o.s., see	1409	4.3	
Hydriodic acid, anhydrous, see	2197	2	
HYDRIODIC ACID	1787	8	
HYDROBROMIC ACID	1788	8	
HYDROCARBON GAS MIXTURE, COMPRESSED, N.O.S.	1964	2	
HYDROCARBON GAS MIXTURE, LIQUEFIED, N.O.S. such as mixtures A, A01, A02, A0, A1, B1, B2, B or C	1965	2	
HYDROCARBON GAS REFILLS FOR SMALL DEVICES with release device	3150	2	
HYDROCARBONS, LIQUID, N.O.S.	3295	3	
HYDROCHLORIC ACID	1789	8	
HYDROCYANIC ACID, AQUEOUS SOLUTION with not more than 20% hydrogen cyanide	1613	6.1	
HYDROFLUORIC ACID with more than 60% but not more than 85% hydrofluoric acid	1790	8	
HYDROFLUORIC ACID with more than 85% hydrofluoric acid	1790	8	

Name and description	UN No.	Class	Remarks
HYDROFLUORIC ACID with not more than 60% hydrofluoric acid	1790	8	
HYDROFLUORIC ACID AND SULPHURIC ACID MIXTURE	1786	8	
Hydrofluoroboric acid, see	1775	8	
Hydrofluorosilicic acid, see	1778	8	
HYDROGEN AND METHANE MIXTURE, COMPRESSED	2034	2	
Hydrogen arsenide, see	2188	2	
HYDROGEN BROMIDE, ANHYDROUS	1048	2	
Hydrogen bromide solution, see	1788	8	
HYDROGEN CHLORIDE, ANHYDROUS	1050	2	
HYDROGEN CHLORIDE, REFRIGERATED LIQUID	2186	2	Carriage prohibited
HYDROGEN, COMPRESSED	1049	2	
HYDROGEN CYANIDE, AQUEOUS SOLUTION with not more than 20% hydrogen cyanide, see	1613	6.1	
HYDROGEN CYANIDE, SOLUTION IN ALCOHOL with not more than 45% hydrogen cyanide	3294	6.1	
HYDROGEN CYANIDE, STABILIZED containing less than 3% water	1051	6.1	
HYDROGEN CYANIDE, STABILIZED, containing less than 3% water and absorbed in a porous inert material	1614	6.1	
HYDROGENDIFLUORIDES, N.O.S.	1740	8	
HYDROGEN FLUORIDE, ANHYDROUS	1052	8	
Hydrogen fluoride solution, see	1790	8	
HYDROGEN IODIDE, ANHYDROUS	2197	2	
Hydrogen iodide solution, see	1787	8	
HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE with acid(s), water and not more than 5% peroxyacetic acid, STABILIZED	3149	5.1	
HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 8% but less than 20% hydrogen peroxide (stabilized as necessary)	2984	5.1	
HYDROGEN PEROXIDE, AQUEOUS SOLUTION with not less than 20% but not more than 60% hydrogen peroxide (stabilized as necessary)	2014	5.1	
HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED with more than 60% hydrogen peroxide and not more than 70% hydrogen peroxide	2015	5.1	
HYDROGEN PEROXIDE, AQUEOUS SOLUTION, STABILIZED with more than 70% hydrogen peroxide	2015	5.1	
HYDROGEN, REFRIGERATED LIQUID	1966	2	
HYDROGEN SELENIDE, ANHYDROUS	2202	2	
Hydrogen silicide, see	2203	2	
HYDROGEN SULPHIDE	1053	2	
Hydroquinol, see	2662	6.1	
HYDROQUINONE	2662	6.1	
Hydroselenic acid, see	2202	2	
Hydrosilicofluoric acid, see	1778	8	
3-Hydroxybutan-2-one, see	2621	3	
HYDROXYLAMINE SULPHATE	2865	8	

Name and description	UN No.	Class	Remarks
1-Hydroxy-3-methyl-2-penten-4-yne, see	2705	8	
3-Hydroxyphenol, see	2876	6.1	
HYPOCHLORITES, INORGANIC, N.O.S.	3212	5.1	
HYPOCHLORITE SOLUTION	1791	8	
IGNITERS	0121	1	
	0314	1	
	0315	1	
	0325	1	
	0454	1	
3,3'-IMINODIPROPYLAMINE	2269	8	
Indiarubber, see	1287	3	
INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only (risk group 2)	2900	6.2	
INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only (risk groups 3 and 4)	2900	6.2	
INFECTIOUS SUBSTANCE, AFFECTING HUMANS (risk group 2)	2814	6.2	
INFECTIOUS SUBSTANCE, AFFECTING HUMANS (risk groups 3 and 4)	2814	6.2	
Ink, printer's, flammable, see	1210	3	
INSECTICIDE GAS, N.O.S.	1968	2	
INSECTICIDE GAS, FLAMMABLE, N.O.S.	3354	2	
INSECTICIDE GAS, TOXIC, N.O.S.	1967	2	
INSECTICIDE GAS, TOXIC, FLAMMABLE, N.O.S.	3355	2	
IODINE MONOCHLORIDE	1792	8	
IODINE PENTAFLUORIDE	2495	5.1	
2-IODOBUTANE	2390	3	
Iodomethane, see	2644	6.1	
IODOMETHYLPROPANES	2391	3	
IODOPROPANES	2392	3	
alpha-Iodotoluene, see	2653	6.1	
I.p.d.i., see	2290	6.1	
Iron chloride, anhydrous, see	1773	8	
Iron (III) chloride, anhydrous, see	1773	8	
Iron chloride solution, see	2582	8	
IRON OXIDE, SPENT obtained from coal gas purification	1376	4.2	
IRON PENTACARBONYL	1994	6.1	
Iron perchloride, anhydrous, see	1773	8	
Iron powder, pyrophoric, see	1383	4.2	
Iron sesquichloride, anhydrous, see	1773	8	
IRON SPONGE, SPENT obtained from coal gas purification	1376	4.2	
Iron swarf, see	2793	4.2	
ISOBUTANE	1969	2	
ISOBUTANOL	1212	3	
Isobutene, see	1055	2	
ISOBUTYL ACETATE	1213	3	
ISOBUTYL ACRYLATE, STABILIZED	2527	3	
ISOBUTYL ALCOHOL, see	1212	3	
ISOBUTYL ALDEHYDE, see	2045	3	
ISOBUTYLAMINE	1214	3	
ISOBUTYLENE	1055	2	
ISOBUTYL FORMATE	2393	3	
ISOBUTYL ISOBUTYRATE	2528	3	
ISOBUTYL ISOCYANATE	2486	3	
ISOBUTYL METHACRYLATE, STABILIZED	2283	3	

Name and description	UN No.	Class	Remarks
ISOBUTYL PROPIONATE	2394	3	
ISOBUTYRALDEHYDE	2045	3	
ISOBUTYRIC ACID	2529	3	
ISOBUTYRONITRILE	2284	3	
ISOBUTYRYL CHLORIDE	2395	3	
ISOCYANATES, FLAMMABLE, TOXIC, N.O.S.	2478	3	
ISOCYANATES, TOXIC, N.O.S.	2206	6.1	
ISOCYANATES, TOXIC, FLAMMABLE, N.O.S.	3080	6.1	
ISOCYANATE SOLUTION, FLAMMABLE, TOXIC, N.O.S.	2478	3	
ISOCYANATE SOLUTION, TOXIC, N.O.S.	2206	6.1	
ISOCYANATE SOLUTION, TOXIC, FLAMMABLE, N.O.S.	3080	6.1	
ISOCYANATOBENZOTRI-FLUORIDES	2285	6.1	
3-Isocyanatomethyl-3,5,5-tri-methylcyclohexyl isocyanate, see	2290	6.1	
Isododecane, see	2286	3	
ISOHEPTENE	2287	3	
ISOHEXENE	2288	3	
Isooctane, see	1262	3	
ISOOCTENE	1216	3	
Isopentane, see	1265	3	
ISOPENTENES	2371	3	
Isopentylamine, see	1106	3	
Isopentyl nitrite, see	1113	3	
ISOPHORONEDIAMINE	2289	8	
ISOPHORONE DIISOCYANATE	2290	6.1	
ISOPRENE, STABILIZED	1218	3	
ISOPROPANOL	1219	3	
ISOPROPENYL ACETATE	2403	3	
ISOPROPENYLBENZENE	2303	3	
ISOPROPYL ACETATE	1220	3	
ISOPROPYL ACID PHOSPHATE	1793	8	
ISOPROPYL ALCOHOL, see	1219	3	
ISOPROPYLAMINE	1221	3	
ISOPROPYLBENZENE	1918	3	
ISOPROPYL BUTYRATE	2405	3	
Isopropyl chloride, see	2356	3	
ISOPROPYL CHLOROACETATE	2947	3	
ISOPROPYL CHLOROFORMATE	2407	6.1	
ISOPROPYL 2-CHLOROPROPIONATE	2934	3	
Isopropyl-alpha-chloropropionate, see	2934	3	
Isopropyl ether, see	1159	3	
Isopropylethylene, see	2561	3	
Isopropyl formate, see	1281	3	
ISOPROPYL ISOBUTYRATE	2406	3	
ISOPROPYL ISOCYANATE	2483	3	
Isopropyl mercaptan, see	2402	3	
ISOPROPYL NITRATE	1222	3	
ISOPROPYL PROPIONATE	2409	3	
Isolpropyltoluene, see	2046	3	
Isopropyltoluol, see	2046	3	
ISOSORBIDE DINITRATE MIXTURE with not less than 60% lactose, mannose, starch or calcium hydrogen phosphate	2907	4.1	

Name and description	UN No.	Class	Remarks
ISOSORBIDE-5-MONONITRATE	3251	4.1	
Isovaleraldehyde, see	2058	3	
JET PERFORATING GUNS, CHARGED, oil well, without detonator	0124 0494	1 1	
Jet tappers, without detonator, see	0059	1	
KEROSENE	1223	3	
KETONES, LIQUID, N.O.S.	1224	3	
KRYPTON, COMPRESSED	1056	2	
KRYPTON, REFRIGERATED LIQUID	1970	2	
Lacquer base or lacquer chips, nitrocellulose, dry, see	2557	4.1	
Lacquer base or lacquer chips, plastic, wet with alcohol or solvent, see	1263 2059 2555 2556	3 3 4.1 4.1	
LEAD ACETATE	1616	6.1	
Lead (II) acetate, see	1616	6.1	
LEAD ARSENATES	1617	6.1	
LEAD ARSENITES	1618	6.1	
LEAD AZIDE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	0129	1	
Lead chloride, solid, see	2291	6.1	
LEAD COMPOUND, SOLUBLE, N.O.S.	2291	6.1	
LEAD CYANIDE	1620	6.1	
Lead (II) cyanide	1620	6.1	
LEAD DIOXIDE	1872	5.1	
LEAD NITRATE	1469	5.1	
Lead (II) nitrate	1469	5.1	
LEAD PERCHLORATE	1470	5.1	
Lead (II) perchlorate	1470	5.1	
Lead peroxide, see	1872	5.1	
LEAD PHOSPHITE, DIBASIC	2989	4.1	
LEAD STYPHNATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	0130	1	
LEAD SULPHATE with more than 3% free acid	1794	8	
Lead tetraethyl, see	1649	6.1	
Lead tetramethyl, see	1649	6.1	
LEAD TRINITRORESORCINATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass, see	0130	1	
LIFE-SAVING APPLIANCES NOT SELF-INFLATING containing dangerous goods as equipment	3072	9	
LIFE-SAVING APPLIANCES, SELF-INFLATING	2990	9	
LIGHTER REFILLS (cigarettes) containing flammable gas	1057	2	
LIGHTERS (cigarettes) containing flammable gas	1057	2	
LIGHTERS, FUSE	0131	1	
Limonene, inactive, see	2052	3	
LIQUEFIED GAS, N.O.S.	3163	2	
LIQUEFIED GAS, FLAMMABLE, N.O.S.	3161	2	
LIQUEFIED GASES, non-flammable, charged with nitrogen, carbon dioxide or air	1058	2	
LIQUEFIED GAS, OXIDIZING, N.O.S.	3157	2	
LIQUEFIED GAS, TOXIC, N.O.S.	3162	2	

Name and description	UN No.	Class	Remarks
LIQUEFIED GAS, TOXIC, CORROSIVE, N.O.S.	3308	2	
LIQUEFIED GAS, TOXIC, FLAMMABLE, N.O.S.	3160	2	
LIQUEFIED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S.	3309	2	
LIQUEFIED GAS, TOXIC, OXIDIZING, N.O.S.	3307	2	
LIQUEFIED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S.	3310	2	
Liquefied petroleum gas, see	1075	2	
LITHIUM	1415	4.3	
LITHIUM ALKYLS	2445	4.2	
LITHIUM ALUMINIUM HYDRIDE	1410	4.3	
LITHIUM ALUMINIUM HYDRIDE, ETHEREAL	1411	4.3	
LITHIUM BATTERIES	3090	9	
LITHIUM BATTERIES CONTAINED IN EQUIPMENT	3091	9	
LITHIUM BATTERIES PACKED WITH EQUIPMENT	3091	9	
LITHIUM BOROHYDRIDE	1413	4.3	
LITHIUM FERROSILICON	2830	4.3	
LITHIUM HYDRIDE	1414	4.3	
LITHIUM HYDRIDE, FUSED SOLID	2805	4.3	
LITHIUM HYDROXIDE MONOHYDRATE	2680	8	
LITHIUM HYDROXIDE SOLUTION	2679	8	
LITHIUM HYPOCHLORITE, DRY	1471	5.1	
LITHIUM HYPOCHLORITE MIXTURE	1471	5.1	
Lithium in cartouches, see	1415	4.3	
LITHIUM NITRATE	2722	5.1	
LITHIUM NITRIDE	2806	4.3	
LITHIUM PEROXIDE	1472	5.1	
Lithium silicide, see	1417	4.3	
LITHIUM SILICON	1417	4.3	
L.n.g., see	1972	2	
LONDON PURPLE	1621	6.1	
L.p.g., see	1075	2	
Lye, see	1823	8	
Lythene, see	1268	3	
MAGNESIUM in pellets, turnings or ribbons	1869	4.1	
MAGNESIUM ALKYLS	3053	4.2	
MAGNESIUM ALLOYS with more than 50% magnesium in pellets, turnings or ribbons	1869	4.1	
MAGNESIUM ALLOYS POWDER	1418	4.3	
MAGNESIUM ALUMINIUM PHOSPHIDE	1419	4.3	
MAGNESIUM ARSENATE	1622	6.1	
Magnesium bisulphite solution, see	2693	8	
MAGNESIUM BROMATE	1473	5.1	
MAGNESIUM CHLORATE	2723	5.1	
Magnesium chloride and chlorate mixture, see	1459	5.1	
MAGNESIUM DIAMIDE	2004	4.2	
MAGNESIUM DIPHENYL	2005	4.2	
MAGNESIUM FLUOROSILICATE	2853	6.1	

Name and description	UN No.	Class	Remarks
MAGNESIUM GRANULES, COATED, particle size not less than 149 microns	2950	4.3	
MAGNESIUM HYDRIDE	2010	4.3	
MAGNESIUM NITRATE	1474	5.1	
MAGNESIUM PERCHLORATE	1475	5.1	
MAGNESIUM PEROXIDE	1476	5.1	
MAGNESIUM PHOSPHIDE	2011	4.3	
MAGNESIUM POWDER	1418	4.3	
Magnesium scrap, see	1869	4.1	
MAGNESIUM SILICIDE	2624	4.3	
Magnesium silicofluoride, see	2853	6.1	
Magnetized material	2807	9	Not subject to ADR
MALEIC ANHYDRIDE	2215	8	
MALEIC ANHYDRIDE, MOLTEN	2215	8	
Malonic dinitrile, see	2647	6.1	
Malonodinitrile, see	2647	6.1	
MALONONITRILE	2647	6.1	
MANEB	2210	4.2	
MANEB PREPARATION with not less than 60% maneb	2210	4.2	
MANEB PREPARATION, STABILIZED against self-heating	2968	4.3	
MANEB, STABILIZED against self-heating	2968	4.3	
Manganese ethylene-di-dithiocarbamate, see	2210	4.2	
Manganese ethylene-1,2-dithiocarbamate, see	2210	4.2	
MANGANESE NITRATE	2724	5.1	
Manganese (II) nitrate, see	2724	5.1	
MANGANESE RESINATE	1330	4.1	
Manganous nitrate, see	2724	5.1	
MANNITOL HEXANITRATE, WETTED with not less than 40% water, or mixture of alcohol and water, by mass	0133	1	
MATCHES, FUSEE	2254	4.1	
MATCHES, SAFETY (book, card or strike on box)	1944	4.1	
MATCHES, "STRIKE ANYWHERE"	1331	4.1	
MATCHES, WAX "VESTA"	1945	4.1	
MEDICAL WASTE, N.O.S.	3291	6.2	
MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	3248	3	
MEDICINE, LIQUID, TOXIC, N.O.S.	1851	6.1	
MEDICINE, SOLID, TOXIC, N.O.S.	3249	6.1	
p-Mentha-1,8-diene, see	2052	8	
MERCAPTANS, LIQUID, FLAMMABLE, N.O.S.	3336	3	
MERCAPTANS, LIQUID, FLAMMABLE, TOXIC, N.O.S.	1228	3	
MERCAPTANS, LIQUID, TOXIC, FLAMMABLE, N.O.S.	3071	6.1	
MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, N.O.S.	3336	3	
MERCAPTAN MIXTURE, LIQUID, FLAMMABLE, TOXIC, N.O.S.	1228	3	
MERCAPTAN MIXTURE, LIQUID, TOXIC, FLAMMABLE, N.O.S.	3071	6.1	
2-Mercaptoethanol, see	2966	6.1	
2-Mercaptopropionic acid, see	2936	6.1	
5-MERCAPTOTETRAZOL-1-ACETIC ACID	0448	1	

Name and description	UN No.	Class	Remarks
MERCURIC ARSENATE	1623	6.1	
MERCURIC CHLORIDE	1624	6.1	
MERCURIC NITRATE	1625	6.1	
MERCURIC POTASSIUM CYANIDE	1626	6.1	
Mercuric sulphate, see	1645	6.1	
Mercurol, see	1639	6.1	
Mercurous bisulphate, see	1645	6.1	
MERCUROUS NITRATE	1627	6.1	
Mercurous sulphate, see	1645	6.1	
MERCURY	2809	8	
MERCURY ACETATE	1629	6.1	
MERCURY AMMONIUM CHLORIDE	1630	6.1	
MERCURY BASED PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	2778	3	
MERCURY BASED PESTICIDE, LIQUID, TOXIC	3012	6.1	
MERCURY BASED PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	3011	6.1	
MERCURY BASED PESTICIDE, SOLID, TOXIC	2777	6.1	
MERCURY BENZOATE	1631	6.1	
Mercury bichloride, see	1624	6.1	
MERCURY BROMIDES	1634	6.1	
MERCURY COMPOUND, LIQUID, N.O.S.	2024	6.1	
MERCURY COMPOUND, SOLID, N.O.S.	2025	6.1	
MERCURY CYANIDE	1636	6.1	
MERCURY FULMINATE, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	0135	1	
MERCURY GLUCONATE	1637	6.1	
MERCURY IODIDE	1638	6.1	
MERCURY NUCLEATE	1639	6.1	
MERCURY OLEATE	1640	6.1	
MERCURY OXIDE	1641	6.1	
MERCURY OXYCYANIDE, DESENSITIZED	1642	6.1	
MERCURY POTASSIUM IODIDE	1643	6.1	
MERCURY SALICYLATE	1644	6.1	
MERCURY SULPHATE	1645	6.1	
MERCURY THIOCYANATE	1646	6.1	
Mesitylene, see	2325	3	
MESITYL OXIDE	1229	3	
METAL ALKYL HALIDES, WATER-REACTIVE, N.O.S.	3049	4.2	
METAL ALKYL HYDRIDES, WATER-REACTIVE, N.O.S	3050	4.2	
METAL ALKYLS, WATER-REACTIVE, N.O.S.	2003	4.2	
METAL ARYL HALIDES, WATER-REACTIVE, N.O.S.	3049	4.2	
METAL ARYL HYDRIDES, WATER-REACTIVE, N.O.S.	3050	4.2	
METAL ARYLS, WATER-REACTIVE, N.O.S.	2003	4.2	
METAL CARBONYLS, N.O.S., liquid	3281	6.1	
METAL CARBONYLS, N.O.S., solid	3281	6.1	
METAL CATALYST, DRY	2881	4.2	

Name and description	UN No.	Class	Remarks
METAL CATALYST, WETTED with a visible excess of liquid	1378	4.2	
METALDEHYDE	1332	4.1	
METAL HYDRIDES, FLAMMABLE, N.O.S.	3182	4.1	
METAL HYDRIDES, WATER-REACTIVE, N.O.S.	1409	4.3	
METALLIC SUBSTANCE, WATER-REACTIVE, N.O.S.	3208	4.3	
METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	3209	4.3	
METAL POWDER, FLAMMABLE, N.O.S.	3089	4.1	
METAL POWDER, SELF-HEATING, N.O.S.	3189	4.2	
METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.	3181	4.1	
METHACRYLALDEHYDE, STABILIZED	2396	3	
METHACRYLIC ACID, STABILIZED	2531	8	
METHACRYLONITRILE, STABILIZED	3079	3	
METHALLYL ALCOHOL	2614	3	
Methanal, see	1198 2209	3 8	
Methane and hydrogen mixture, see	2034	2	
METHANE, COMPRESSED	1971	2	
METHANE, REFRIGERATED LIQUID	1972	2	
METHANESULPHONYL CHLORIDE	3246	6.1	
METHANOL	1230	3	
2-Methoxyethyl acetate, see	1189	3	
METHOXYMETHYL ISOCYANATE	2605	3	
4-METHOXY-4-METHYLPENTAN-2-ONE	2293	3	
1-Methoxy-2-nitrobenzene, see	2730	6.1	
1-Methoxy-3-nitrobenzene, see	2730	6.1	
1-Methoxy-4-nitrobenzene, see	2730	6.1	
1-METHOXY-2-PROPANOL	3092	3	
METHYL ACETATE	1231	3	
METHYLACETYLENE AND PROPADIENE MIXTURE, STABILIZED such as mixture P1 or mixture P2	1060	2	
beta-Methyl acrolein, see	1143	6.1	
METHYL ACRYLATE, STABILIZED	1919	3	
METHYLAL	1234	3	
Methyl alcohol, see	1230	3	
Methyl allyl alcohol, see	2614	3	
METHYLALLYL CHLORIDE	2554	3	
METHYLAMINE, ANHYDROUS	1061	2	
METHYLAMINE, AQUEOUS SOLUTION	1235	3	
METHYLAMYL ACETATE	1233	3	
Methyl amyl alcohol, see	2053	3	
Methyl amyl ketone, see	1110	3	
N-METHYLANILINE	2294	6.1	
Methylated spirit, see	1986 1987	3 3	
alpha-METHYLBENZYL ALCOHOL	2937	6.1	
METHYL BROMIDE	1062	2	
Methyl bromide and chloropicrin mixture, see	1581	2	

Name and description	UN No.	Class	Remarks
METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURE, LIQUID	1647	6.1	
METHYL BROMOACETATE	2643	6.1	
3-METHYLBUTAN-2-ONE	2397	3	
2-METHYL-1-BUTENE	2459	3	
2-METHYL-2-BUTENE	2460	3	
3-METHYL-1-BUTENE	2561	3	
N-METHYLBUTYLAMINE	2945	3	
METHYL tert-BUTYL ETHER	2398	3	
METHYL BUTYRATE	1237	3	
METHYL CHLORIDE	1063	2	
Methyl chloride and chloropicrin mixture, see	1582	2	
METHYL CHLORIDE AND METHYLENE CHLORIDE MIXTURE	1912	2	
METHYL CHLOROACETATE	2295	6.1	
Methyl chlorocarbonate, see	1238	6.1	
Methyl chloroform, see	2831	6.1	
METHYL CHLOROFORMATE	1238	6.1	
METHYL CHLOROMETHYL ETHER	1239	6.1	
METHYL 2-CHLOROPROPIONATE	2933	3	
Methyl alpha-chloropropionate, see	2933	3	
METHYLCHLOROSILANE	2534	2	
Methyl cyanide, see	1648	3	
METHYLCYCLOHEXANE	2296	3	
METHYLCYCLOHEXANOLS, flammable	2617	3	
METHYLCYCLOHEXANONE	2297	3	
METHYLCYCLOPENTANE	2298	3	
METHYL DICHLOROACETATE	2299	6.1	
METHYLDICHLOROSILANE	1242	4.3	
Methylene bromide, see	2664	6.1	
Methylene chloride, see	1593	6.1	
Methylene chloride and methyl chloride mixture, see	1912	2	
Methylene cyanide, see	2647	6.1	
p,p'-Methylene dianiline, see	2651	6.1	
Methylene dibromide, see	2664	6.1	
2,2'-Methylene-di-(3,4,6-trichlorophenol), see	2875	6.1	
Methyl ethyl ether, see	1039	2	
METHYL ETHYL KETONE, see	1193	3	
2-METHYL-5-ETHYLPYRIDINE	2300	6.1	
METHYL FLUORIDE	2454	2	
METHYL FORMATE	1243	3	
2-METHYLFURAN	2301	3	
Methyl glycol, see	1188	3	
Methyl glycol acetate, see	1189	3	
2-METHYL-2-HEPTANETHIOL	3023	6.1	
5-METHYLHEXAN-2-ONE	2302	3	
METHYLHYDRAZINE	1244	6.1	
METHYL IODIDE	2644	6.1	
METHYL ISOBUTYL CARBINOL	2053	3	
METHYL ISOBUTYL KETONE	1245	3	
METHYL ISOCYANATE	2480	6.1	
METHYL ISOPROPENYL KETONE, STABILIZED	1246	3	

Name and description	UN No.	Class	Remarks
METHYL ISOTHIOCYANATE	2477	6.1	
METHYL ISOVALERATE	2400	3	
METHYL MAGNESIUM BROMIDE IN ETHYL ETHER	1928	4.3	
METHYL MERCAPTAN	1064	2	
Methyl mercaptopropionaldehyde, see	2785	6.1	
METHYL METHACRYLATE MONOMER, STABILIZED	1247	3	
4-METHYLMORPHOLINE	2535	3	
N-METHYLMORPHOLINE, see	2535	3	
METHYL NITRITE	2455	2	Carriage prohibited
METHYL ORTHOSILICATE	2606	6.1	
METHYLPENTADIENE	2461	3	
Methylpentanes, see	1208	3	
2-METHYLPENTAN-2-OL	2560	3	
4-Methylpentan-2-ol, see	2053	3	
3-Methyl-2-penten-4ynol, see	2705	8	
METHYLPHENYLDICHLORO-SILANE	2437	8	
2-Methyl-2-phenylpropane, see	2709	3	
1-METHYLPIPERIDINE	2399	3	
METHYL PROPIONATE	1248	3	
Methylpropylbenzene, see	2046	3	
METHYL PROPYL ETHER	2612	3	
METHYL PROPYL KETONE	1249	3	
Methyl pyridines, see	2313	3	
Methylstyrene, inhibited, see	2618	3	
alpha-Methylstyrene, see	2303	3	
Methyl sulphate, see	1595	6.1	
Methyl sulphide, see	1164	3	

Name and description	UN No.	Class	Remarks
METHYLTETRAHYDRO-FURAN	2536	3	
METHYL TRICHLOROACETATE	2533	6.1	
METHYLTRICHLOROSILANE	1250	3	
alpha-METHYLVALERAL-DEHYDE	2367	3	
Methyl vinyl benzene, inhibited, see	2618	3	
METHYL VINYL KETONE, STABILIZED	1251	6.1	
M.i.b.c., see	2053	3	
MINES with bursting charge	0136	1	
	0137	1	
	0138	1	
	0294	1	
Mirbane oil, see	1662	6.1	
Missiles, guided, see	0180	1	
	0181	1	
	0182	1	
	0183	1	
	0295	1	
	0397	1	
	0398	1	
	0436	1	
	0437	1	
	0438	1	
Mixtures A, A01, A02, A0, A1, B1, B2, B or C, see	1965	2	
Mixture F1, mixture F2 or mixture F3, see	1078	2	
MIXTURES OF 1,3-BUTADIENE AND HYDROCARBONS, STABILIZED, having a vapour pressure at 70 °C not exceeding 1.1 MPa (11 bar) and a density at 50 °C not lower than 0.525 kg/l	1010	2	
Mixture P1 or mixture P2, see	1060	2	
MOLYBDENUM PENTACHLORIDE	2508	8	
Monochloroacetic acid, see	1750	6.1	
	1751	6.1	

Name and description	UN No.	Class	Remarks
Monochlorobenzene, see	1134	3	
Monochlorodifluoromethane, see	1018	2	
Monochlorodifluoromethane and monochloropentafluoroethane mixture, see	1973	2	
Monochlorodifluoromono-bromomethane, see	1974	2	
Monochloropentafluoroethane and monochlorodifluoromethane mixture, see	1973	2	
Monoethylamine, see	1036	2	
MONONITROTOLUIDINES, see	2660	6.1	
Monopropylamine, see	1277	3	
MORPHOLINE	2054	8	
MOTOR FUEL ANTI-KNOCK MIXTURE	1649	6.1	
MOTOR SPIRIT	1203	3	
Muriatic acid, see	1789	8	
MUSK XYLENE, see	2956	4.1	
Mysorite, see	2212	9	
Naphta, see	1268	3	
Naphta, petroleum, see	1268	3	
Naphta, solvent, see	1268	3	
NAPHTHALENE, CRUDE	1334	4.1	
NAPHTHALENE, MOLTEN	2304	4.1	
NAPHTHALENE, REFINED	1334	4.1	
alpha-NAPHTHYLAMINE	2077	6.1	
beta-NAPHTHYLAMINE	1650	6.1	
NAPHTHYLTHIOUREA	1651	6.1	
1-Naphthylthiourea, see	1651	6.1	
NAPHTHYLUREA	1652	6.1	
NATURAL GAS, COMPRESSED with high methane content	1971	2	
NATURAL GAS, REFRIGERATED LIQUID with high methane content	1972	2	
Natural gasoline, see	1203	3	
Neohexane, see	1208	3	
NEON, COMPRESSED	1065	2	
NEON, REFRIGERATED LIQUID	1913	2	
Neothyl, see	2612	3	
NICKEL CARBONYL	1259	6.1	
NICKEL CYANIDE	1653	6.1	
Nickel (II) cyanide, see	1653	6.1	
NICKEL NITRATE	2725	5.1	
Nickel (II) nitrate, see	2725	5.1	
NICKEL NITRITE	2726	5.1	
Nickel (II) nitrite, see	2726	5.1	
Nickelous nitrate, see	2725	5.1	
Nickelous nitrite, see	2726	5.1	
Nickel tetracarbonyl, see	1259	6.1	
NICOTINE	1654	6.1	
NICOTINE COMPOUND, LIQUID, N.O.S	3144	6.1	
NICOTINE COMPOUND, SOLID, N.O.S	1655	6.1	
NICOTINE HYDROCHLORIDE, liquid	1656	6.1	
NICOTINE HYDROCHLORIDE, solid	1656	6.1	
NICOTINE HYDROCHLORIDE SOLUTION	1656	6.1	
NICOTINE PREPARATION, LIQUID, N.O.S.	3144	6.1	

Name and description	UN No.	Class	Remarks
NICOTINE PREPARATION, SOLID, N.O.S.	1655	6.1	
NICOTINE SALICYLATE	1657	6.1	
NICOTINE SULPHATE, SOLID	1658	6.1	
NICOTINE SULPHATE, SOLUTION	1658	6.1	
NICOTINE TARTRATE	1659	6.1	
NITRATES, INORGANIC, N.O.S.	1477	5.1	
NITRATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	3218	5.1	
NITRATING ACID MIXTURE with more than 50% nitric acid	1796	8	
NITRATING ACID MIXTURE with not more than 50% nitric acid	1796	8	
NITRATING ACID MIXTURE, SPENT, with more than 50% nitric acid	1826	8	
NITRATING ACID MIXTURE, SPENT, with not more than 50% nitric acid	1826	8	
NITRIC ACID, other than red fuming, with more than 70% nitric acid	2031	8	
NITRIC ACID, other than red fuming, with not more than 70% nitric acid	2031	8	
NITRIC ACID, RED FUMING	2032	8	
NITRIC OXIDE, COMPRESSED	1660	2	
NITRIC OXIDE AND DINITROGEN TETROXIDE MIXTURE	1975	2	
NITRIC OXIDE AND NITROGEN DIOXIDE MIXTURE, see	1975	2	
NITRILES, FLAMMABLE, TOXIC, N.O.S.	3273	3	
NITRILES, TOXIC, N.O.S.	3276	6.1	
NITRILES, TOXIC, FLAMMABLE, N.O.S.	3275	6.1	
NITRITES, INORGANIC, N.O.S.	2627	5.1	
NITRITES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	3219	5.1	
NITROANILINES (o-, m-, p-)	1661	6.1	
NITROANISOLES, LIQUID	2730	6.1	
NITROANISOLES, SOLID	2730	6.1	
NITROBENZENE	1662	6.1	
Nitrobenzene bromide, see	2732	6.1	
NITROBENZENESULPHONIC ACID	2305	8	
Nitrobenzol, see	1662	6.1	
5-NITROBENZOTRIAZOL	0385	1	
NITROBENZOTRIFLUORIDES, liquid	2306	6.1	
NITROBENZOTRIFLUORIDES, solid	2306	6.1	
NITROBROMOBENZENES, LIQUID	2732	6.1	
NITROBROMOBENZENES, SOLID	2732	6.1	
NITROCELLULOSE, dry or wetted with less than 25% water (or alcohol), by mass	0340	1	
NITROCELLULOSE, unmodified or plasticized with less than 18% plasticizing substance, by mass	0341	1	
NITROCELLULOSE MEMBRANE FILTERS, with not more than 12.6% nitrogen, by dry mass	3270	4.1	
NITROCELLULOSE, with not more than 12.6% nitrogen, by dry mass, MIXTURE WITH PLASTICIZER, WITH PIGMENT	2557	4.1	

Name and description	UN No.	Class	Remarks
NITROCELLULOSE, with not more than 12.6% nitrogen, by dry mass, MIXTURE WITH PLASTICIZER, WITHOUT PIGMENT	2557	4.1	
NITROCELLULOSE, with not more than 12.6% nitrogen, by dry mass, MIXTURE WITHOUT PLASTICIZER, WITH PIGMENT	2557	4.1	
NITROCELLULOSE, with not more than 12.6% nitrogen, by dry mass, MIXTURE WITHOUT PLASTICIZER, WITHOUT PIGMENT	2557	4.1	
NITROCELLULOSE, PLASTICIZED with not less than 18% plasticizing substance, by mass	0343	1	
NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose	2059	3	
NITROCELLULOSE, WETTED with not less than 25% alcohol, by mass	0342	1	
NITROCELLULOSE WITH ALCOHOL (not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass)	2556	4.1	
NITROCELLULOSE WITH WATER (not less than 25% water, by mass)	2555	4.1	
Nitrochlorobenzenes, see	1578	6.1	
3-NITRO-4-CHLOROBENZO-TRIFLUORIDE	2307	6.1	
NITROCRESOLS, liquid	2446	6.1	
NITROCRESOLS, solid	2446	6.1	
NITROETHANE	2842	3	
NITROGEN, COMPRESSED	1066	2	
NITROGEN DIOXIDE, see	1067	2	
Nitrogen mixture with rare gases, see	1981	2	
NITROGEN, REFRIGERATED LIQUID	1977	2	
NITROGEN TRIFLUORIDE, COMPRESSED	2451	2	
NITROGEN TRIOXIDE	2421	2	Carriage prohibited
NITROGLYCERIN, DESENSITIZED with not less than 40% non-volatile water-insoluble phlegmatizer, by mass	0143	1	
NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S. with not more than 30% nitroglycerin, by mass	3357	3	
NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin, by mass	3343	3	
NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin, by mass	3319	4.1	
NITROGLYCERIN, SOLUTION IN ALCOHOL with more than 1% but not more than 5% nitroglycerin	3064	3	
NITROGLYCERIN SOLUTION IN ALCOHOL with more than 1% but not more than 10% nitroglycerin	0144	1	
NITROGLYCERIN SOLUTION IN ALCOHOL with not more than 1% nitroglycerin	1204	3	
NITROGUANIDINE, dry or wetted with less than 20% water, by mass	0282	1	
NITROGUANIDINE, WETTED with not less than 20% water, by mass	1336	4.1	
NITROHYDROCHLORIC ACID	1798	8	Carriage prohibited

Name and description	UN No.	Class	Remarks
NITROMANNITE, WETTED, see	0133	1	
NITROMETHANE	1261	3	
Nitromuriatic acid, see	1798	8	
NITRONAPHTHALENE	2538	4.1	
NITROPHENOLS (o-, m-, p-)	1663	6.1	
NITROPROPANES	2608	3	
p-NITROSODIMETHYLANILINE	1369	4.2	
NITROSTARCH, dry or wetted with less than 20% water, by mass	0146	1	
NITROSTARCH, WETTED with not less than 20% water, by mass	1337	4.1	
NITROSYL CHLORIDE	1069	2	
NITROSYLSULPHURIC ACID, LIQUID	2308	8	
NITROSYLSULPHURIC ACID, SOLID	2308	8	
NITROTOLUENES, LIQUID	1664	6.1	
NITROTOLUENES, SOLID	1664	6.1	
NITROTOLUIDINES	2660	6.1	
NITROTRIAZOLONE	0490	1	
NITRO UREA	0147	1	
NITROUS OXIDE	1070	2	
Nitrous oxide and carbon dioxide mixture, see	1015	2	
NITROUS OXIDE, REFRIGERATED LIQUID	2201	2	
NITROXYLENES, LIQUID	1665	6.1	
NITROXYLENES, SOLID	1665	6.1	
Non-activated carbon, see	1361	4.2	
Non-activated charcoal, see	1361	4.2	
NONANES	1920	3	
NONYLTRICHLOROSILANE	1799	8	
2,5-NORBORNADIENE, STABILIZED, see	2251	3	
Normal propyl alcohol, see	1274	3	
NTO, see	0490	1	
OCTADECYLTRICHLOROSILANE	1800	8	
OCTADIENE	2309	3	
OCTAFLUOROBUT-2-ENE	2422	2	
OCTAFLUOROCYCLOBUTANE	1976	2	
OCTAFLUOROPROPANE	2424	2	
OCTANES	1262	3	
OCTOGEN, see	0226 0391 0484	1 1 1	
OCTOL, dry or wetted with less than 15% water, by mass, see	0266	1	
OCTOLITE, dry or wetted with less than 15% water, by mass	0266	1	
OCTONAL	0496	1	
OCTYL ALDEHYDES	1191	3	
tert-Octyl mercaptan, see	3023	6.1	
OCTYLTRICHLOROSILANE	1801	8	
Oenanthol, see	3056	3	
OIL GAS, COMPRESSED	1071	2	
Oleum, see	1831	8	
ORGANIC PEROXIDE TYPE B, LIQUID	3101	5.2	
ORGANIC PEROXIDE TYPE B, LIQUID, TEMPERATURE CONTROLLED	3111	5.2	

Name and description	UN No.	Class	Remarks
ORGANIC PEROXIDE TYPE B, SOLID	3102	5.2	
ORGANIC PEROXIDE TYPE B, SOLID, TEMPERATURE CONTROLLED	3112	5.2	
ORGANIC PEROXIDE TYPE C, LIQUID	3103	5.2	
ORGANIC PEROXIDE TYPE C, LIQUID, TEMPERATURE CONTROLLED	3113	5.2	
ORGANIC PEROXIDE TYPE C, SOLID	3104	5.2	
ORGANIC PEROXIDE TYPE C, SOLID, TEMPERATURE CONTROLLED	3114	5.2	
ORGANIC PEROXIDE TYPE D, LIQUID	3105	5.2	
ORGANIC PEROXIDE TYPE D, LIQUID, TEMPERATURE CONTROLLED	3115	5.2	
ORGANIC PEROXIDE TYPE D, SOLID	3106	5.2	
ORGANIC PEROXIDE TYPE D, SOLID, TEMPERATURE CONTROLLED	3116	5.2	
ORGANIC PEROXIDE TYPE E, LIQUID	3107	5.2	
ORGANIC PEROXIDE TYPE E, LIQUID, TEMPERATURE CONTROLLED	3117	5.2	
ORGANIC PEROXIDE TYPE E, SOLID	3108	5.2	
ORGANIC PEROXIDE TYPE E, SOLID, TEMPERATURE CONTROLLED	3118	5.2	
ORGANIC PEROXIDE TYPE F, LIQUID	3109	5.2	
ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED	3119	5.2	
ORGANIC PEROXIDE TYPE F, SOLID	3110	5.2	
ORGANIC PEROXIDE TYPE F, SOLID, TEMPERATURE CONTROLLED	3120	5.2	
Organic peroxides, see 2.2.52.4 for an alphabetic list of currently assigned organic peroxides and see	3101 to 3120	5.2	
ORGANIC PIGMENTS, SELF-HEATING	3313	4.2	
ORGANOARSENIC COMPOUND, N.O.S., liquid	3280	6.1	
ORGANOARSENIC COMPOUND, N.O.S., solid	3280	6.1	
ORGANOCHLORINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	2762	3	
ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC	2996	6.1	
ORGANOCHLORINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	2995	6.1	
ORGANOCHLORINE PESTICIDE, SOLID, TOXIC	2761	6.1	
ORGANOMETALLIC COMPOUND DISPERSION, WATER-REACTIVE, FLAMMABLE, N.O.S.	3207	4.3	
ORGANOMETALLIC COMPOUND SOLUTION, WATER-REACTIVE, FLAMMABLE, N.O.S.	3207	4.3	
ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., liquid	3282	6.1	

Name and description	UN No.	Class	Remarks
ORGANOMETALLIC COMPOUND, TOXIC, N.O.S., solid	3282	6.1	
ORGANOMETALLIC COMPOUND, WATER-REACTIVE, FLAMMABLE, N.O.S.	3207	4.3	
ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., liquid	3278	6.1	
ORGANOPHOSPHORUS COMPOUND, TOXIC, N.O.S., solid	3278	6.1	
ORGANOPHOSPHORUS COMPOUND, TOXIC, FLAMMABLE, N.O.S.	3279	6.1	
ORGANOPHOSPHORUS PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	2784	3	
ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC	3018	6.1	
ORGANOPHOSPHORUS PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	3017	6.1	
ORGANOPHOSPHORUS PESTICIDE, SOLID, TOXIC	2783	6.1	
ORGANOTIN COMPOUND, LIQUID, N.O.S.	2788	6.1	
ORGANOTIN COMPOUND, SOLID, N.O.S.	3146	6.1	
ORGANOTIN PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	2787	3	
ORGANOTIN PESTICIDE, LIQUID, TOXIC	3020	6.1	
ORGANOTIN PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	3019	6.1	
ORGANOTIN PESTICIDE, SOLID, TOXIC	2786	6.1	
Orthophospohoric acid, see	1805	8	
OSMIUM TETROXIDE	2471	6.1	
OXIDIZING LIQUID, N.O.S.	3139	5.1	
OXIDIZING LIQUID, CORROSIVE, N.O.S.	3098	5.1	
OXIDIZING LIQUID, TOXIC, N.O.S.	3099	5.1	
OXIDIZING SOLID, N.O.S.	1479	5.1	
OXIDIZING SOLID, CORROSIVE, N.O.S.	3085	5.1	
OXIDIZING SOLID, FLAMMABLE, N.O.S.	3137	5.1	Carriage prohibited
OXIDIZING SOLID, SELF-HEATING, N.O.S.	3100	5.1	Carriage prohibited
OXIDIZING SOLID, TOXIC, N.O.S.	3087	5.1	
OXIDIZING SOLID, WATER-REACTIVE, N.O.S.	3121	5.1	Carriage prohibited
Oxirane, see	1040	2	
Oxygen and carbon dioxide mixture, see	1014	2	
OXYGEN, COMPRESSED	1072	2	
OXYGEN DIFLUORIDE, COMPRESSED	2190	2	
OXYGEN GENERATOR, CHEMICAL	3356	5.1	
Oxygen, mixture with rare gases, see	1980	2	
OXYGEN, REFRIGERATED LIQUID	1073	2	
1-Oxy -4-nitrobenzene, see	1663	6.1	
PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base)	1263 3066	3 8	
PAINT RELATED MATERIAL (including paint thinning and reducing compound)	1263 3066	3 8	

Name and description	UN No.	Class	Remarks
PAPER, UNSATURATED OIL TREATED, incompletely dried (including carbon paper)	1379	4.2	
Paraffin, see	1223	3	
PARAFORMALDEHYDE	2213	4.1	
PARALDEHYDE	1264	3	
PCBs, see	2315	9	
PENTABORANE	1380	4.2	
PENTACHLOROETHANE	1669	6.1	
PENTACHLOROPHENOL	3155	6.1	
PENTAERYTHRITE TETRANITRATE with not less than 7% wax, by mass	0411	1	
PENTAERYTHRITE TETRANITRATE, DESENSITIZED with not less than 15% phlegmatizer, by mass	0150	1	
PENTAERYTHRITE TETRANITRATE MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	3344	4.1	
PENTAERYTHRITE TETRANITRATE, WETTED with not less than 25% water, by mass	0150	1	
PENTAERYTHRITOL TETRANITRATE, see	0150 0411	1 1	
PENTAFLUOROETHANE	3220	2	
Pentafluoroethane, 1,1,1-trifluoroethane, and 1,1,1,2-tetrafluoroethane zeotropic mixture with approximately 44% pentafluoroethane and 52% 1,1,1-trifluoroethane, see	3337	2	
PENTAMETHYLHEPTANE	2286	3	
Pentanal, see	2058	3	
PENTANE-2,4-DIONE	2310	3	
PENTANES, liquid	1265	3	
n-Pentane, see	1265	3	
PENTANOLS	1105	3	
3-Pentanol, see	1105	3	
1-PENTENE	1108	3	
1-PENTOL	2705	8	
PENTOLITE, dry or wetted with less than 15% water, by mass	0151	1	
Pentyl nitrite, see	1113	3	
PERCHLORATES, INORGANIC, N.O.S.	1481	5.1	
PERCHLORATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	3211	5.1	
PERCHLORIC ACID with more than 50% but not more than 72% acid, by mass	1873	5.1	
PERCHLORIC ACID with not more than 50% acid, by mass	1802	8	
Perchlorobenzene, see	2729	6.1	
Perchlorocyclopentadiene, see	2646	6.1	
Perchloroethylene, see	1897	6.1	
PERCHLOROMETHYL MERCAPTAN	1670	6.1	
PERCHLORYL FLUORIDE	3083	2	
Perfluoroacetylchloride, see	3057	2	
PERFLUORO(ETHYL VINYL ETHER)	3154	2	
PERFLUORO(METHYL VINYL ETHER)	3153	2	
Perfluoropropane, see	2424	2	
PERFUMERY PRODUCTS with flammable solvents	1266	3	
PERMANGANATES, INORGANIC, N.O.S.	1482	5.1	

Name and description	UN No.	Class	Remarks
PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	3214	5.1	
PEROXIDES, INORGA NIC, N.O.S.	1483	5.1	
PERSULPHATES, INORGANIC, N.O.S.	3215	5.1	
PERSULPHATES, INORGANIC, AQUEOUS SOLUTION, N.O.S.	3216	5.1	
PESTICIDE, LIQUID, FLAMMABLE, TOXIC, N.O.S., flash-point less than 23 °C	3021	3	
PESTICIDE, LIQUID, TOXIC, N.O.S.	2902	6.1	
PESTICIDE, LIQUID, TOXIC, FLAMMABLE, N.O.S., flash-point not less than 23 °C	2903	6.1	
PESTICIDE, SOLID, TOXIC, N.O.S.	2588	6.1	
Pesticide, toxic, under compressed gas, n.o.s, see	1950	2	
PETN, see	0150 0411	1 1	
PETN/TNT, see	0151	1	
PETROL	1203	3	
PETROLEUM CRUDE OIL	1267	3	
PETROLEUM DISTILLATES, N.O.S.	1268	3	
Petroleum ether, see	1268	3	
PETROLEUM GASES, LIQUEFIED	1075	2	
Petroleum naphtha, see	1268	3	
Petroleum oil, see	1268	3	
PETROLEUM PRODUCTS, N.O.S.	1268	3	
Petroleum raffinate, see	1268	3	
Petroleum spirit, see	1268	3	

Name and description	UN No.	Class	Remarks
PHENACYL BROMIDE	2645	6.1	
PHENETIDINES	2311	6.1	
PHENOLATES, LIQUID	2904	8	
PHENOLATES, SOLID	2905	8	
PHENOL, MOLTEN	2312	6.1	
PHENOL, SOLID	1671	6.1	
PHENOL SOLUTION	2821	6.1	
PHENOLSULPHONIC ACID, LIQUID	1803	8	
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3346	3	
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC	3348	6.1	
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	3347	6.1	
PHENOXYACETIC ACID DERIVATIVE PESTICIDE, SOLID, TOXIC	3345	6.1	
PHENYLACETONITRILE, LIQUID	2470	6.1	
PHENYLACETYL CHLORIDE	2577	8	
Phenylamine, see	1547	6.1	
1-Phenylbutane, see	2709	3	
2-Phenylbutane, see	2709	3	
PHENYLCARBYLAMINE CHLORIDE	1672	6.1	
PHENYL CHLOROFORMATE	2746	6.1	
Phenyl cyanide, see	2224	6.1	
PHENYLENEDIAMINES (o-, m-, p-)	1673	6.1	

Name and description	UN No.	Class	Remarks
Phenylethylene, see	2055	3	
PHENYLHYDRAZINE	2572	6.1	
PHENYL ISOCYANATE	2487	6.1	
Phenylisocyanodichloride, see	1672	6.1	
PHENYL MERCAPTAN	2337	6.1	
PHENYLMERCURIC ACETATE	1674	6.1	
PHENYLMERCURIC COMPOUND, N.O.S.	2026	6.1	
PHENYLMERCURIC HYDROXIDE	1894	6.1	
PHENYLMERCURIC NITRATE	1895	6.1	
PHENYLPHOSPHORUS DICHLORIDE	2798	8	
PHENYLPHOSPHORUS THIODICHLORIDE	2799	8	
2-Phenylpropene, see	2303	3	
PHENYLTRICHLOROSILANE	1804	8	
PHOSGENE	1076	2	
9-PHOSPHABICYCLONONA-NES	2940	4.2	
PHOSPHINE	2199	2	
Phosphoretted hydrogen, see	2199	2	
PHOSPHORIC ACID, LIQUID	1805	8	
PHOSPHORIC ACID, SOLID	1805	8	
Phosphoric acid, anhydrous, see	1807	8	
PHOSPHOROUS ACID	2834	8	
PHOSPHORUS, AMORPHOUS	1338	4.1	
Phosphorus bromide, see	1808	8	
Phosphorus chloride, see	1809	6.1	
PHOSPHORUS HEPTASULPHIDE, free from yellow and white phosphorus	1339	4.1	
PHOSPHORUS OXYBROMIDE	1939	8	
PHOSPHORUS OXYBROMIDE, MOLTEN	2576	8	
PHOSPHORUS OXYCHLORIDE	1810	8	
PHOSPHORUS PENTABROMIDE	2691	8	
PHOSPHORUS PENTACHLORIDE	1806	8	
PHOSPHORUS PENTAFLUORIDE, COMPRESSED	2198	2	
PHOSPHORUS PENTASULPHIDE, free from yellow and white phosphorus	1340	4.3	
PHOSPHORUS PENTOXIDE	1807	8	
PHOSPHORUS SESQUISULPHIDE, free from yellow and white phosphorus	1341	4.1	
Phosphorus (V) sulphide, free from yellow and white phosphorus, see	1340	4.3	
Phosphorus sulphochloride, see	1837	8	
PHOSPHORUS TRIBROMIDE	1808	8	
PHOSPHORUS TRICHLORIDE	1809	6.1	
PHOSPHORUS TRIOXIDE	2578	8	
PHOSPHORUS TRISULPHIDE, free from yellow and white phosphorus	1343	4.1	
PHOSPHORUS, WHITE, DRY	1381	4.2	
PHOSPHORUS, WHITE IN SOLUTION	1381	4.2	
PHOSPHORUS, WHITE, MOLTEN	2447	4.2	
PHOSPHORUS, WHITE, UNDER WATER	1381	4.2	
PHOSPHORUS, YELLOW, DRY	1381	4.2	

Name and description	UN No.	Class	Remarks
PHOSPHORUS, YELLOW, IN SOLUTION	1381	4.2	
PHOSPHORUS, YELLOW, UNDER WATER	1381	4.2	
Phosphoryl chloride, see	1810	8	
PHTHALIC ANHYDRIDE with more than 0.05% of maleic anhydride	2214	8	
PICOLINES	2313	3	
PICRAMIDE, see	0153	1	
PICRIC ACID, see	0154	4.1	
PICRITE, see	0282	1	
PICRITE, WETTED, see	1336	4.1	
Picrotoxin, see	3172	6.1	
PICRYL CHLORIDE, see	0155	1	
alpha-PINENE	2368	3	
PINE OIL	1272	3	
PIPERAZINE	2579	8	
PIPERIDINE	2401	8	
Pivaloyl chloride, see	2438	6.1	
Plastic explosives , see	0084	1	
PLASTICS MOULDING COMPOUND in dough, sheet or extruded rope form evolving flammable vapour	3314	9	
PLASTICS, NITROCELLULOSE-BASED, SELF-HEATING, N.O.S.	2006	4.2	
POLYAMINES, FLAMMABLE, CORROSIVE, N.O.S.	2733	3	
POLYAMINES, LIQUID, CORROSIVE, N.O.S.	2735	8	
POLYAMINES, LIQUID, CORROSIVE, FLAMMABLE, N.O.S.	2734	8	
POLYAMINES, SOLID, CORROSIVE, N.O.S.	3259	8	
POLYCHLORINATED BIPHENYLS	2315	9	
POLYESTER RESIN KIT	3269	3	
POLYHALOGENATED BIPHENYLS, LIQUID	3151	9	
POLYHALOGENATED BIPHENYLS, SOLID	3152	9	
POLYHALOGENATED TERPHENYLS, LIQUID	3151	9	
POLYHALOGENATED TERPHENYLS, SOLID	3152	9	
POLYMERIC BEADS, EXPANDABLE, evolving flammable vapour	2211	9	
Polystyrene beads, expandable, see	2211	9	
POTASSIUM	2257	4.3	
POTASSIUM ARSENATE	1677	6.1	
POTASSIUM ARSENITE	1678	6.1	
Potassium bifluoride, see	1811	8	
Potassium bisulphate, see	2509	8	
Potassium bisulphite solution, see	2693	8	
POTASSIUM BOROHYDRIDE	1870	4.3	
POTASSIUM BROMATE	1484	5.1	
POTASSIUM CHLORATE	1485	5.1	
POTASSIUM CHLORATE, AQUEOUS SOLUTION	2427	5.1	
Potassium chlorate mixed with mineral oil, see	0083	1	
POTASSIUM CUPROCYANIDE	1679	6.1	
POTASSIUM CYANIDE	1680	6.1	
Potassium dicyanocuprate (I), see	1679	6.1	

Name and description	UN No.	Class	Remarks
POTASSIUM DITHIONITE	1929	4.2	
POTASSIUM FLUORIDE	1812	6.1	
POTASSIUM FLUOROACETATE	2628	6.1	
POTASSIUM FLUOROSILICATE	2655	6.1	
Potassium hexafluorosilicate, see	2655	6.1	
Potassium hydrate, see	1814	8	
POTASSIUM HYDROGENDIFLUORIDE	1811	8	
POTASSIUM HYDROGEN SULPHATE	2509	8	
POTASSIUM HYDROSULPHITE, see	1929	4.2	
Potassium hydroxide, liquid, see	1814	8	
POTASSIUM HYDROXIDE, SOLID	1813	8	
POTASSIUM HYDROXIDE SOLUTION	1814	8	
POTASSIUM METAL ALLOYS	1420	4.3	
POTASSIUM METAVANADATE	2864	6.1	
POTASSIUM MONOXIDE	2033	8	
POTASSIUM NITRATE	1486	5.1	
Potassium nitrate and sodium nitrate mixture, see	1499	5.1	
POTASSIUM NITRATE AND SODIUM NITRITE MIXTURE	1487	5.1	
POTASSIUM NITRITE	1488	5.1	
POTASSIUM PERCHLORATE	1489	5.1	
POTASSIUM PERMANGANATE	1490	5.1	
POTASSIUM PEROXIDE	1491	5.1	
POTASSIUM PERSULPHATE	1492	5.1	
POTASSIUM PHOSPHIDE	2012	4.3	

Name and description	UN No.	Class	Remarks
Potassium selenate, see	2630	6.1	
Potassium selenite, see	2630	6.1	
Potassium silicofluoride, see	2655	6.1	
POTASSIUM SODIUM ALLOYS	1422	4.3	
POTASSIUM SULPHIDE with less than 30% water of crystallization	1382	4.2	
POTASSIUM SULPHIDE, ANHYDROUS	1382	4.2	
POTASSIUM SULPHIDE, HYDRATED with not less than 30% water of crystallization	1847	8	
POTASSIUM SUPEROXIDE	2466	5.1	
Potassium tetracyanomercurate (II), see	1626	6.1	
POWDER CAKE, WETTED with not less than 17% alcohol, by mass	0433	1	
POWDER CAKE, WETTED with not less than 25% water, by mass	0159	1	
POWDER PASTE, see	0159	1	
	0433	1	
POWDER, SMOKELESS	0160	1	
	0161	1	
Power devices, explosive, see	0275	1	
	0276	1	
	0323	1	
	0381	1	
PRIMERS, CAP TYPE	0044	1	
	0377	1	
	0378	1	
Primers, small arms, see	0044	1	
PRIMERS, TUBULAR	0319	1	
	0320	1	
	0376	1	

Name and description	UN No.	Class	Remarks
PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable	1210	3	
Projectiles, illuminating, seee	0171	1	
	0254	1	
	0297	1	
PROJECTILES, inert with tracer	0345	1	
	0424	1	
	0425	1	
PROJECTILES with burster or expelling charge	0346	1	
	0347	1	
	0426	1	
	0427	1	
	0434	1	
	0435	1	
PROJECTILES with bursting charge	0167	1	
	0168	1	
	0169	1	
	0324	1	
	0344	1	
PROPADIENE, STABILIZED	2200	2	
Propadiene and methyl acetylene mixture, stabilized, see	1060	2	
PROPANE	1978	2	
PROPANETHIOLS	2402	3	
n-PROPANOL	1274	3	
PROPELLANT, LIQUID	0495	1	
	0497	1	
PROPELLANT, SOLID	0498	1	
	0499	1	
	0501	1	
Propellant with a single base, Propellant with a double base, Propellant with a triple base, see	0160	1	
	0161	1	
Propene, see	1077	2	
PROPIONALDEHYDE	1275	3	
PROPIONIC ACID	1848	8	
PROPIONIC ANHYDRIDE	2496	8	
PROPIONITRILE	2404	3	
PROPIONYL CHLORIDE	1815	3	
n-PROPYL ACETATE	1276	3	
PROPYL ALCOHOL, NORMAL, see	1274	3	
PROPYLAMINE	1277	3	
n-PROPYLBENZENE	2364	3	
PROPYL CHLORIDE	1278	3	
n-PROPYL CHLOROFORMATE	2740	6.1	
PROPYLENE	1077	2	
PROPYLENE CHLOROHYDRIN	2611	6.1	
1,2-PROPYLENEDIAMINE	2258	8	
Propylene dichloride, see	1279	3	
PROPYLENEIMINE, STABILIZED	1921	3	
PROPYLENE OXIDE	1280	3	
PROPYLENE TETRAMER	2850	3	
Propylene trimer, see	2057	3	
PROPYL FORMATES	1281	3	
n-PROPYL ISOCYANATE	2482	6.1	
Propyl mercaptan, see	2402	3	
n-PROPYL NITRATE	1865	3	
PROPYLTRICHLOROSILANE	1816	8	
Pyrazine hexahydride, see	2579	8	
PYRETHROID PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	3350	3	
PYRETHROID PESTICIDE, LIQUID, TOXIC	3352	6.1	

Name and description	UN No.	Class	Remarks
PYRETHROID PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	3351	6.1	
PYRETHROID PESTICIDE, SOLID, TOXIC	3349	6.1	
PYRIDINE	1282	3	
PYROPHORIC ALLOY, N.O.S.	1383	4.2	
PYROPHORIC LIQUID, INORGANIC, N.O.S.	3194	4.2	
PYROPHORIC LIQUID, ORGANIC, N.O.S.	2845	4.2	
PYROPHORIC METAL, N.O.S.	1383	4.2	
PYROPHORIC ORGANOMETALLIC COMPOUND, WATER-REACTIVE, N.O.S., liquid	3203	4.2	
PYROPHORIC ORGANOMETALLIC COMPOUND, WATER-REACTIVE, N.O.S., solid	3203	4.2	
PYROPHORIC SOLID, INORGANIC, N.O.S.	3200	4.2	
PYROPHORIC SOLID, ORGANIC, N.O.S.	2846	4.2	
PYROSULPHURYL CHLORIDE	1817	8	
Pyroxylin solution, see	2059	3	
PYRROLIDINE	1922	3	
Quinol, see	2662	6.1	
QUINOLINE	2656	6.1	
Quinone, see	2587	6.1	
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - ARTICLES MANUFACTURED FROM NATURAL URANIUM or DEPLETED URANIUM or NATURAL THORIUM	2909	7	
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - EMPTY PACKAGING	2908	7	
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - INSTRUMENTS or ARTICLES	2911	7	
RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - LIMITED QUANTITY OF MATERIAL	2910	7	
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), non fissile or fissile-excepted	2912	7	
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE	3324	7	
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), non fissile or fissile-excepted	3321	7	
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, (LSA-III), FISSILE	3325	7	
RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), non fissile or fissile-excepted	3322	7	
RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), FISSILE	3326	7	
RADIOACTIVE MATERIAL, SURFACE CONTAMINATED OBJECTS (SCO-I or SCO-II), non fissile or fissile-excepted	2913	7	
RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, FISSILE	3331	7	
RADIOACTIVE MATERIAL, TRANSPORTED UNDER SPECIAL ARRANGEMENT, non fissile or fissile-excepted	2919	7	

Name and description	UN No.	Class	Remarks
RADIOACTIVE MATERIAL, TYPE A PACKAGE, FISSILE, non-special form	3327	7	
RADIOACTIVE MATERIAL, TYPE A PACKAGE, non-special form, non fissile or fissile-excepted	2915	7	
RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, FISSILE	3333	7	
RADIOACTIVE MATERIAL, TYPE A PACKAGE, SPECIAL FORM, non fissile or fissile-excepted	3332	7	
RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, FISSILE	3329	7	
RADIOACTIVE MATERIAL, TYPE B(M) PACKAGE, non fissile or fissile-excepted	2917	7	
RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, FISSILE	3328	7	
RADIOACTIVE MATERIAL, TYPE B(U) PACKAGE, non fissile or fissile-excepted	2916	7	
RADIOACTIVE MATERIAL, TYPE C PACKAGE, FISSILE	3330	7	
RADIOACTIVE MATERIAL, TYPE C PACKAGE, non fissile or fissile-excepted	3323	7	
RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, FISSILE	2977	7	
RADIOACTIVE MATERIAL, URANIUM HEXAFLUORIDE, non fissile or fissile-excepted	2978	7	
RARE GASES AND NITROGEN MIXTURE, COMPRESSED	1981	2	
RARE GASES AND OXYGEN MIXTURE, COMPRESSED	1980	2	
RARE GASES MIXTURE, COMPRESSED	1979	2	
RDX, see	0072 0391 0483	1 1 1	
RECEPTACLES, SMALL, CONTAINING GAS without a release device, non-refillable	2037	2	
Red phosphorus, see	1338	4.1	
REFRIGERANT GAS, N.O.S., such as mixture F1, mixture F2 or mixture P2	1078	2	
REFRIGERANT GAS R 12, see	1028	2	
REFRIGERANT GAS R 12B1, see	1974	2	
REFRIGERANT GAS R 13, see	1022	2	
REFRIGERANT GAS R 13B1, see	1009	2	
REFRIGERANT GAS R 14, COMPRESSED, see	1982	2	
REFRIGERANT GAS R 21, see	1029	2	
REFRIGERANT GAS R 22, see	1018	2	
REFRIGERANT GAS R 23, see	1984	2	
REFRIGERANT GAS R 32, see	3252	2	
REFRIGERANT GAS R 40, see	1063	2	
REFRIGERANT GAS R 41, see	2454	2	
REFRIGERANT GAS R 114, see	1958	2	
REFRIGERANT GAS R 115, see	1020	2	
REFRIGERANT GAS R 116, COMPRESSED, see	2193	2	
REFRIGERANT GAS R 124, see	1021	2	
REFRIGERANT GAS R 125, see	3220	2	
REFRIGERANT GAS R 133a, see	1983	2	
REFRIGERANT GAS R 134a, see	3159	2	
REFRIGERANT GAS R 142b, see	2517	2	

Name and description	UN No.	Class	Remarks
REFRIGERANT GAS R 143a, see	2035	2	
REFRIGERANT GASR 152a, see	1030	2	
REFRIGERANT GAS R 161, see	2453	2	
REFRIGERANT GAS R 218, see	2424	2	
REFRIGERANT GAS R 227, see	3296	2	
REFRIGERANT GAS R 404A	3337	2	
REFRIGERANT GAS R 407A	3338	2	
REFRIGERANT GAS R 407B	3339	2	
REFRIGERANT GAS R 407C	3340	2	
REFRIGERANT GAS R 500, see	2602	2	
REFRIGERANT GAS R 502, see	1973	2	
REFRIGERANT GAS R 503, see	2599	2	
REFRIGERANT GAS R 1132a, see	1959	2	
REFRIGERANT GAS R 1216, see	1858	2	
REFRIGERANT GAS R 1318, see	2422	2	
REFRIGERANT GAS RC 318, see	1976	2	
REFRIGERATING MACHINES containing flammable, non-toxic, liquefied gas	3358	2	
REFRIGERATING MACHINES containing non-flammable, non-toxic, liquefied gas or ammonia solutions (UN 2672)	2857	2	
REGULATED MEDICAL WASTE, N.O.S.	3291	6.2	
RELEASE DEVICES, EXPLOSIVE	0173	1	
RESIN SOLUTION, flammable	1866	3	
Resorcin, see	2876	6.1	
RESORCINOL	2876	6.1	
RIVETS, EXPLOSIVE	0174	1	
ROCKET MOTORS	0186	1	
	0280	1	
	0281	1	
ROCKET MOTORS, LIQUID FUELLED	0395	1	
	0396	1	
ROCKET MOTORS WITH HYPERGOLIC LIQUIDS with or without expelling charge	0250	1	
	0322	1	
ROCKETS with bursting charge	0180	1	
	0181	1	
	0182	1	
	0295	1	
ROCKETS with expelling charge	0436	1	
	0437	1	
	0438	1	
ROCKETS with inert head	0183	1	
	0502	1	
ROCKETS, LINE-THROWING	0238	1	
	0240	1	
	0453	1	
ROCKETS, LIQUID FUELLED with bursting charge	0397	1	
	0398	1	
ROSIN OIL	1286	3	
RUBBER SCRAP, powdered or granulated	1345	4.1	
RUBBER SHODDY, powdered or granulated	1345	4.1	
RUBBER SOLUTION	1287	3	
RUBIDIUM	1423	4.3	
RUBIDIUM HYDROXIDE	2678	8	
RUBIDIUM HYDROXIDE SOLUTION	2677	8	
Saltpetre, see	1486	5.1	
SAMPLES, EXPLOSIVE, other than initiating explosive	0190	1	
Sand acid, see	1778	8	

Name and description	UN No.	Class	Remarks
SEAT-BELT PRETENSIONERS, COMPRESSED GAS	3353	2	
SEAT-BELT PRETENSIONERS, PYROTECHNIC	0503	1	
SEAT-BELT PRETENSIONERS, pyrotechnic	3268	9	
SEED CAKE with more than 1.5% oil and not more than 11% moisture	1386	4.2	
SEED CAKE with not more than 1.5% oil and not more than 11% moisture	2217	4.2	
Seed expellers, see	1386 2217	4.2 4.2	
SELENATES	2630	6.1	
SELENIC ACID	1905	8	
SELENITES	2630	6.1	
SELENIUM COMPOUND, N.O.S.	3283	6.1	
SELENIUM DISULPHIDE	2657	6.1	
SELENIUM HEXAFLUORIDE	2194	2	
SELENIUM OXYCHLORIDE	2879	8	
SELF-HEATING LIQUID, CORROSIVE, INORGANIC, N.O.S.	3188	4.2	
SELF-HEATING LIQUID, CORROSIVE, ORGANIC, N.O.S.	3185	4.2	
SELF-HEATING LIQUID, INORGANIC, N.O.S.	3186	4.2	
SELF-HEATING LIQUID, ORGANIC, N.O.S.	3183	4.2	
SELF-HEATING LIQUID, TOXIC, INORGANIC, N.O.S.	3187	4.2	
SELF-HEATING LIQUID, TOXIC, ORGANIC, N.O.S.	3184	4.2	
SELF-HEATING SOLID, CORROSIVE, INORGANIC, N.O.S.	3192	4.2	
SELF-HEATING SOLID, CORROSIVE, ORGANIC, N.O.S.	3126	4.2	
SELF-HEATING SOLID, INORGANIC, N.O.S.	3190	4.2	
SELF-HEATING SOLID, ORGANIC, N.O.S.	3088	4.2	
SELF-HEATING SOLID, OXIDIZING, N.O.S	3127	4.2	Carriage prohibited
SELF-HEATING SOLID, TOXIC, INORGANIC, N.O.S.	3191	4.2	
SELF-HEATING SOLID, TOXIC, ORGANIC, N.O.S.	3128	4.2	
SELF-REACTIVE LIQUID TYPE B	3221	4.1	
SELF-REACTIVE LIQUID TYPE B, TEMPERATURE CONTROLLED	3231	4.1	
SELF-REACTIVE LIQUID TYPE C	3223	4.1	
SELF-REACTIVE LIQUID TYPE C, TEMPERATURE CONTROLLED	3233	4.1	
SELF-REACTIVE LIQUID TYPE D	3225	4.1	
SELF-REACTIVE LIQUID TYPE D, TEMPERATURE CONTROLLED	3235	4.1	
SELF-REACTIVE LIQUID TYPE E	3227	4.1	
SELF-REACTIVE LIQUID TYPE E, TEMPERATURE CONTROLLED	3237	4.1	
SELF-REACTIVE LIQUID TYPE F	3229	4.1	
SELF-REACTIVE LIQUID TYPE F, TEMPERATURE CONTROLLED	3239	4.1	

Name and description	UN No.	Class	Remarks
SELF-REACTIVE SOLID TYPE B	3222	4.1	
SELF-REACTIVE SOLID TYPE B, TEMPERATURE CONTROLLED	3232	4.1	
SELF-REACTIVE SOLID TYPE C	3224	4.1	
SELF-REACTIVE SOLID TYPE C, TEMPERATURE CONTROLLED	3234	4.1	
SELF-REACTIVE SOLID TYPE D	3226	4.1	
SELF-REACTIVE SOLID TYPE D, TEMPERATURE CONTROLLED	3236	4.1	
SELF-REACTIVE SOLID TYPE E	3228	4.1	
SELF-REACTIVE SOLID TYPE E, TEMPERATURE CONTROLLED	3238	4.1	
SELF-REACTIVE SOLID TYPE F	3230	4.1	
SELF-REACTIVE SOLID TYPE F, TEMPERATURE CONTROLLED	3240	4.1	
SHALE OIL	1288	3	
Shaped charges, see	0059	1	
	0439	1	
	0440	1	
	0441	1	
SIGNAL DEVICES, HAND	0191	1	
	0373	1	
SIGNALS, DISTRESS, ship	0194	1	
	0195	1	
Signals, distress, ship, water-activated, see	0249	1	
SIGNALS, RAILWAY TRACK, EXPLOSIVE	0192	1	
	0193	1	
	0492	1	
	0493	1	
SIGNALS, SMOKE	0196	1	
	0197	1	
	0313	1	
	0487	1	
SILANE, COMPRESSED	2203	2	
Silicofluoric acid, see	1778	8	
Silicofluorides, n.o.s., see	2856	6.1	
Silicon chloride, see	1818	8	
SILICON POWDER, AMORPHOUS	1346	4.1	
SILICON TETRACHLORIDE	1818	8	
SILICON TETRAFLUORIDE, COMPRESSED	1859	2	
SILVER ARSENITE	1683	6.1	
SILVER CYANIDE	1684	6.1	
SILVER NITRATE	1493	5.1	
SILVER PICRATE, WETTED with not less than 30% water, by mass	1347	4.1	
SLUDGE ACID	1906	8	
SODA LIME with more than 4% sodium hydroxide	1907	8	
SODIUM	1428	4.3	
Sodium aluminate, solid	2812	8	Not subject to ADR
SODIUM ALUMINATE SOLUTION	1819	8	
SODIUM ALUMINIUM HYDRIDE	2835	4.3	
SODIUM AMMONIUM VANADATE	2863	6.1	
SODIUM ARSANILATE	2473	6.1	
SODIUM ARSENATE	1685	6.1	
SODIUM ARSENITE, AQUEOUS SOLUTION	1686	6.1	

Name and description	UN No.	Class	Remarks
SODIUM ARSENITE, SOLID	2027	6.1	
SODIUM AZIDE	1687	6.1	
Sodium bifluoride, see	2439	8	
Sodium binoxide, see	1504	5.1	
Sodium bisulphite solution, see	2693	8	
SODIUM BOROHYDRIDE	1426	4.3	
SODIUM BOROHYDRIDE AND SODIUM HYDROXIDE SOLUTION, with not more than 12% sodium borohydride and not more than 40% sodium hydroxide by mass	3320	8	
SODIUM BROMATE	1494	5.1	
SODIUM CACODYLATE	1688	6.1	
SODIUM CHLORATE	1495	5.1	
SODIUM CHLORATE, AQUEOUS SOLUTION	2428	5.1	
Sodium chlorate mixed with dinitrotoluene, see	0083	1	
SODIUM CHLORITE	1496	5.1	
SODIUM CHLOROACETATE	2659	6.1	
SODIUM CUPROCYANIDE, SOLID	2316	6.1	
SODIUM CUPROCYANIDE SOLUTION	2317	6.1	
SODIUM CYANIDE	1689	6.1	
Sodium dicyanocuprate (I), solid, see	2316	6.1	
Sodium dicyanocuprate (I) solution, see	2317	6.1	
Sodium dimethylarsenate, see	1688	6.1	
SODIUM DINITRO-o-CRESOLATE, dry or wetted with less than 15% water, by mass	0234	1	
SODIUM DINITRO-o-CRESOLATE, WETTED with not less than 10% water, by mass	0234	4.1	
SODIUM DINITRO-o-CRESOLATE, WETTED with not less than 15% water, by mass	1348	4.1	
Sodium dioxide, see	1504	5.1	
SODIUM DITHIONITE	1384	4.2	
SODIUM FLUORIDE	1690	6.1	
SODIUM FLUOROACETATE	2629	6.1	
SODIUM FLUOROSILICATE	2674	6.1	
Sodium hexafluorosilicate, see	2674	6.1	
Sodium hydrate, see	1824	8	
SODIUM HYDRIDE	1427	4.3	
Sodium hydrogen 4-amino-phenylarsenate, see	2473	6.1	
SODIUM HYDROGENDIFLUORIDE	2439	8	
SODIUM HYDROSULPHIDE with less than 25% water of crystallization	2318	4.2	
SODIUM HYDROSULPHIDE with not less than 25% water of crystallization	2949	8	
SODIUM HYDROSULPHITE, see	1384	4.2	
SODIUM HYDROXIDE, SOLID	1823	8	
SODIUM HYDROXIDE SOLUTION	1824	8	
Sodium metasilicate pentahydrate, see	3253	8	
SODIUM METHYLATE	1431	4.2	
SODIUM METHYLATE SOLUTION in alcohol	1289	3	
SODIUM MONOXIDE	1825	8	
SODIUM NITRATE	1498	5.1	
SODIUM NITRATE AND POTASSIUM NITRATE MIXTURE	1499	5.1	

Name and description	UN No.	Class	Remarks
SODIUM NITRITE	1500	5.1	
Sodium nitrite and potassium nitrate mixture, see	1487	5.1	
SODIUM PENTACHLOROPHENATE	2567	6.1	
SODIUM PERCHLORATE	1502	5.1	
SODIUM PERMANGANATE	1503	5.1	
SODIUM PEROXIDE	1504	5.1	
SODIUM PEROXOBORATE, ANHYDROUS	3247	5.1	
SODIUM PERSULPHATE	1505	5.1	
SODIUM PHOSPHIDE	1432	4.3	
SODIUM PICRAMATE, dry or wetted with less than 20% water, by mass	0235	1	
SODIUM PICRAMATE, WETTED with not less than 20% water, by mass	1349	4.1	
Sodium potassium alloys, see	1422	4.3	
Sodium selenate, see	2630	6.1	
Sodium selenite, see	2630	6.1	
Sodium silicofluoride, see	2674	6.1	
SODIUM SULPHIDE, ANHYDROUS	1385	4.2	
SODIUM SULPHIDE with less than 30% water of crystallization	1385	4.2	
SODIUM SULPHIDE, HYDRATED with not less than 30% water	1849	8	
SODIUM SUPEROXIDE	2547	5.1	
SOLIDS CONTAINING CORROSIVE LIQUID, N.O.S.	3244	8	
SOLIDS or mixtures of solids (such as preparations and wastes) CONTAINING FLAMMABLE LIQUID, N.O.S. having a flash-point up to 61°C	3175	4.1	
SOLIDS CONTAINING TOXIC LIQUID, N.O.S.	3243	6.1	
Solvents, flammable, n.o.s., see	1993	3	
Solvents, flammable, toxic, n.o.s., see	1992	3	
SOUNDING DEVICES, EXPLOSIVE	0204 0296 0374 0375	1 1 1 1	
Squibs, see	0325 0454	1 1	
STANNIC CHLORIDE, ANHYDROUS	1827	8	
STANNIC CHLORIDE PENTAHYDRATE	2440	8	
STANNIC PHOSPHIDES	1433	4.3	
Steel swarf, see	2793	4.2	
STIBINE	2676	2	
Straw	1327	4.1	Not subject to ADR
Strontium alloys, pyrophoric, see	1383	4.2	
STRONTIUM ARSENITE	1691	6.1	
STRONTIUM CHLORATE	1506	5.1	
Strontium dioxide, see	1509	5.1	
STRONTIUM NITRATE	1507	5.1	
STRONTIUM PERCHLORATE	1508	5.1	
STRONTIUM PEROXIDE	1509	5.1	
STRONTIUM PHOSPHIDE	2013	4.3	
STRYCHNINE	1692	6.1	
STRYCHNINE SALTS	1692	6.1	
STYPHNIC ACID, see	0219 0394	1 1	
STYRENE MONOMER, STABILIZED	2055	3	

Name and description	UN No.	Class	Remarks
SUBSTANCES, EVI, N.O.S., see	0482	1	
SUBSTANCES, EXPLOSIVE, N.O.S.	0357	1	
	0358	1	
	0359	1	
	0473	1	
	0474	1	
	0475	1	
	0476	1	
	0477	1	
	0478	1	
	0479	1	
	0480	1	
	0481	1	
	0485	1	
SUBSTANCES, EXPLOSIVE, VERY INSENSITIVE, N.O.S.	0482	1	
Substances liable to spontaneous combustion, n.o.s., see	2845	4.2	
	2846	4.2	
	3194	4.2	
	3200	4.2	
SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	2780	3	
SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC	3014	6.1	
SUBSTITUTED NITROPHENOL PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	3013	6.1	
SUBSTITUTED NITROPHENOL PESTICIDE, SOLID, TOXIC	2779	6.1	
SULPHAMIC ACID	2967	8	
SULPHUR	1350	4.1	
SULPHUR CHLORIDES	1828	8	
Sulphur dichloride, see	1828	8	
SULPHUR DIOXIDE	1079	2	
Sulphuretted hydrogen, see	1053	2	
SULPHUR HEXAFLUORIDE	1080	2	

Name and description	UN No.	Class	Remarks
SULPHURIC ACID with more than 51% acid	1830	8	
SULPHURIC ACID with not more than 51% acid	2796	8	
SULPHURIC ACID, FUMING	1831	8	
SULPHURIC ACID, SPENT	1832	8	
Sulphuric and hydrofluoric acid mixture, see	1786	8	
SULPHUR, MOLTEN	2448	4.1	
Sulphur monochloride, see	1828	8	
SULPHUROUS ACID	1833	8	
SULPHUR TETRAFLUORIDE	2418	2	
SULPHUR TRIOXIDE, STABILIZED	1829	8	
SULPHURYL CHLORIDE	1834	8	
SULPHURYL FLUORIDE	2191	2	
Synthesis gas, see	2600	2	
Talcum with tremolite and/or actinolite, see	2590	9	
TARS, LIQUID	1999	3	
Tartar emetic, see	1551	6.1	
TEAR GAS CANDLES	1700	6.1	
TEAR GAS SUBSTANCE, LIQUID, N.O.S.	1693	6.1	
TEAR GAS SUBSTANCE, SOLID, N.O.S.	1693	6.1	
TELLURIUM COMPOUND, N.O.S.	3284	6.1	
TELLURIUM HEXAFLUORIDE	2195	2	
TERPENE HYDROCARBONS, N.O.S.	2319	3	
TERPINOLENE	2541	3	
TETRABROMOETHANE	2504	6.1	

Name and description	UN No.	Class	Remarks
TETRACHLOROETHANE	1702	6.1	
TETRACHLOROETHYLENE	1897	6.1	
TETRAETHYL DITHIOPYROPHOSPHATE	1704	6.1	
TETRAETHYLENE-PENTAMINE	2320	8	
Tetraethyl lead, see	1649	6.1	
TETRAETHYL SILICATE	1292	3	
Tetraethyoxysilane, see	1292	3	
Tetrafluorodichloroethane, see	1958	2	
1,1,1,2-TETRAFLUOROETHANE	3159	2	
TETRAFLUOROETHYLENE, STABILIZED	1081	2	
TETRAFLUOROMETHANE, COMPRESSED	1982	2	
1,2,3,6-TETRAHYDRO-BENZALDEHYDE	2498	3	
TETRAHYDROFURAN	2056	3	
TETRAHYDROFURFU-RYLAMINE	2943	3	
Tetrahydro-1,4-oxazine, see	2054	3	
TETRAHYDROPHTHALIC ANHYDRIDES with more than 0.05% of maleic anhydride	2698	8	
1,2,3,6-TETRAHYDRO-PYRIDINE	2410	3	
TETRAHYDROTHIOPHENE	2412	3	
Tetramethoxysilane, see	2606	6.1	
TETRAMETHYLAMMONIUM HYDROXIDE	1835	8	
Tetramethylene, see	2601	2	
Tetramethylene cyanide, see	2205	6.1	
Tetramethyl lead, see	1649	6.1	
TETRAMETHYLSILANE	2749	3	

Name and description	UN No.	Class	Remarks
TETRANITROANILINE	0207	1	
TETRANITROMETHANE	1510	5.1	
TETRAPROPYL ORTHOTITANATE	2413	3	
TETRAZENE, WETTED with not less than 30% water, or mixture of alcohol and water, by mass, see	0114	1	
TETRAZOL-1-ACETIC ACID	0407	1	
1H-TETRAZOLE	0504	1	
TETRYL, see	0208	1	
THALLIUM CHLORATE	2573	5.1	
Thallium (I) chlorate, see	2573	5.1	
THALLIUM COMPOUND, N.O.S.	1707	6.1	
THALLIUM NITRATE	2727	6.1	
Thallium (I) nitrate, see	2727	6.1	
Thallous chlorate, see	2573	5.1	
4-THIAPENTANAL	2785	6.1	
Thia-4-pentanal, see	2785	6.1	
THIOACETIC ACID	2436	3	
THIOCARBAMATE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	2772	3	
THIOCARBAMATE PESTICIDE, LIQUID, TOXIC	3006	6.1	
THIOCARBAMATE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	3005	6.1	
THIOCARBAMATE PESTICIDE, SOLID, TOXIC	2771	6.1	
THIOGLYCOL	2966	6.1	
THIOGLYCOLIC ACID	1940	8	
THIOLACTIC ACID	2936	6.1	

Name and description	UN No.	Class	Remarks
THIONYL CHLORIDE	1836	8	
THIOPHENE	2414	3	
Thiophenol, see	2337	6.1	
THIOPHOSGENE	2474	6.1	
THIOPHOSPHORYL CHLORIDE	1837	8	
THIOUREA DIOXIDE	3341	4.2	
Tin (IV) chloride, anhydrous, see	1827	8	
Tin (IV) chloride pentahydrate, see	2440	8	
TINCTURES, MEDICINAL	1293	3	
Tin tetrachloride, see	1827	8	
TITANIUM DISULPHIDE	3174	4.2	
TITANIUM HYDRIDE	1871	4.1	
TITANIUM POWDER, DRY	2546	4.2	
TITANIUM POWDER, WETTED with not less than 25% water	1352	4.1	
TITANIUM SPONGE GRANULES	2878	4.1	
TITANIUM SPONGE POWDERS	2878	4.1	
TITANIUM TETRACHLORIDE	1838	8	
TITANIUM TRICHLORIDE MIXTURE	2869	8	
TITANIUM TRICHLORIDE MIXTURE, PYROPHORIC	2441	4.2	
TITANIUM TRICHLORIDE, PYROPHORIC	2441	4.2	
TNT, see	0209 0388 0389	1 1 1	
TNT mixed with aluminium, see	0390	1	
Toe puffs, nitrocellulose base, see	1353	4.1	
TOLUENE	1294	3	
TOLUENE DIISOCYANATE	2078	6.1	
TOLUIDINES, LIQUID	1708	6.1	
TOLUIDINES, SOLID	1708	6.1	
Toluol, see	1294	3	
2,4-TOLUYLENEDIAMINE	1709	6.1	
Toluylene diisocyanate, see	2078	6.1	
Tolylene diisocyanate, see	2078	6.1	
Tolylethylene, inhibited, see	2618	3	
TORPEDOES with bursting charge	0329 0330 0451	1 1 1	
TORPEDOES, LIQUID FUELLED with inert head	0450	1	
TORPEDOES, LIQUID FUELLED with or without bursting charge	0449	1	
TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.	3289	6.1	
TOXIC LIQUID, CORROSIVE, ORGANIC, N.O.S.	2927	6.1	
TOXIC LIQUID, FLAMMABLE, ORGANIC, N.O.S.	2929	6.1	
TOXIC LIQUID, INORGANIC, N.O.S.	3287	6.1	
TOXIC LIQUID, ORGANIC, N.O.S.	2810	6.1	
TOXIC LIQUID, OXIDIZING, N.O.S.	3122	6.1	
TOXIC LIQUID, WATER-REACTIVE, N.O.S.	3123	6.1	
TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S.	3290	6.1	
TOXIC SOLID, CORROSIVE, ORGANIC, N.O.S.	2928	6.1	
TOXIC SOLID, FLAMMABLE, ORGANIC, N.O.S.	2930	6.1	

Name and description	UN No.	Class	Remarks
TOXIC SOLID, INORGANIC, N.O.S.	3288	6.1	
TOXIC SOLID, ORGANIC, N.O.S.	2811	6.1	
TOXIC SOLID, OXIDIZING, N.O.S.	3086	6.1	
TOXIC SOLID, SELF-HEATING, N.O.S.	3124	6.1	
TOXIC SOLID, WATER-REACTIVE, N.O.S.	3125	6.1	
TOXINS, EXTRACTED FROM LIVING SOURCES, LIQUID, N.O.S.	3172	6.1	
TOXINS, EXTRACTED FROM LIVING SOURCES, SOLID, N.O.S.	3172	6.1	
TRACERS FOR AMMUNITION	0212	1	
	0306	1	
Tremolite, see	2590	9	
TRIALLYLAMINE	2610	3	
TRIALLYL BORATE	2609	6.1	
TRIAZINE PESTICIDE, LIQUID, FLAMMABLE, TOXIC, flash-point less than 23 °C	2764	3	
TRIAZINE PESTICIDE, LIQUID, TOXIC	2998	6.1	
TRIAZINE PESTICIDE, LIQUID, TOXIC, FLAMMABLE, flash-point not less than 23 °C	2997	6.1	
TRIAZINE PESTICIDE, SOLID, TOXIC	2763	6.1	
Tribromoborane, see	2692	8	
TRIBUTYLAMINE	2542	6.1	
TRIBUTYLPHOSPHANE	3254	4.2	
Trichloroacetaldehyde, see	2075	6.1	
TRICHLOROACETIC ACID	1839	8	
TRICHLOROACETIC ACID SOLUTION	2564	8	
Trichlororaceticaldehyde, see	2075	6.1	
TRICHLOROACETYL CHLORIDE	2442	8	
TRICHLOROBENZENES, LIQUID	2321	6.1	
TRICHLOROBUTENE	2322	6.1	
1,1,1-TRICHLOROETHANE	2831	6.1	
TRICHLOROETHYLENE	1710	6.1	
TRICHLOROISOCYANURIC ACID, DRY	2468	5.1	
Trichloronitromethane, see	1580	6.1	
TRICHLOROSILANE	1295	4.3	
1,3,5-Trichloro-s-triazine-2,4,6-trione, see	2468	5.1	
2,4,6-Trichloro-1,3,5-triazine, see	2670	8	
TRICRESYL PHOSPHATE with more than 3% ortho isomer	2574	6.1	
TRIETHYLAMINE	1296	3	
Triethyl borate, see	1176	3	
TRIETHYLENETETRAMINE	2259	8	
Triethyl orthoformate, see	2524	3	
TRIETHYL PHOSPHITE	2323	3	
TRIFLUOROACETIC ACID	2699	8	
TRIFLUOROACETYL CHLORIDE	3057	2	
Trifluorobromomethane, see	1009	2	
Trifluorochloroethane, see	1983	2	
TRIFLUOROCHLORO-ETHYLENE, STABILIZED	1082	2	
Trifluorochloromethane, see	1022	2	
1,1,1-TRIFLUOROETHANE	2035	2	

Name and description	UN No.	Class	Remarks
TRIFLUOROMETHANE	1984	2	
TRIFLUOROMETHANE, REFRIGERATED LIQUID	3136	2	
2-TRIFLUOROMETHYLA - NILINE	2942	6.1	
3-TRIFLUOROMETHYLA - NILINE	2948	6.1	
TRIISOBUTYLENE	2324	3	
TRIISOPROPYL BORATE	2616	3	
TRIMETHYLACETYL CHLORIDE	2438	6.1	
TRIMETHYLAMINE, ANHYDROUS	1083	2	
TRIMETHYLAMINE, AQUEOUS SOLUTION, not more than 50% trimethylamine, by mass	1297	3	
1,3,5-TRIMETHYLBENZENE	2325	3	
TRIMETHYL BORATE	2416	3	
TRIMETHYLCHLOROSILANE	1298	3	
TRIMETHYLCYCLO-HEXYLAMINE	2326	8	
Trimethylene chlorobromide, see	2688	6.1	
TRIMETHYLHEXA - METHYLENEDIAMINES	2327	8	
TRIMETHYLHEXAMETHY-LENE DIISOCYANATE	2328	6.1	
2,4,4-Trimethylpentene-1, see	2050	3	
2,4,4-Trimethylpentene-2, see	2050	3	
TRIMETHYL PHOSPHITE	2329	3	
TRINITROANILINE	0153	1	
TRINITROANISOLE	0213	1	
TRINITROBENZENE, dry or wetted with less than 30% water, by mass	0214	1	
TRINITROBENZENE, wetted with not less than 10% water, by mass	0214	4.1	
TRINITROBENZENE, WETTED with not less than 30% water, by mass	1354	4.1	
TRINITROBENZENE-SULPHONIC ACID	0386	1	
TRINITROBENZOIC ACID, dry or wetted with less than 30% water, by mass	0215	1	
TRINITROBENZOIC ACID, wetted with not less than 10% water, by mass	0215	4.1	
TRINITROBENZOIC ACID, WETTED with not less than 30% water, by mass	1355	4.1	
TRINITROCHLOROBENZENE	0155	1	
TRINITROCHLOROBENZENE wetted with not less than 10% water, by mass	0155	4.1	
TRINITRO-m-CRESOL	0216	1	
TRINITROFLUORENONE	0387	1	
TRINITRONAPHTHALENE	0217	1	
TRINITROPHENETOLE	0218	1	
TRINITROPHENOL, dry or wetted with less than 30% water, by mass	0154	1	
TRINITROPHENOL, WETTED with not less than 30% water, by mass	1344	4.1	
TRINITROPHENOL wetted with not less than 10% water, by mass	0154	4.1	
TRINITROPHENYLMETHYL-NITRAMINE	0208	1	
TRINITRORESORCINOL, dry or wetted with less than 20% water, or mixture of alcohol and water, by mass	0219	1	

Name and description	UN No.	Class	Remarks
TRINITRORESORCINOL, WETTED with not less than 20% water, or mixture of alcohol and water, by mass	0394	1	
TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass	0209	1	
TRINITROTOLUENE AND HEXANITROSTILBENE MIXTURE	0388	1	
TRINITROTOLUENE MIXTURE CONTAINING TRINITROBENZENE AND HEXANITROSTILBENE	0389	1	
TRINITROTOLUENE AND TRINITROBENZENE MIXTURE	0388	1	
TRINITROTOLUENE, wetted with not less than 10% water, by mass	0209	4.1	
TRINITROTOLUENE, WETTED with not less than 30% water, by mass	1356	4.1	
TRIPROPYLAMINE	2260	3	
TRIPROPYLENE	2057	3	
TRIS-(1-AZIRIDINYL) PHOSPHINE OXIDE SOLUTION	2501	6.1	
TRITONAL	0390	1	
Tropilidene, see	2603	3	
TUNGSTEN HEXAFLUORIDE	2196	2	
TURPENTINE	1299	3	
TURPENTINE SUBSTITUTE	1300	3	
UNDECANE	2330	3	
UREA HYDROGEN PEROXIDE	1511	5.1	
UREA NITRATE, dry or wetted with less than 20% water, by mass	0220	1	
UREA NITRATE, wetted with not less than 10% water, by mass	0220	4.1	
UREA NITRATE, WETTED with not less than 20% water, by mass	1357	4.1	
Valeral, see	2058	3	
VALERALDEHYDE	2058	3	
n-Valeraldehyde, see	2058	3	
Valeric aldehyde, see	2058	3	
VALERYL CHLORIDE	2502	8	
VANADIUM COMPOUND, N.O.S.	3285	6.1	
Vanadium (IV) oxide sulphate, see	2931	6.1	
Vanadium oxysulphate, see	2931	6.1	
VANADIUM OXYTRICHLORIDE	2443	8	
VANADIUM PENTOXIDE, non-fused form	2862	6.1	
VANADIUM TETRACHLORIDE	2444	8	
VANADIUM TRICHLORIDE	2475	8	
VANADYL SULPHATE	2931	6.1	
Villiaumite, see	1690	6.1	
VINYL ACETATE, STABILIZED	1301	3	
Vinylbenzene, see	2055	3	
VINYL BROMIDE, STABILIZED	1085	2	
VINYL BUTYRATE, STABILIZED	2838	3	
VINYL CHLORIDE, STABILIZED	1086	2	
VINYL CHLOROACETATE	2589	6.1	
VINYL ETHYL ETHER, STABILIZED	1302	3	
VINYL FLUORIDE, STABILIZED	1860	2	

Name and description	UN No.	Class	Remarks
VINYLIDENE CHLORIDE, STABILIZED	1303	3	
VINYL ISOBUTYL ETHER, STABILIZED	1304	3	
VINYL METHYL ETHER, STABILIZED	1087	2	
VINYLPYRIDINES, STABILIZED	3073	6.1	
VINYLTOLUENES, STABILIZED	2618	3	
VINYLTRICHLOROSILANE, STABILIZED	1305	3	
Warheads for guided missiles, see	0286 0287 0369 0370 0371	1 1 1 1 1	
WARHEADS, ROCKET with burster or expelling charge	0370 0371	1 1	
WARHEADS, ROCKET with bursting charge	0286 0287 0369	1 1 1	
WARHEADS, TORPEDO with bursting charge	0221	1	
Water gas, see	2600	2	
WATER-REACTIVE LIQUID, N.O.S.	3148	4.3	
WATER-REACTIVE LIQUID, CORROSIVE, N.O.S.	3129	4.3	
WATER-REACTIVE LIQUID, TOXIC, N.O.S.	3130	4.3	
WATER-REACTIVE SOLID, N.O.S.	2813	4.3	
WATER-REACTIVE SOLID, CORROSIVE, N.O.S.	3131	4.3	
WATER-REACTIVE SOLID, FLAMMABLE, N.O.S.	3132	4.3	Carriage prohibited
WATER-REACTIVE SOLID, OXIDIZING, N.O.S.	3133	4.3	Carriage prohibited
WATER-REACTIVE SOLID, SELF-HEATING, N.O.S.	3135	4.3	Carriage prohibited
WATER-REACTIVE SOLID, TOXIC, N.O.S.	3134	4.3	
White arsenic, see	1561	6.1	
WHITE ASBESTOS (chrysotile, actinolite, anthophyllite, tremolite)	2590	9	
White spirit, see	1300	3	
WOOD PRESERVATIVES, LIQUID	1306	3	
XANTHATES	3342	4.2	
XENON, COMPRESSED	2036	2	
XENON, REFRIGERATED LIQUID	2591	2	
XYLENES	1307	3	
XYLENOLS, liquid	2261	6.1	
XYLENOLS, solid	2261	6.1	
XYLIDINES, LIQUID	1711	6.1	
XYLIDINES, SOLID	1711	6.1	
Xylols, see	1307	3	
XYLYL BROMIDE	1701	6.1	
ZINC AMMONIUM NITRITE	1512	5.1	
ZINC ARSENATE	1712	6.1	
ZINC ARSENATE AND ZINC ARSENITE MIXTURE	1712	6.1	
ZINC ARSENITE	1712	6.1	
ZINC ASHES	1435	4.3	
Zinc bisulphite solution, see	2693	8	
ZINC BROMATE	2469	5.1	
ZINC CHLORATE	1513	5.1	
ZINC CHLORIDE, ANHYDROUS	2331	8	

Name and description	UN No.	Class	Remarks
ZINC CHLORIDE SOLUTION	1840	8	
ZINC CYANIDE	1713	6.1	
ZINC DITHIONITE	1931	9	
ZINC DUST	1436	4.3	
ZINC FLUOROSILICATE	2855	6.1	
Zinc hexafluorosilicate, see	2855	6.1	
ZINC HYDROSULPHITE, see	1931	9	
ZINC NITRATE	1514	5.1	
ZINC PERMANGANATE	1515	5.1	
ZINC PEROXIDE	1516	5.1	
ZINC PHOSPHIDE	1714	4.3	
ZINC POWDER	1436	4.3	
ZINC RESINATE	2714	4.1	
Zinc selenate, see	2630	4.1	
Zinc selenite, see	2630	4.1	
Zinc silicofluoride, see	2855	6.1	

Name and description	UN No.	Class	Remarks
ZIRCONIUM, DRY, coiled wire, finished metal sheets, strip (thinner than 254 microns but not thinner than 18 microns)	2858	4.1	
ZIRCONIUM, DRY, finished sheets, strip or coiled wire	2009	4.2	
ZIRCONIUM HYDRIDE	1437	4.1	
ZIRCONIUM NITRATE	2728	5.1	
ZIRCONIUM PICRAMATE, dry or wetted with less than 20% water, by mass	0236	1	
ZIRCONIUM PICRAMATE, WETTED with not less than 20% water, by mass	1517	4.1	
ZIRCONIUM POWDER, DRY	2008	4.2	
ZIRCONIUM POWDER, WETTED with not less than 25% water	1358	4.1	
ZIRCONIUM SCRAP	1932	4.2	
ZIRCONIUM SUSPENDED IN A FLAMMABLE LIQUID	1308	3	
ZIRCONIUM TETRACHLORIDE	2503	8	

Restructured

ADR

2001

The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on 30 September 1957 under the auspices of the United Nations Economic Commission for Europe, is intended to increase the safety of international transport of dangerous goods by road. It entered into force on 29 January 1968 and has now 36 Contracting Parties.

Its Annexes A and B, which contain the conditions under which dangerous goods, when authorized for transport. may be carried inter nationally, are regularly examined, amended and updated to adapt to technological and industrial progress.

The restructured ADR, applicable as from 1 July 2001, is the final result of eight years of work aiming at presenting Annexes A and B in a more accessible and user-friendly format:

-the duties of the various participants in the transport chain have been identified more clearly, and the requirements concerning these various participants have been systematically grouped;

-the new structure is consistent with that of the United Nations Recommendations on the Transport of Dangerous Goods, Model Regulations, the International Maritime Dangerous Goods Code (of the International Maritime Organization), the lechnical Inst ructionsfer the Safe Transport of Dangerous Goods by Air (of the International Civil Aviation Organization) and the Regulations concerning the International Carriage of Dangerous Goods by Rail (of the Intergovernmental Organisation for International Carriage by Rail). This uniformity should facilitate compliance by consignors and carriers involved in multimodal transport operations.

Annexes A and B of ADR are also annexed to the European Union Council Directive 94/55/EC of 21 November 1994 which applies to the transport of dangerous goods by road within and between Member States of the European Union. These Member States are required, under Commission Directive 200 1/7/EC of 29 January 2001, to make the restructured Annexes A and B applicable by 31 December 2001 for radioactive material and by 31 December 2002 for other dangerous goods.

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