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SUPPLEMENT



Technical Instructions for the Safe Transport of Dangerous Goods by Air

Approved and published by
decision of the Council of ICAO

2015 – 2016 Edition

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FOREWORD

This Supplement to the Technical Instructions provides information on the safe transport of dangerous goods by air that is primarily of interest to States. The information presented in this volume generally supplements or explains in greater depth the basic information contained in the Technical Instructions.

It should be noted, however, that while the information in this volume is intended mainly for use by States, it is likely that many other users of the Technical Instructions will desire to have this information available. It is not the intent in publication of this information in a separate volume to restrict or limit in any way its dissemination to any interested party, but rather only to simplify the Technical Instructions and enhance their comprehensibility through elimination of information which the average user has neither the need nor the desire to know.

Since the information in this volume supplements information presented in the Technical Instructions, the provisions of this volume are identified by the Part in that document with which the supplementary information is associated.

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Part S-1

GENERAL

**(ADDITIONAL INFORMATION
FOR PART 1 OF THE
TECHNICAL INSTRUCTIONS)**

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Chapter 1

SCOPE AND APPLICABILITY

1.1 DESIGNATION OF NATIONAL AUTHORITY

1.1.1 Each State must designate the appropriate authority within its administration to be responsible for ensuring compliance with Annex 18 — *The Safe Transport of Dangerous Goods by Air* and these Instructions. Details specifying the primary point of contact must be notified to ICAO for publication in the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) and for dissemination on the public website. As a minimum, these details must include:

- a) name;
- b) title (of person or position);
- c) address;
- d) phone number;
- e) facsimile number;
- f) email address; and
- g) website address (if applicable).

1.1.2 In addition, contact information for other agencies responsible for specific classes (e.g. radioactive material, infectious substances) or for specific actions (e.g. issuance of approvals or exemptions) should be included.

Note. — For the separation of explosives, see Part S-7;2.3.

1.2 GENERAL INFORMATION TO BE PROVIDED TO A STATE FOR THE PROCESSING OF EXEMPTIONS

1.2.1 Part 1;1.1.3 of the Technical Instructions provides for States to grant exemptions to enable the transport by air of dangerous goods which may not be permitted in normal circumstances or in conditions which are different to those prescribed in the Instructions. Such exemptions may only be granted in instances of extreme urgency, when other forms of transport are inappropriate or when full compliance with the Technical Instructions is contrary to the public interest. The following is offered as guidance to States to determine whether these criteria have been met:

- a) *Extreme urgency.* In deciding whether the transport is urgent, States should consider why it is important for a consignment to reach its destination quickly or why it has been necessary to make an application at short notice. Dangerous goods may need to be transported because of:
 - 1) humanitarian relief;
 - 2) environmental relief;
 - 3) pestilence;
 - 4) national or international security;
 - 5) saving of life (e.g. rescue); and
 - 6) limited availability at destination.

Applications based on commercial reasons only should not be viewed as urgent and carriage by other forms of transport should also be considered.

- b) *When other forms of transport are inappropriate.* Whilst carriage by other forms of transport may be possible, States should evaluate a risk analysis which should include consideration of:
 - 1) *Length of journey.* Transport by other forms may result in an unrealistic journey time and could affect the viability of the dangerous goods;
 - 2) *Infrastructure.* The availability of other forms of transport may be limited;
 - 3) *Security.* The comprehensive security provisions of the air mode may reduce the possibility of unlawful interference (theft, etc.);
 - 4) *Routing.* Transport by air may result in a reduced risk of exposure of the public to the dangerous goods in the event of an incident or accident. The risk of piracy may also be significantly reduced;
 - 5) *Cost.* The cost of carriage by other forms of transport may be economically unreasonable. However, the decision to grant an exemption should not be based on cost alone.
- c) *When full compliance with the Technical Instructions is contrary to the public interest, for example:*
 - 1) medical applications;
 - 2) new technologies; and
 - 3) enhancements in safety.

1.2.2 When a State is approached for an exemption it is suggested that, if it is appropriate, at least the following information should be supplied before consideration is given to granting an exemption:

- a) the reason why it is essential the article or substance must be carried by air;
- b) a statement why the applicant believes the proposal (including any safety control measures specified by the applicant) will achieve a level of safety equivalent to that provided by these Instructions;
- c) proposed proper shipping name, classification and UN number with full supporting technical data;
- d) the proposed packaging;
- e) quantity to be carried;
- f) any special handling required and any special emergency response information;
- g) name and address of shipper and consignee;
- h) the airports of departure, transit and destination and the proposed dates of transport; and
- i) details of the operator including aircraft type, flight numbers, etc.

1.2.3 When granting an exemption, an overall level of safety in transport that is at least equivalent to the level of safety provided by the Technical Instructions must be achieved. In determining an equivalent level of safety, the following should be considered:

- a) A review of the applicable regulatory provisions. This includes the identification of specific provisions that will not be met, thus requiring a determination that an equivalent level of safety has been achieved;
- b) A review of any potential increased risk to safety or property that may result from deviating from the provisions in question and identification of the measures considered necessary or appropriate to address that risk. This should include substantiation with applicable analysis or an evaluation demonstrating that the proposed additional measures will achieve a level of safety that is at least equal to that required by the Technical Instructions;
- c) A thorough review and risk assessment to identify and evaluate potential risks in transport. This may include a risk analysis addressing failure modes and effects, a systems safety evaluation, and an explanation of the measures imposed to ensure each risk factor has been evaluated, in order to provide an appropriate level of safety;
- d) When appropriate, risk mitigation factors and a safety analysis may be based on analogy to requirements in place for technologies posing similar risks in order to ensure safety and regulatory consistency.

1.3 GENERAL RECOMMENDATIONS TO BE CONSIDERED WHEN ISSUING EXEMPTIONS

1.3.1 When an exemption is to be issued by a State it is suggested that, if appropriate, the following items should be considered to be the minimum requirements to be applied in connection with that exemption:

- a) notification should be provided to the authorities at the relevant airports within that State;
- b) the packing method to be used should, where possible, be as shown in the supplementary dangerous goods list. The packaging to be used should provide a level of safety at least equivalent to that which is needed in order to meet the applicable requirements of Parts 4 and 6 of the Technical Instructions; and
- c) copies of the relevant exemption documents should be attached to the dangerous goods transport document which accompanies the goods.

1.3.2 When a State grants an exemption it should contain, as a minimum, the following:

- a) the UN number, proper shipping name and the classification of the goods;
- b) the packaging and quantity applicable;
- c) the information listed in 1.2.2 f) to 1.2.2 h) above; and
- d) the duration of the validity of the exemption, which normally should not exceed a period of two years from the date of issue.

A copy of the exemption must be provided to the operator concerned.

1.3.3 The responsibility for obtaining the above exemption may rest with a State or with the operator or with the shipper, depending on States' national procedures. Generally, the applicant for an exemption should be the party for whom the responsibilities are most relevant, e.g. when an exemption is granted for dangerous goods which are forbidden under normal circumstances, it may be most appropriate for the shipper to apply. However, the exemption must address all affected parties. Irrespective of who is responsible, the operator must be in possession of confirmation that all the required exemptions have been obtained prior to accepting the goods for shipment.

Note.— Usually an exemption should cover a single occasion, but it may be necessary to issue exemptions to cover multiple occasions and/or multiple shippers.

1.3.4 An exemption must not be granted for any dangerous goods indicated as forbidden under any circumstance, as described in 1.2.1. Where dangerous goods are forbidden on both passenger and cargo aircraft, consideration should ordinarily only be given to carriage on cargo aircraft. Transport on a passenger aircraft should only be considered in exceptional circumstances.

1.3.5 Where an exemption or approval is required from more than one State, it is usually most appropriate for the State of Origin to grant the initial exemption because they may have greater awareness of the shipper and the terms and conditions under which the dangerous goods will be shipped. However, there may be circumstances where another State concerned might be better placed to grant the initial exemption.

1.4 REQUESTS FOR AMENDMENTS TO THE TECHNICAL INSTRUCTIONS

Upon receipt of a request for amendment to the Technical Instructions, a State should:

- 1) review the request for completeness (see information required in Part 1;1.5 of the Technical Instructions);
- 2) check the validity of the data presented in the request;
- 3) compare the data with other relevant data available or initiate the procurement of further data that may be necessary; and
- 4) if it is determined that the request is both sound and appropriate, present to ICAO a specific proposal for an amendment to the Technical Instructions.

ATTACHMENT I TO CHAPTER 1

GUIDANCE FOR PROCESSING EXEMPTIONS AND APPROVALS FOR THE SAFE TRANSPORT OF DANGEROUS GOODS BY AIR

A. General Guidance

The *Technical Instructions for the Safe Transport of Dangerous Goods by Air* provide requirements to safely transport dangerous goods by air. These requirements often exceed the requirements of other modes of transport commensurate with the unique and sensitive nature of air transport.

Part 1 of the Technical Instructions provides for the issuance of approvals and exemptions in certain instances as described in 1;1.1.2. States which issue an exemption or approval should have a review process in place and exercise the appropriate technical competency to conduct a thorough evaluation and impose the necessary safety measures to ensure that the conditions of the exemption or approval issued provide an equivalent level of safety to the requirements of the Technical Instructions.

Who must obtain an exemption or approval?

The responsibility for obtaining an exemption may rest with the operator or with the shipper depending on the nature of the request and on State procedures.

When may States grant exemptions or approvals from the provisions of the Technical Instructions?

Approvals may be issued where specifically provided for in the Technical Instructions. Exemptions may be granted in cases of extreme urgency, or when other forms of transport are inappropriate, or full compliance with the prescribed requirements is contrary to public interest.

What are the responsibilities of the requestor?

It is the responsibility of the requestor to identify the specific requirements of the Technical Instructions from which relief is sought, and ensure that supporting information is provided which demonstrates that the proposed transport provisions equal or exceed the level of safety provided by the Technical Instructions.

What is an equivalent level of safety?

It is important for States to ensure that an equivalent level of safety is maintained in the issuance of any exemption or approval. An equivalent level of safety is maintained when compensating measures ensure the overall level of safety equals that of the Technical Instructions. An equivalent level of safety evaluation will consider:

- the applicable requirements from which relief is sought;
- the compensating modifications, limitations, restrictions or equipment imposed;
- how these modifications provide an equivalent level of safety to the requirements of the Technical Instructions.

Can forbidden dangerous goods ever be transported?

Some dangerous goods designated as forbidden may be transported if certain conditions are met. The provisions of the Technical Instructions and this Supplement should be followed if there is a need to transport these substances.

Other dangerous goods cannot be carried on aircraft under any circumstance. These include articles or substances which, as presented for transport, are liable to explode, dangerously react, produce a flame or dangerous evolution of heat or dangerous emission of toxic, corrosive or flammable gases or vapours under conditions normally encountered in transport. Dangerous goods meeting this description are included in the Dangerous Goods List (Table 3-1) of the Technical Instructions with the word "Forbidden" shown in columns 2 and 3, but this list is not inclusive. It is essential that appropriate care be exercised to ensure that goods meeting this description are not offered for transport.

What packaging standards should be considered?

Where an entry in Table S-3-1 has a number in parenthesis after the word "Forbidden", this refers to a packing instruction which contains the method of packing that should be specified when issuing an exemption. As much as possible, appropriate packing instruction numbers are indicated in columns 10 to 13 of Table S-3-1 and the associated detailed requirements appear in Part S-4, where these are additional to those given in the Technical Instructions.

What quantity limitations should be considered?

The suggested maximum quantity limitations to be permitted are indicated in Table S-3-2 or S-3-3 for some classes and divisions.

May an approval be granted to authorize the transport of a forbidden explosive?

Explosives transported in excess of their authorized quantities and forbidden explosives may only be transported under the provisions of an approval.

B. CONSIDERATIONS FOR EXEMPTIONS AND APPROVALS

It is recognized that competent authorities may have varying formats for issuing exemptions and approvals. The following information is suggested for consideration by States when issuing such documents:

- A synopsis of the exemption or approval's scope and purpose. This should include the reason the exemption or approval is necessary.
- The authority under which the exemption or approval is issued. For an exemption, Part 1, Chapter 1, 1.1.2 of the Technical Instructions should be cited. For an approval, the specific approval citation within the Technical Instructions should be listed. The issuing State's national legislation or authority may also be listed.
- A description of the dangerous goods authorized. At a minimum, this information should include the UN number, proper shipping name, class, subsidiary risk, and packing group number.
- Specific provisions on how the dangerous goods must be prepared for shipment under the exemption/approval authorization. These provisions should demonstrate that an equivalent level of safety has been determined.
- The conditions of transport, for example, authorized packaging, quantities, and any additional hazard communication elements that may apply.
- Any special conditions that may apply such as whether persons other than the grantee may re-offer the dangerous goods for subsequent transportation.
- Any limitations that may apply, for example, whether the approval is limited to a single instance, to a specific operator, or any other limitations.
- Whether transport by passenger and/or cargo aircraft is authorized.
- Any special reporting requirements relevant to the reporting of any incident associated with the exemption or approval.

Additional considerations for the operator must also be addressed. Safety conditions for operators to address may include:

- restrictions on the location and of loading and unloading;
- restrictions on the time of day of the flight to daylight hours (including loading and unloading);
- restrictions to take-off or land only in visual meteorological conditions;
- flight planning to avoid population-dense areas;
- restrictions on the use of hand-held transmitting devices in the vicinity of the dangerous goods;
- restrictions on the use of aircraft radios and radar during loading and unloading;
- restrictions on the passengers on board;
- carriage of additional firefighting equipment; and/or
- additional segregation requirements.

The considerations above are not exhaustive. A full hazard identification and risk assessment should be conducted prior to the State's issuance of approvals and exemptions.



Chapter 2

LIMITATION OF DANGEROUS GOODS ON AIRCRAFT — INFECTED LIVE ANIMALS

2.1 The use of live animals must only be considered for the transport of an infectious substance when the substance cannot be shipped by any other means. Infected animals may only be transported when an exemption is granted by the States concerned. Such infected animals must be shipped in germ-tight packaging at least as secure as that used in the transport of germ-free animals. These consignments must be declared and labelled as “Live Animal” and as “Infectious Substance”.

2.2 When an empty receptacle is to be returned to the shipper it must be properly disinfected/sterilized before shipment. Moreover, all labels (“Live Animal” and “Infectious Substance” labels) must be removed, obliterated or otherwise made no longer visible. (See also Part S-6;6)

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Chapter 3

GUIDANCE TO STATES ON THE TRANSPORT OF DANGEROUS GOODS BY POST

3.1 INTRODUCTION

3.1.1 Annex 18 to the Chicago Convention, *The Safe Transport of Dangerous Goods by Air*, requires States, inter alia, to establish procedures with a view to controlling the introduction of dangerous goods into air transport through its designated postal operators. These procedures must be approved by the civil aviation authority of a State where mail containing dangerous goods is to be accepted by a designated postal operator, prior to the introduction of dangerous goods into air transport through the designated postal operator. The following guidance is offered to assist civil aviation authorities to assess and approve the procedures established by designated postal operators in their State.

3.1.2 Part 1;2.3 of the Technical Instructions outlines those dangerous goods that may be acceptable in mail for carriage by air subject to the provisions of appropriate national authorities, including civil aviation authorities, and the Technical Instructions.

3.2 ASSESSMENT OF PROCEDURES

3.2.1 The aim of the assessment is to ensure the suitability of the procedures established by the designated postal operators that control the introduction of dangerous goods into air transport.

3.2.2 The assessment should ensure that designated postal operators have established the following procedures:

- a) training of staff in accordance with Part 1;4 of the Technical Instructions;
- b) reporting of dangerous goods accidents and incidents to civil aviation authorities;
- c) reporting of hidden and undeclared dangerous goods to civil aviation authorities;
- d) provision of information to customers at acceptance points (e.g. street post boxes, post offices, agencies, websites);
- e) provision of information to account customers regarding dangerous goods;
- f) inclusion of clauses in contracts with account customers regarding dangerous goods not permitted in the mail;
- g) emergency procedures;
- h) retention of documents (e.g. dry ice acceptance checklist);
- i) documented acceptance procedures for staff regarding the dangerous goods allowed by Part 1;2.3 of the Technical Instructions.
- j) procedures for requiring the sender's name, address and signature on packages containing dangerous goods;
- k) procedures for ensuring that any State or Operator variations in Attachment 3 of the Technical Instructions are complied with;
- l) procedures for ensuring that any changes to the Technical Instructions are incorporated into existing procedures; and
- m) procedures for the handling of packages rejected from transport.

3.3 TRAINING

3.3.1 The staff of a designated postal operator are required to be trained in the requirements commensurate with their responsibilities.

3.3.2 Depending on the responsibilities of the staff member, the aspects of training to be covered may vary from those shown in Table 1-6 of the Technical Instructions. Therefore, in respect to the acceptance of the dangerous goods permitted by Part 1;2.3.2 of the Technical Instructions, staff of designated postal operators need only be trained in the requirements specific to those items permitted in air mail and not the acceptance of all classes of dangerous goods.

3.3.3 The categories of personnel identified in Table 1-6 of the Technical Instructions are not all encompassing. For example, staff of a designated postal operator who have responsibilities that only involve the handling of letters, correspondence or printed materials that are not capable of containing dangerous goods do not require training.

Part S-3

DANGEROUS GOODS LIST, SPECIAL PROVISIONS AND QUANTITY LIMITATIONS

(ADDITIONAL INFORMATION FOR PART 3 OF THE TECHNICAL INSTRUCTIONS)

Note.— This Part has been divided into the following Chapters and Appendix:

- Chapter 1 — General**
- Chapter 2 — Supplementary Dangerous Goods List (Class 1)**
- Chapter 3 — Supplementary Dangerous Goods List (Class 2)**
- Chapter 4 — Supplementary Dangerous Goods List (Classes 3 to 9)**
- Chapter 5 — Quantity Limitations**
- Chapter 6 — Special Provisions**

Appendix 1 — List of toxic-by-inhalation liquids

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Chapter 1

GENERAL

1.1 SUPPLEMENTARY DANGEROUS GOODS LIST

1.1.1 Certain dangerous goods, which are normally forbidden, may be specifically authorized for air transport by approval of the appropriate national authority; these are identified in Table 3-1 of the Technical Instructions by Special Provision A1 or A2 appearing in column 7. Such dangerous goods are also listed in Table S-3-1, together with additional information for use with appropriate national authority approvals.

1.1.2 Other dangerous goods shown as forbidden in columns 10 to 13 of Table 3-1, but without Special Provision A1 or A2, can only be transported under exemption as provided for in Part 1;1.1.3 of the Technical Instructions. Such dangerous goods are listed in Table S-3-1, together with any additional information that is available, to assist in the granting of an exemption. The absence of complete information in that Table, apart from the word "Forbidden" appearing in the same column(s) as in Table 3-1, does not preclude the granting of an exemption by all the States concerned; in such case, the conditions of the exemption are to be developed by the appropriate national authority based on the principle that the level of safety in transport should be equivalent to the level of safety provided by the Technical Instructions. Where an entry in Table S-3-1 has a number in parenthesis after the word "Forbidden", this refers to a Packing Instruction which contains the method of packing that should be specified when granting an exemption.

1.1.3 For entries in the Supplementary Dangerous Goods List (Table S-3-1) the applicable special provisions, if any, are shown in column 7; where these are additional to the special provisions used in Table 3-1 (i.e. those numbered from A300 onwards) they are listed, with an explanation, in Table S-3-4.

1.2 QUANTITY LIMITATIONS AND PACKING REQUIREMENTS

1.2.1 Where States grant exemptions for the transport of dangerous goods which are shown as "Forbidden" in columns 10 to 13 of Table 3-1 of the Technical Instructions, other than in accordance with 1.2.2 and 1.2.3 below, the suggested maximum quantity limitations to be permitted are indicated in Table S-3-2 or S-3-3 for some classes and divisions. As far as possible, appropriate packing instruction numbers are indicated in columns 10 to 13 of Table S-3-1 and the associated detailed requirements appear in Part S-4, where these are additional to those given in the Technical Instructions.

1.2.2 In the case of Special Provision A1, dangerous goods may be transported on passenger aircraft with the prior approval of the appropriate authority of the State of Origin and the State of the Operator provided that the quantity per package does not exceed the quantity shown in Table S-3-1 and the packing is in accordance with the packing instruction indicated by Table S-3-1. The detailed requirements of the packing instruction are given in Part S-4, unless they already appear in the Technical Instructions. A copy of the documents of approval showing the quantity limitations and packing requirements must accompany the consignment. Approval is not required for transport on cargo aircraft in these cases.

1.2.3 In the case of Special Provision A2, dangerous goods may be transported on passenger and cargo aircraft with the prior approval of the appropriate authority of the State of Origin and the State of the Operator provided that the quantity per package does not exceed the quantity shown in Table S-3-1 and the packing is in accordance with the packing instruction indicated by Table S-3-1. The detailed requirements of the packing instruction are given in Part S-4, unless they already appear in the Technical Instructions. The consignment must be accompanied by a copy of the documents of approval showing the quantity limitations and packing and labelling requirements.

1.3 ELEVATED TEMPERATURE, MOLTEN OR HOT SUBSTANCES

Substances which are transported or offered for transport in a liquid state at temperatures equal to or exceeding 100°C, or in a solid state at temperatures equal to or exceeding 240°C, are forbidden for transport unless exempted by all the States concerned — see Part 1;2.1 of the Technical Instructions. If such substances are to be transported and the proper shipping name does not convey the elevated temperature condition (for example, by using the term "molten" or "elevated temperature" as part of the proper shipping name), the word "hot" must immediately precede the proper shipping name on the dangerous goods transport document.

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Chapter 2

SUPPLEMENTARY DANGEROUS GOODS LIST

Class 1



Table S-3-1. Supplementary Dangerous Goods List (Class 1)

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
A												
Agent, blasting, type B †	0331	1.5D		Explosive 1.5					FORBIDDEN		FORBIDDEN	
Agent, blasting, type E †	0332	1.5D		Explosive 1.5					FORBIDDEN		FORBIDDEN	
Ammonium nitrate	0222	1.1D		Explosive		A326			FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Ammonium perchlorate	0402	1.1D		Explosive		A22			FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Ammonium picrate dry or wetted with less than 10% water, by mass	0004	1.1D		Explosive					FORBIDDEN (112)		FORBIDDEN (112)	
Ammunition, illuminating with or without burster, expelling charge or propelling charge †	0171	1.2G		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Ammunition, illuminating with or without burster, expelling charge or propelling charge †	0254	1.3G		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Ammunition, illuminating with or without burster, expelling charge or propelling charge †	0297	1.4G		Explosive 1.4				E0	FORBIDDEN (130)		130	75 kg
Ammunition, incendiary , liquid or gel, with burster, expelling charge or propelling charge †	0247	1.3J		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Ammunition, incendiary with or without burster, expelling charge or propelling charge †	0009	1.2G		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Ammunition, incendiary with or without burster, expelling charge or propelling charge †	0010	1.3G		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Ammunition, incendiary with or without burster, expelling charge or propelling charge †	0300	1.4G		Explosive 1.4				E0	FORBIDDEN (130)		130	75 kg
Ammunition, incendiary, white phosphorus with burster, expelling charge or propelling charge †	0243	1.2H		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Ammunition, incendiary, white phosphorus with burster, expelling charge or propelling charge †	0244	1.3H		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Ammunition, practice †	0362	1.4G		Explosive 1.4				E0	FORBIDDEN (130)		130	75 kg
Ammunition, practice †	0488	1.3G		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Ammunition, proof †	0363	1.4G		Explosive 1.4				E0	FORBIDDEN (130)		130	75 kg
Ammunition, smoke with or without burster, expelling charge or propelling charge †	0015	1.2G		Explosive		A132			FORBIDDEN (130)		FORBIDDEN (130)	
Ammunition, smoke with or without burster, expelling charge or propelling charge †	0016	1.3G		Explosive		A132			FORBIDDEN (130)		FORBIDDEN (130)	
Ammunition, smoke with or without burster, expelling charge or propelling charge †	0303	1.4G		Explosive 1.4		A132		E0	FORBIDDEN (130)		130	75 kg
Ammunition, smoke, white phosphorus with burster, expelling charge or propelling charge †	0245	1.2H		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Ammunition, smoke, white phosphorus with burster, expelling charge or propelling charge †	0246	1.3H		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Ammunition, tear-producing with burster, expelling charge or propelling charge †	0018	1.2G	6.1 8	Explosive & Toxic & Corrosive					FORBIDDEN (130)		FORBIDDEN (130)	
Ammunition, tear-producing with burster, expelling charge or propelling charge †	0019	1.3G	6.1 8	Explosive & Toxic & Corrosive					FORBIDDEN (130)		FORBIDDEN (130)	
Ammunition, tear-producing with burster, expelling charge or propelling charge †	0301	1.4G	6.1 8	Explosive 1.4 & Toxic & Corrosive				E0	FORBIDDEN (130)		130	75 kg
Ammunition, toxic* with burster, expelling charge or propelling charge †	0020	1.2K	6.1	Explosive & Toxic					FORBIDDEN (101)		FORBIDDEN (101)	
Ammunition, toxic* with burster, expelling charge or propelling charge †	0021	1.3K	6.1	Explosive & Toxic					FORBIDDEN (101)		FORBIDDEN (101)	
Articles, EEI †	0486	1.6N		Explosive 1.6		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0350	1.4B		Explosive 1.4		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0351	1.4C		Explosive 1.4		A62		E0	FORBIDDEN (101)		101	75 kg

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Articles, explosive, n.o.s.*	0352	1.4D		Explosive 1.4		A62		E0	FORBIDDEN (101)		101	75 kg
Articles, explosive, n.o.s.*	0353	1.4G		Explosive 1.4		A62		E0	FORBIDDEN (101)		101	75 kg
Articles, explosive, n.o.s.*	0354	1.1L		Explosive		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0355	1.2L		Explosive		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0356	1.3L		Explosive		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0462	1.1C		Explosive		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0463	1.1D		Explosive		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0464	1.1E		Explosive		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0465	1.1F		Explosive		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0466	1.2C		Explosive		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0467	1.2D		Explosive		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0468	1.2E		Explosive		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0469	1.2F		Explosive		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0470	1.3C		Explosive		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, n.o.s.*	0471	1.4E		Explosive 1.4		A62		E0	FORBIDDEN (101)		101	75 kg
Articles, explosive, n.o.s.*	0472	1.4F		Explosive 1.4		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, explosive, extremely insensitive †	0486	1.6N		Explosive 1.6		A62			FORBIDDEN (101)		FORBIDDEN (101)	
Articles, pyrophoric †	0380	1.2L		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Articles, pyrotechnic for technical purposes †	0428	1.1G		Explosive					FORBIDDEN (135)		FORBIDDEN (135)	
Articles, pyrotechnic for technical purposes †	0429	1.2G		Explosive					FORBIDDEN (135)		FORBIDDEN (135)	
Articles, pyrotechnic for technical purposes †	0430	1.3G		Explosive					FORBIDDEN (135)		FORBIDDEN (135)	
Articles, pyrotechnic for technical purposes †	0431	1.4G		Explosive 1.4				E0	FORBIDDEN (135)		135	75 kg
B												
Barium azide, dry or wetted with less than 50% water, by mass	0224	1.1A	6.1	Explosive & Toxic					FORBIDDEN (110 a) or b))		FORBIDDEN (110 a) or b))	

Name	UN No.	Class or division	Sub-sidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Black powder , granular or as a meal †	0027	1.1D		Explosive					FORBIDDEN (113)		FORBIDDEN (113)	
Black powder, compressed †	0028	1.1D		Explosive					FORBIDDEN (113)		FORBIDDEN (113)	
Black powder in pellets †	0028	1.1D		Explosive					FORBIDDEN (113)		FORBIDDEN (113)	
Bombs with bursting charge †	0033	1.1F		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Bombs with bursting charge †	0034	1.1D		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Bombs with bursting charge †	0035	1.2D		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Bombs with bursting charge †	0291	1.2F		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Bombs, photo-flash †	0037	1.1F		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Bombs, photo-flash †	0038	1.1D		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Bombs, photo-flash †	0039	1.2G		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Bombs, photo-flash †	0299	1.3G		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Bombs with flammable liquid with bursting charge †	0399	1.1J		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Bombs with flammable liquid with bursting charge †	0400	1.2J		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Boosters without detonator †	0042	1.1D		Explosive					FORBIDDEN (132)		FORBIDDEN (132)	
Boosters without detonator †	0283	1.2D		Explosive					FORBIDDEN (132)		FORBIDDEN (132)	
Boosters with detonator †	0225	1.1B		Explosive					FORBIDDEN (133)		FORBIDDEN (133)	
Boosters with detonator †	0268	1.2B		Explosive					FORBIDDEN (133)		FORBIDDEN (133)	
Bursters , explosive †	0043	1.1D		Explosive					FORBIDDEN (133)		FORBIDDEN (133)	
C												
Cartridges, flash †	0049	1.1G		Explosive					FORBIDDEN (135)		FORBIDDEN (135)	
Cartridges, flash †	0050	1.3G		Explosive				E0	FORBIDDEN (135)		135	75 kg
Cartridges for weapons with bursting charge †	0005	1.1F		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Cartridges for weapons with bursting charge †	0006	1.1E		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Cartridges for weapons with bursting charge †	0007	1.2F		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	

Name	UN No.	Class or division	Sub-sidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Cartridges for weapons with bursting charge †	0321	1.2E		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Cartridges for weapons with bursting charge †	0348	1.4F		Explosive 1.4					FORBIDDEN (130)		FORBIDDEN (130)	
Cartridges for weapons with bursting charge †	0412	1.4E		Explosive 1.4				E0	FORBIDDEN (130)		130	75 kg
Cartridges for weapons, blank †	0326	1.1C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Cartridges for weapons, blank †	0327	1.3C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Cartridges for weapons, blank †	0338	1.4C		Explosive 1.4				E0	FORBIDDEN (130)		130	75 kg
Cartridges for weapons, blank †	0413	1.2C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Cartridges for weapons, inert projectile †	0328	1.2C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Cartridges for weapons, inert projectile †	0339	1.4C		Explosive 1.4				E0	FORBIDDEN (130)		130	75 kg
Cartridges for weapons, inert projectile †	0417	1.3C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Cartridges, oil well †	0277	1.3C		Explosive					FORBIDDEN (134)		FORBIDDEN (134)	
Cartridges, oil well †	0278	1.4C		Explosive 1.4				E0	FORBIDDEN (134)		134	75 kg
Cartridges, power device †	0275	1.3C		Explosive				E0	FORBIDDEN (134)		134	75 kg
Cartridges, power device †	0276	1.4C		Explosive 1.4				E0	FORBIDDEN (134)		134	75 kg
Cartridges, power device †	0381	1.2C		Explosive					FORBIDDEN (134)		FORBIDDEN (134)	
Cartridges, signal †	0054	1.3G		Explosive				E0	FORBIDDEN (135)		135	75 kg
Cartridges, signal †	0312	1.4G		Explosive 1.4				E0	FORBIDDEN (135)		135	75 kg
Cartridges, small arms †	0339	1.4C		Explosive 1.4				E0	FORBIDDEN (130)		130	75 kg
Cartridges, small arms †	0417	1.3C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Cartridges, small arms, blank †	0327	1.3C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Cartridges, small arms, blank †	0338	1.4C		Explosive 1.4				E0	FORBIDDEN (130)		130	75 kg
Cases, cartridge, empty, with primer †	0379	1.4C		Explosive 1.4				E0	FORBIDDEN (136)		136	75 kg

Name	UN No.	Class or division	Sub-sidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Cases, combustible, empty, without primer †	0446	1.4C		Explosive 1.4				E0	FORBIDDEN (136)		136	75 kg
Cases, combustible, empty, without primer †	0447	1.3C		Explosive					FORBIDDEN (136)		FORBIDDEN (136)	
Charges, bursting, plastics bonded	0457	1.1D		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Charges, bursting, plastics bonded	0458	1.2D		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Charges, bursting, plastics bonded	0459	1.4D		Explosive 1.4				E0	FORBIDDEN (130)		130	75 kg
Charges, demolition †	0048	1.1D		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Charges, depth †	0056	1.1D		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Charges, explosive, commercial without detonator †	0442	1.1D		Explosive					FORBIDDEN (137)		FORBIDDEN (137)	
Charges, explosive, commercial without detonator †	0443	1.2D		Explosive					FORBIDDEN (137)		FORBIDDEN (137)	
Charges, explosive, commercial without detonator †	0444	1.4D		Explosive 1.4				E0	FORBIDDEN (137)		137	75 kg
Charges, propelling †	0271	1.1C		Explosive					FORBIDDEN (143)		FORBIDDEN (143)	
Charges, propelling †	0272	1.3C		Explosive					FORBIDDEN (143)		FORBIDDEN (143)	
Charges, propelling †	0415	1.2C		Explosive					FORBIDDEN (143)		FORBIDDEN (143)	
Charges, propelling †	0491	1.4C		Explosive 1.4				E0	FORBIDDEN (143)		143	75 kg
Charges, propelling, for cannon †	0242	1.3C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Charges, propelling, for cannon †	0279	1.1C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Charges, propelling, for cannon †	0414	1.2C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Charges, shaped without detonator †	0059	1.1D		Explosive	AU 2 CA 7 IR 3 NL 1 US 3	A2			FORBIDDEN		137	(75 kg)
Charges, shaped without detonator †	0439	1.2D		Explosive					FORBIDDEN (137)		FORBIDDEN (137)	

Name	UN No.	Class or division	Sub-sidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Charges, shaped without detonator †	0440	1.4D		Explosive 1.4	AU 1 CA 7 IR 3 NL 1 US 3	A1		E0	137	(25 kg)	137	75 kg
Charges, shaped, flexible, linear †	0237	1.4D		Explosive 1.4				E0	FORBIDDEN (138)		138	75 kg
Charges, shaped, flexible, linear †	0288	1.1D		Explosive					FORBIDDEN (138)		FORBIDDEN (138)	
Charges, supplementary, explosive †	0060	1.1D		Explosive					FORBIDDEN (132)		FORBIDDEN (132)	
Components, explosive train, n.o.s.* †	0382	1.2B		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Components, explosive train, n.o.s.* †	0383	1.4B		Explosive 1.4		A62		E0	FORBIDDEN (101)		101	75 kg
Components, explosive train, n.o.s.* †	0461	1.1B		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Contrivances, water-activated* with burster, expelling charge or propelling charge †	0248	1.2L		Explosive					FORBIDDEN (144)		FORBIDDEN (144)	
Contrivances, water-activated* with burster, expelling charge or propelling charge †	0249	1.3L		Explosive					FORBIDDEN (144)		FORBIDDEN (144)	
Cord, detonating, flexible †	0065	1.1D		Explosive	AU 2 CA 7 IR 3 NL 1 US 3	A2			FORBIDDEN		139	(75 kg)
Cord, detonating, flexible †	0289	1.4D		Explosive 1.4	AU 1 CA 7 IR 3 NL 1 US 3	A1		E0	139	(25 kg)	139	75 kg
Cord, detonating, metal clad †	0102	1.2D		Explosive					FORBIDDEN (139)		FORBIDDEN (139)	
Cord, detonating, metal clad †	0290	1.1D		Explosive					FORBIDDEN (139)		FORBIDDEN (139)	
Cord, detonating, mild effect, metal clad	0104	1.4D		Explosive 1.4				E0	140	(25 kg)	139	75 kg
Cord, igniter †	0066	1.4G		Explosive 1.4	AU 1 CA 7 IR 3 NL 1 US 3	A1		E0	140	(25 kg)	140	75 kg

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Cyclonite and cyclotetramethylene-tetranitramine mixture, desensitized with not less than 10% phlegmatizer, by mass	0391	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
Cyclonite and cyclotetramethylene-tetranitramine mixture, wetted with not less than 15% water, by mass	0391	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
Cyclonite, desensitized	0483	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Cyclonite, wetted with not less than 15% water, by mass	0072	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
Cyclotetramethylene-tetranitramine, desensitized	0484	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Cyclotetramethylene-tetranitramine, wetted with not less than 15% water, by mass	0226	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
Cyclotrimethylenetrinitramine and cyclotetramethylene-tetranitramine mixture, desensitized with not less than 10% phlegmatizer, by mass	0391	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
Cyclotrimethylenetrinitramine and cyclotetramethylene-tetranitramine mixture, wetted with not less than 15% water, by mass	0391	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
Cyclotrimethylenetrinitramine, desensitized	0483	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Cyclotrimethylenetrinitramine, wetted with not less than 15% water, by mass	0072	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
D												
Deflagrating metal salts of aromatic nitro-derivatives, n.o.s.	0132	1.3C		Explosive					FORBIDDEN (114 b))		FORBIDDEN (114 b))	
Detonator assemblies, non-electric for blasting †	0360	1.1B		Explosive					FORBIDDEN (131)		FORBIDDEN (131)	
Detonator assemblies, non-electric for blasting †	0361	1.4B		Explosive 1.4				E0	FORBIDDEN (131)		131	75 kg
Detonators, electric for blasting †	0030	1.1B		Explosive					FORBIDDEN (131)		FORBIDDEN (131)	
Detonators, electric for blasting †	0255	1.4B		Explosive 1.4				E0	FORBIDDEN (131)		131	75 kg
Detonators for ammunition †	0073	1.1B		Explosive					FORBIDDEN (133)		FORBIDDEN (133)	
Detonators for ammunition †	0364	1.2B		Explosive					FORBIDDEN (133)		FORBIDDEN (133)	

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Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Detonators for ammunition †	0365	1.4B		Explosive 1.4				E0	FORBIDDEN (133)		133	75 kg
Detonators, non-electric for blasting †	0029	1.1B		Explosive					FORBIDDEN (131)		FORBIDDEN (131)	
Detonators, non-electric for blasting †	0267	1.4B		Explosive 1.4				E0	FORBIDDEN (131)		131	75 kg
Diazodinitrophenol, wetted with not less than 40% water, or mixture of alcohol and water, by mass	0074	1.1A		Explosive		A311			FORBIDDEN (110 a) or b))		FORBIDDEN (110 a) or b))	
Diethyleneglycol dinitrate, desensitized with not less than 25% non-volatile, water-insoluble phlegmatizer, by mass	0075	1.1D		Explosive		A311			FORBIDDEN (115)		FORBIDDEN (115)	
DINGU	0489	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Dinitroglycoluril	0489	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Dinitrophenol , dry or wetted with less than 15% water, by mass	0076	1.1D	6.1	Explosive & Toxic					FORBIDDEN (112)		FORBIDDEN (112)	
Dinitrophenolates , alkali metals, dry or wetted with less than 15% water, by mass	0077	1.3C	6.1	Explosive & Toxic					FORBIDDEN (114)		FORBIDDEN (114)	
Dinitroresorcinol , dry or wetted with less than 15% water, by mass	0078	1.1D		Explosive					FORBIDDEN (112)		FORBIDDEN (112)	
Dinitrosobenzene	0406	1.3C		Explosive					FORBIDDEN (114 b))		FORBIDDEN (114 b))	
Dipicrylamine	0079	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Dipicryl sulphide , dry or wetted with less than 10% water, by mass	0401	1.1D		Explosive		A308			FORBIDDEN (112)		FORBIDDEN (112)	
E												
Explosive, blasting, type A †	0081	1.1D		Explosive					FORBIDDEN (116)		FORBIDDEN (116)	
Explosive, blasting, type B †	0082	1.1D		Explosive					FORBIDDEN (116)		FORBIDDEN (116)	
Explosive, blasting, type B †	0331	1.5D		Explosive 1.5		A307			FORBIDDEN (116)		FORBIDDEN (116)	
Explosive, blasting, type C †	0083	1.1D		Explosive		A312			FORBIDDEN (116)		FORBIDDEN (116)	
Explosive, blasting, type D †	0084	1.1D		Explosive					FORBIDDEN (116)		FORBIDDEN (116)	
Explosive, blasting, type E †	0241	1.1D		Explosive					FORBIDDEN (116)		FORBIDDEN (116)	
Explosive, blasting, type E †	0332	1.5D		Explosive 1.5		A307			FORBIDDEN (116)		FORBIDDEN (116)	

Name	UN No.	Class or division	Sub-sidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
F												
Fireworks †	0333	1.1G		Explosive						FORBIDDEN (135)	FORBIDDEN (135)	
Fireworks †	0334	1.2G		Explosive						FORBIDDEN (135)	FORBIDDEN (135)	
Fireworks †	0335	1.3G		Explosive						FORBIDDEN (135)	FORBIDDEN (135)	
Fireworks †	0336	1.4G		Explosive 1.4				E0	FORBIDDEN (135)	135	75 kg	
Flares, aerial †	0093	1.3G		Explosive				E0	FORBIDDEN (135)	135	75 kg	
Flares, aerial †	0403	1.4G		Explosive 1.4				E0	FORBIDDEN (135)	135	75 kg	
Flares, aerial †	0420	1.1G		Explosive					FORBIDDEN (135)	FORBIDDEN (135)		
Flares, aerial †	0421	1.2G		Explosive					FORBIDDEN (135)	FORBIDDEN (135)		
Flares, surface †	0092	1.3G		Explosive				E0	FORBIDDEN (135)	135	75 kg	
Flares, surface †	0418	1.1G		Explosive					FORBIDDEN (135)	FORBIDDEN (135)		
Flares, surface †	0419	1.2G		Explosive					FORBIDDEN (135)	FORBIDDEN (135)		
Flash powder †	0094	1.1G		Explosive					FORBIDDEN (113)	FORBIDDEN (113)		
Flash powder †	0305	1.3G		Explosive					FORBIDDEN (113)	FORBIDDEN (113)		
Fracturing devices, explosive, without detonator for oil wells †	0099	1.1D		Explosive	AU 2 CA 7 IR 3 NL 1 US 3	A2			FORBIDDEN	134	(75 kg)	
Fuse, detonating, metal clad	0102	1.2D		Explosive					FORBIDDEN (139)	FORBIDDEN (139)		
Fuse, detonating, metal clad	0290	1.1D		Explosive					FORBIDDEN (139)	FORBIDDEN (139)		
Fuse, detonating, mild effect, metal clad	0104	1.4D		Explosive 1.4				E0	FORBIDDEN (139)	139	75 kg	
Fuse, igniter, tubular, metal clad †	0103	1.4G		Explosive 1.4				E0	FORBIDDEN (140)	140	75 kg	
Fuse, non-detonating †	0101	1.3G		Explosive					FORBIDDEN (140)	FORBIDDEN (140)		
Fuzes, detonating †	0106	1.1B		Explosive					FORBIDDEN (141)	FORBIDDEN (141)		
Fuzes, detonating †	0107	1.2B		Explosive					FORBIDDEN (141)	FORBIDDEN (141)		
Fuzes, detonating †	0257	1.4B		Explosive 1.4				E0	FORBIDDEN (141)	141	75 kg	

Name	UN No.	Class or division	Sub-sidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Fuzes, detonating with protective features †	0408	1.1D		Explosive						FORBIDDEN (141)	FORBIDDEN (141)	
Fuzes, detonating with protective features †	0409	1.2D		Explosive						FORBIDDEN (141)	FORBIDDEN (141)	
Fuzes, detonating with protective features †	0410	1.4D		Explosive 1.4				E0	FORBIDDEN (141)	141	75 kg	
Fuzes, igniting †	0316	1.3G		Explosive					FORBIDDEN (141)	FORBIDDEN (141)		
Fuzes, igniting †	0317	1.4G		Explosive 1.4				E0	FORBIDDEN (141)	141	75 kg	
G												
Grenades , hand or rifle, with bursting charge †	0284	1.1D		Explosive					FORBIDDEN (141)	FORBIDDEN (141)		
Grenades , hand or rifle, with bursting charge †	0285	1.2D		Explosive					FORBIDDEN (141)	FORBIDDEN (141)		
Grenades , hand or rifle, with bursting charge †	0292	1.1F		Explosive					FORBIDDEN (141)	FORBIDDEN (141)		
Grenades , hand or rifle, with bursting charge †	0293	1.2F		Explosive					FORBIDDEN (141)	FORBIDDEN (141)		
Grenades, practice , hand or rifle †	0318	1.3G		Explosive					FORBIDDEN (141)	FORBIDDEN (141)		
Grenades, practice , hand or rifle †	0372	1.2G		Explosive					FORBIDDEN (141)	FORBIDDEN (141)		
Grenades, practice , hand or rifle †	0452	1.4G		Explosive 1.4				E0	FORBIDDEN (141)	141	75 kg	
Guanyl nitrosaminoguanilydene hydrazine, wetted with not less than 30% water, by mass	0113	1.1A		Explosive		A311			FORBIDDEN (110 a) or b))	FORBIDDEN (110 a) or b))		
Guanyl nitrosaminoguanilyltetrazene, wetted with not less than 30% water, or mixture of alcohol and water, by mass	0114	1.1A		Explosive		A311			FORBIDDEN (110 a) or b))	FORBIDDEN (110 a) or b))		
Gunpowder , granular or as a meal	0027	1.1D		Explosive					FORBIDDEN (113)	FORBIDDEN (113)		
Gunpowder, compressed	0028	1.1D		Explosive					FORBIDDEN (113)	FORBIDDEN (113)		
Gunpowder in pellets	0028	1.1D		Explosive					FORBIDDEN (113)	FORBIDDEN (113)		
H												
Hexanitrodiphenylamine	0079	1.1D		Explosive					FORBIDDEN (112 b) or c))	FORBIDDEN (112 b) or c))		
Hexanitrostilbene	0392	1.1D		Explosive					FORBIDDEN (112 b) or c))	FORBIDDEN (112 b) or c))		

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									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Hexogen and cyclotetramethylene-tetranitramine mixture, desensitized with not less than 10% phlegmatizer, by mass	0391	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
Hexogen and cyclotetramethylene-tetranitramine mixture, wetted with not less than 15% water, by mass	0391	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
Hexogen, desensitized	0483	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Hexogen, wetted with not less than 15% water, by mass	0072	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
Hexolite , dry or wetted with less than 15% water, by mass	0118	1.1D		Explosive					FORBIDDEN (112)		FORBIDDEN (112)	
Hexotol , dry or wetted with less than 15% water, by mass	0118	1.1D		Explosive					FORBIDDEN (112)		FORBIDDEN (112)	
Hexotonal	0393	1.1D		Explosive					FORBIDDEN (112 b))		FORBIDDEN (112 b))	
Hexyl	0079	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
HMX, desensitized	0484	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
HMX, wetted with not less than 15% water, by mass	0226	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
1-Hydroxybenzotriazole, anhydrous , dry or wetted with less than 20% water, by mass	0508	1.3C		Explosive					FORBIDDEN		FORBIDDEN	
I												
Igniters †	0121	1.1G		Explosive					FORBIDDEN (142)		FORBIDDEN (142)	
Igniters †	0314	1.2G		Explosive					FORBIDDEN (142)		FORBIDDEN (142)	
Igniters †	0315	1.3G		Explosive					FORBIDDEN (142)		FORBIDDEN (142)	
Igniters †	0325	1.4G		Explosive 1.4				E0	FORBIDDEN (142)		142	75 kg
J												
Jet perforating guns, charged , oil well, without detonator †	0124	1.1D		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Jet perforating guns, charged , oil well, without detonator †	0494	1.4D		Explosive 1.4		A24		E0	FORBIDDEN (101)		101	300 kg

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									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
L												
Lead azide, wetted with not less than 20% water, or mixture of alcohol and water, by mass	0129	1.1A		Explosive		A311			FORBIDDEN (112 a) or b))		FORBIDDEN (112 a) or b))	
Lead styphnate, wetted with not less than 20% water, or mixture of alcohol and water, by mass	0130	1.1A		Explosive		A311			FORBIDDEN (112 a) or b))		FORBIDDEN (112 a) or b))	
Lead trinitroresorcinate, wetted with not less than 20% water, or mixture of alcohol and water, by mass	0130	1.1A		Explosive		A311			FORBIDDEN (112 a) or b))		FORBIDDEN (112 a) or b))	
M												
Mannitol hexanitrate, wetted with not less than 40% water, or mixture of alcohol and water, by mass	0133	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
5-Mercaptotetrazol-1-acetic acid	0448	1.4C		Explosive 1.4				E0	FORBIDDEN (114 b))		114 b)	75 kg
Mercury fulminate, wetted with not less than 20% water, or mixture of alcohol and water, by mass	0135	1.1A		Explosive		A311			FORBIDDEN (110 a) or b))		FORBIDDEN (110 a) or b))	
Mines with bursting charge †	0136	1.1F		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Mines with bursting charge †	0137	1.1D		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Mines with bursting charge †	0138	1.2D		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Mines with bursting charge †	0294	1.2F		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
N												
5-Nitrobenzotriazol	0385	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Nitrocellulose , dry or wetted with less than 25% water (or alcohol), by mass	0340	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Nitrocellulose , unmodified or plasticized with less than 18% plasticizing substance, by mass	0341	1.1D		Explosive					FORBIDDEN (112 b))		FORBIDDEN (112 b))	
Nitrocellulose, plasticized with not less than 18% plasticizing substance, by mass	0343	1.3C		Explosive		A313			FORBIDDEN (111)		FORBIDDEN (111)	
Nitrocellulose, wetted with not less than 25% alcohol, by mass	0342	1.3C		Explosive		A313			FORBIDDEN (114 a))		FORBIDDEN (114 a))	

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									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Nitroglycerin, desensitized with not less than 40% non-volatile water-insoluble phlegmatizer, by mass	0143	1.1D	6.1	Explosive & Toxic		A311 A317			FORBIDDEN (115)		FORBIDDEN (115)	
Nitroglycerin solution in alcohol with more than 1% but not more than 10% nitroglycerin	0144	1.1D		Explosive		A325			FORBIDDEN (115)		FORBIDDEN (115)	
Nitroguanidine , dry or wetted with less than 20% water, by mass	0282	1.1D		Explosive					FORBIDDEN (112)		FORBIDDEN (112)	
Nitromannite, wetted with not less than 40% water, or mixture of alcohol and water, by mass	0133	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
Nitrostarch , dry or wetted with less than 20% water, by mass	0146	1.1D		Explosive					FORBIDDEN (112)		FORBIDDEN (112)	
Nitrotriazolone	0490	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Nitro urea	0147	1.1D		Explosive					FORBIDDEN (112 b))		FORBIDDEN (112 b))	
NTO	0490	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
O												
Octogen, desensitized	0484	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Octogen, wetted with not less than 15% water, by mass	0226	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
Octol , dry or wetted with less than 15% water, by mass	0266	1.1D		Explosive					FORBIDDEN (112)		FORBIDDEN (112)	
Octolite , dry or wetted with less than 15% water, by mass	0266	1.1D		Explosive					FORBIDDEN (112)		FORBIDDEN (112)	
Octonal	0496	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
P												
Pentaerythrite tetranitrate with not less than 7% wax, by mass	0411	1.1D		Explosive		A310			FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Pentaerythrite tetranitrate, desensitized with not less than 15% phlegmatizer by mass	0150	1.1D		Explosive		A311			FORBIDDEN (112 a) or b))		FORBIDDEN (112 a) or b))	
Pentaerythrite tetranitrate, wetted with not less than 25% water, by mass	0150	1.1D		Explosive		A311			FORBIDDEN (112 a) or b))		FORBIDDEN (112 a) or b))	
Pentaerythritol tetranitrate with not less than 7% wax, by mass	0411	1.1D		Explosive		A310			FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	

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									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Pentaerythritol tetranitrate, desensitized with not less than 15% phlegmatizer, by mass	0150	1.1D		Explosive		A311			FORBIDDEN (112 a) or b))		FORBIDDEN (112 a) or b))	
Pentaerythritol tetranitrate, wetted with not less than 25% water, by mass	0150	1.1D		Explosive		A311			FORBIDDEN (112 a) or b))		FORBIDDEN (112 a) or b))	
Pentolite , dry or wetted with less than 15% water, by mass	0151	1.1D		Explosive					FORBIDDEN (112)		FORBIDDEN (112)	
PETN with not less than 7% wax, by mass	0411	1.1D		Explosive		A310			FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
PETN, desensitized with not less than 15% phlegmatizer, by mass	0150	1.1D		Explosive		A311			FORBIDDEN (112 a) or b))		FORBIDDEN (112 a) or b))	
PETN, wetted with not less than 25% water, by mass	0150	1.1D		Explosive		A311			FORBIDDEN (112 a) or b))		FORBIDDEN (112 a) or b))	
Picramide	0153	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Picric acid , dry or wetted with less than 30% water, by mass	0154	1.1D		Explosive		A308			FORBIDDEN (112)		FORBIDDEN (112)	
Picrite , dry or wetted with less than 20% water, by mass	0282	1.1D		Explosive					FORBIDDEN (112)		FORBIDDEN (112)	
Picryl chloride	0155	1.1D		Explosive		A308			FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Powder cake, wetted with not less than 17% alcohol, by mass †	0433	1.1C		Explosive		A311			FORBIDDEN (111)		FORBIDDEN (111)	
Powder cake, wetted with not less than 25% water, by mass †	0159	1.3C		Explosive		A311			FORBIDDEN (111)		FORBIDDEN (111)	
Powder paste, wetted with not less than 17% alcohol, by mass †	0433	1.1C		Explosive		A311			FORBIDDEN (111)		FORBIDDEN (111)	
Powder paste, wetted with not less than 25% water, by mass	0159	1.3C		Explosive		A311			FORBIDDEN (111)		FORBIDDEN (111)	
Powder, smokeless †	0160	1.1C		Explosive					FORBIDDEN (114 b))		FORBIDDEN (114 b))	
Powder, smokeless †	0161	1.3C		Explosive					FORBIDDEN (114 b))		FORBIDDEN (114 b))	
Powder, smokeless †	0509	1.4C		Explosive 1.4					FORBIDDEN		114	75 kg
Primers, cap type †	0377	1.1B		Explosive					FORBIDDEN (133)		FORBIDDEN (133)	
Primers, cap type †	0378	1.4B		Explosive 1.4				E0	FORBIDDEN (133)		133	75 kg
Primers, tubular †	0319	1.3G		Explosive					FORBIDDEN (133)		FORBIDDEN (133)	
Primers, tubular †	0320	1.4G		Explosive 1.4				E0	FORBIDDEN (133)		133	75 kg

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									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Projectiles, inert with tracer †	0424	1.3G		Explosive						FORBIDDEN (130)	FORBIDDEN (130)	
Projectiles, inert with tracer †	0425	1.4G		Explosive 1.4				E0	FORBIDDEN (130)	130	75 kg	
Projectiles with burster or expelling charge †	0346	1.2D		Explosive					FORBIDDEN (130)	FORBIDDEN (130)		
Projectiles with burster or expelling charge †	0347	1.4D		Explosive 1.4				E0	FORBIDDEN (130)	130	75 kg	
Projectiles with burster or expelling charge †	0426	1.2F		Explosive					FORBIDDEN (130)	FORBIDDEN (130)		
Projectiles with burster or expelling charge †	0427	1.4F		Explosive 1.4					FORBIDDEN (130)	FORBIDDEN (130)		
Projectiles with burster or expelling charge †	0434	1.2G		Explosive					FORBIDDEN (130)	FORBIDDEN (130)		
Projectiles with burster or expelling charge †	0435	1.4G		Explosive 1.4				E0	FORBIDDEN (130)	130	75 kg	
Projectiles with bursting charge †	0167	1.1F		Explosive					FORBIDDEN (130)	FORBIDDEN (130)		
Projectiles with bursting charge †	0168	1.1D		Explosive					FORBIDDEN (130)	FORBIDDEN (130)		
Projectiles with bursting charge †	0169	1.2D		Explosive					FORBIDDEN (130)	FORBIDDEN (130)		
Projectiles with bursting charge †	0324	1.2F		Explosive					FORBIDDEN (130)	FORBIDDEN (130)		
Projectiles with bursting charge †	0344	1.4D		Explosive 1.4				E0	FORBIDDEN (130)	130	75 kg	
Propellant, liquid †	0495	1.3C		Explosive		A306			FORBIDDEN (115)	FORBIDDEN (115)		
Propellant, liquid †	0497	1.1C		Explosive		A306			FORBIDDEN (115)	FORBIDDEN (115)		
Propellant, solid †	0498	1.1C		Explosive					FORBIDDEN (114 b))	FORBIDDEN (114 b))		
Propellant, solid †	0499	1.3C		Explosive					FORBIDDEN (114 b))	FORBIDDEN (114 b))		
Propellant, solid	0501	1.4C		Explosive 1.4					FORBIDDEN (114 b))	FORBIDDEN (114 b))		
R												
RDX and cyclotetramethylene-tetranitramine mixture, desensitized with not less than 10% phlegmatizer, by mass	0391	1.1D		Explosive		A311			FORBIDDEN (112 a))	FORBIDDEN (112 a))		
RDX and cyclotetramethylene-tetranitramine mixture, wetted with not less than 15% water, by mass	0391	1.1D		Explosive		A311			FORBIDDEN (112 a))	FORBIDDEN (112 a))		
RDX, desensitized	0483	1.1D		Explosive					FORBIDDEN (112 b) or c))	FORBIDDEN (112 b) or c))		

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
RDX, wetted with not less than 15% water, by mass	0072	1.1D		Explosive		A311			FORBIDDEN (112 a))		FORBIDDEN (112 a))	
Rocket motors †	0186	1.3C		Explosive				E0	FORBIDDEN (130)		130	220 kg
Rocket motors †	0280	1.1C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Rocket motors †	0281	1.2C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Rocket motors, liquid fuelled †	0395	1.2J		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Rocket motors, liquid fuelled †	0396	1.3J		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Rocket motors with hypergolic liquids with or without expelling charge †	0250	1.3L		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Rocket motors with hypergolic liquids with or without expelling charge †	0322	1.2L		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Rockets with bursting charge †	0180	1.1F		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Rockets with bursting charge †	0181	1.1E		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Rockets with bursting charge †	0182	1.2E		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Rockets with bursting charge †	0295	1.2F		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Rockets with expelling charge †	0436	1.2C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Rockets with expelling charge †	0437	1.3C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Rockets with expelling charge †	0438	1.4C		Explosive 1.4				E0	FORBIDDEN (130)		130	75 kg
Rockets with inert head †	0183	1.3C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Rockets with inert head †	0502	1.2C		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Rockets, line-throwing †	0238	1.2G		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Rockets, line-throwing †	0240	1.3G		Explosive				E0	FORBIDDEN (130)		130	75 kg
Rockets, line-throwing †	0453	1.4G		Explosive 1.4				E0	FORBIDDEN (130)		130	75 kg
Rockets, liquid fuelled with bursting charge †	0397	1.1J		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Rockets, liquid fuelled with bursting charge †	0398	1.2J		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
S												
✱ Safety devices, pyrotechnic †	0503	1.4G		Explosive 1.4		A32 A56		E0	FORBIDDEN		135	75 kg
								E0	(135)	(75 kg)		
Samples, explosive* , other than initiating explosives	0190	1		Explosive		A322			FORBIDDEN (101)		FORBIDDEN (101)	
Signal devices, hand †	0191	1.4G		Explosive 1.4				E0	FORBIDDEN (135)		135	75 kg
Signals, distress, ship †	0194	1.1G		Explosive					FORBIDDEN (135)		FORBIDDEN (135)	
Signals, distress, ship †	0195	1.3G		Explosive				E0	FORBIDDEN (135)		135	75 kg
Signals, distress, ship†	0505	1.4G		Explosive 1.4				E0	FORBIDDEN		135	75 kg
Signals, railway track, explosive †	0192	1.1G		Explosive					FORBIDDEN (135)		FORBIDDEN (135)	
Signals, railway track, explosive †	0492	1.3G		Explosive					FORBIDDEN (135)		FORBIDDEN (135)	
Signals, railway track, explosive †	0493	1.4G		Explosive 1.4				E0	FORBIDDEN (135)		135	75 kg
Signals, smoke †	0196	1.1G		Explosive					FORBIDDEN (135)		FORBIDDEN (135)	
Signals, smoke †	0197	1.4G		Explosive 1.4				E0	FORBIDDEN (135)		135	75 kg
Signals, smoke †	0313	1.2G		Explosive					FORBIDDEN (135)		FORBIDDEN (135)	
Signals, smoke †	0487	1.3G		Explosive					FORBIDDEN (135)		FORBIDDEN (135)	
Sodium dinitro-o-cresolate , dry or wetted with less than 15% water, by mass	0234	1.3C		Explosive		A308			FORBIDDEN (114)		FORBIDDEN (114)	
Sodium picramate , dry or wetted with less than 20% water, by mass	0235	1.3C		Explosive					FORBIDDEN (114)		FORBIDDEN (114)	
Sounding devices, explosive †	0204	1.2F		Explosive					FORBIDDEN (134)		FORBIDDEN (134)	
Sounding devices, explosive †	0296	1.1F		Explosive					FORBIDDEN (134)		FORBIDDEN (134)	
Sounding devices, explosive †	0374	1.1D		Explosive					FORBIDDEN (134)		FORBIDDEN (134)	
Sounding devices, explosive †	0375	1.2D		Explosive					FORBIDDEN (134)		FORBIDDEN (134)	
Styphnic acid , dry or wetted with less than 20% water, or mixture of alcohol and water, by mass	0219	1.1D		Explosive					FORBIDDEN (112)		FORBIDDEN (112)	

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Styphnic acid, wetted with not less than 20% water, or mixture of alcohol and water, by mass	0394	1.1D		Explosive					FORBIDDEN (112 a))		FORBIDDEN (112 a))	
Substances, EVI, n.o.s.* †	0482	1.5D		Explosive 1.5					FORBIDDEN (101)		FORBIDDEN (101)	
Substances, explosive, n.o.s.*	0357	1.1L		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Substances, explosive, n.o.s.*	0358	1.2L		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Substances, explosive, n.o.s.*	0359	1.3L		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Substances, explosive, n.o.s.*	0473	1.1A		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Substances, explosive, n.o.s.*	0474	1.1C		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Substances, explosive, n.o.s.*	0475	1.1D		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Substances, explosive, n.o.s.*	0476	1.1G		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Substances, explosive, n.o.s.*	0477	1.3C		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Substances, explosive, n.o.s.*	0478	1.3G		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Substances, explosive, n.o.s.*	0479	1.4C		Explosive 1.4		A62		E0	FORBIDDEN (101)		101	75 kg
Substances, explosive, n.o.s.*	0480	1.4D		Explosive 1.4		A62		E0	FORBIDDEN (101)		101	75 kg
Substances, explosive, n.o.s.*	0485	1.4G		Explosive 1.4		A62		E0	FORBIDDEN (101)		101	75 kg
Substances, explosive, very insensitive, n.o.s.* †	0482	1.5D		Explosive 1.5					FORBIDDEN (101)		FORBIDDEN (101)	
T												
Tetranitroaniline	0207	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Tetrazene, wetted with not less than 30% water, or mixture of alcohol and water, by mass	0114	1.1A		Explosive		A311			FORBIDDEN (110 a) or b))		FORBIDDEN (110 a) or b))	
Tetrazol-1-acetic acid	0407	1.4C		Explosive 1.4				E0	FORBIDDEN (114 b))		114 b)	75 kg
1H-Tetrazole	0504	1.1D		Explosive					FORBIDDEN (112 c))		FORBIDDEN (112 c))	
Tetryl	0208	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
TNT, dry or wetted with less than 30% water, by mass	0209	1.1D		Explosive		A308			FORBIDDEN (112)		FORBIDDEN (112)	
TNT and hexanitrostilbene mixture	0388	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
TNT and trinitrobenzene mixture	0388	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
TNT mixture containing trinitrobenzene and hexanitrostilbene	0389	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Torpedoes with bursting charge †	0329	1.1E		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Torpedoes with bursting charge †	0330	1.1F		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Torpedoes with bursting charge †	0451	1.1D		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Torpedoes, liquid fuelled with inert head †	0450	1.3J		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Torpedoes, liquid fuelled with or without bursting charge †	0449	1.1J		Explosive					FORBIDDEN (101)		FORBIDDEN (101)	
Tracers for ammunition †	0212	1.3G		Explosive					FORBIDDEN (133)		FORBIDDEN (133)	
Tracers for ammunition †	0306	1.4G		Explosive 1.4				E0	FORBIDDEN (133)		133	75 kg
Trinitroaniline	0153	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Trinitroanisole	0213	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Trinitrobenzene , dry or wetted with less than 30% water, by mass	0214	1.1D		Explosive		A308			FORBIDDEN (112)		FORBIDDEN (112)	
Trinitrobenzenesulphonic acid	0386	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Trinitrobenzoic acid , dry or wetted with less than 30% water, by mass	0215	1.1D		Explosive		A308			FORBIDDEN (112)		FORBIDDEN (112)	
Trinitrochlorobenzene	0155	1.1D		Explosive		A308			FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Trinitro-m-cresol	0216	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Trinitrofluorenone	0387	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Trinitronaphthalene	0217	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Trinitrophenetole	0218	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Trinitrophenol , dry or wetted with less than 30% water, by mass	0154	1.1D		Explosive		A308			FORBIDDEN (112)		FORBIDDEN (112)	
Trinitrophenylmethylnitramine	0208	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Trinitroresorcinol , dry or wetted with less than 20% water, or mixture of alcohol and water, by mass	0219	1.1D		Explosive					FORBIDDEN (112)		FORBIDDEN (112)	
Trinitroresorcinol , wetted with not less than 20% water, or mixture of alcohol and water, by mass	0394	1.1D		Explosive					FORBIDDEN (112 a))		FORBIDDEN (112 a))	

Name	UN No.	Class or division	Sub-sidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only	
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package
1	2	3	4	5	6	7	8	9	10	11	12	13
Trinitrotoluene , dry or wetted with less than 30% water, by mass	0209	1.1D		Explosive		A308			FORBIDDEN (112)		FORBIDDEN (112)	
Trinitrotoluene and hexanitrostilbene mixture	0388	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Trinitrotoluene and trinitrobenzene mixture	0388	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Trinitrotoluene mixture containing trinitrobenzene and hexanitrostilbene	0389	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
Tritonal	0390	1.1D		Explosive					FORBIDDEN (112 b) or c))		FORBIDDEN (112 b) or c))	
U												
Urea nitrate , dry or wetted with less than 20% water, by mass	0220	1.1D		Explosive		A309			FORBIDDEN (112)		FORBIDDEN (112)	
W												
Warheads, rocket with burster or expelling charge †	0370	1.4D		Explosive 1.4				E0	FORBIDDEN (130)		130	75 kg
Warheads, rocket with burster or expelling charge †	0371	1.4F		Explosive 1.4					FORBIDDEN (130)		FORBIDDEN (130)	
Warheads, rocket with bursting charge †	0286	1.1D		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Warheads, rocket with bursting charge †	0287	1.2D		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Warheads, rocket with bursting charge †	0369	1.1F		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Warheads, torpedo with bursting charge †	0221	1.1D		Explosive					FORBIDDEN (130)		FORBIDDEN (130)	
Z												
Zirconium picramate , dry or wetted with less than 20% water, by mass	0236	1.3C		Explosive					FORBIDDEN (114)		FORBIDDEN (114)	

