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TITLE 49--TRANSPORTATION

CHAPTER I--RESEARCH AND SPECIAL PROGRAMS ADMINISTRATION, DEPARTMENT OF TRANSPORTATION

PART 172_HAZARDOUS MATERIALS TABLE, SPECIAL PROVISIONS, HAZARDOUS MATERIALS

Subpart B_Table of Hazardous Materials and Special Provisions

Sec. 172.101 Purpose and use of hazardous materials table.

(a) The Hazardous Materials  Table (Table) in this section designates the materials listed therein as hazardous materials for the purpose of transportation of those materials. For each listed material, the Table identifies the hazard class or specifies that the material is forbidden in transportation, and gives the proper shipping name or directs the user to the preferred proper shipping name. In addition, the Table specifies or references requirements in this subchapter pertaining to labeling, packaging, quantity limits aboard aircraft and stowage of hazardous materials aboard vessels.

(b) Column 1: Symbols. Column 1 of the Table contains six symbols ("+", "A", "D", "G", "I" and "W") as follows:

(1) The plus (+) sign fixes the proper shipping name, hazard class and packing group for that entry without regard to whether the material meets the definition of that class, packing group or any other hazard class definition. When the plus sign is assigned to a proper shipping name in Column (1) of the Sec. 172.101 Table, it means that the material is known to pose a risk to humans. When a plus sign is assigned to mixtures or solutions containing a material where the hazard to humans is significantly different from that of the pure material or where no hazard to humans is posed, the material may be described using an alternative shipping name that represents the hazards posed by the material. An appropriate alternate proper shipping name and hazard class may be authorized by the Associate Administrator.

(2) The letter "A" denotes a material that is subject to the requirements of this subchapter only when offered or intended for transportation by aircraft, unless the material is a hazardous substance or a hazardous waste. A shipping description entry preceded by an "A" may be used to describe a material for other modes of transportation provided all applicable requirements for the entry are met.

(3) The letter "D" identifies proper shipping names which are appropriate for describing materials for domestic transportation but may be inappropriate for international transportation under the provisions of international regulations (e.g., IMO, ICAO). An alternate proper shipping name may be selected when either domestic or international transportation is involved.

(4) The letter "G" identifies proper shipping names for which one or more technical names of the hazardous material must be entered in parentheses, in association with the basic description. (See Sec. 172.203(k).)

(5) The letter "I" identifies proper shipping names which are appropriate for describing materials in international transportation. An alternate proper shipping name may be selected when only domestic transportation is involved.

(6) The letter "W" denotes a material that is subject to the requirements of this subchapter only when offered or intended for transportation by vessel, unless the material is a hazardous substance or a hazardous waste. A shipping description entry preceded by a "W" may be used to describe a material for other modes of transportation provided all applicable requirements for the entry are met.

(c) Column 2: Hazardous materials descriptions and proper shipping names.

Column 2 lists the hazardous materials descriptions and proper shipping names

of materials designated as hazardous materials. Modification of a proper shipping name may otherwise be required or authorized by this section. Proper shipping names are limited to those shown in Roman type (not italics).

(1) Proper shipping names may be used in the singular or plural and in either capital or lower case letters. Words may be alternatively spelled in the same manner as they appear in the ICAO Technical Instructions or the IMDG Code. For example “aluminum” may be spelled “aluminium” and “sulfur” may be spelled “sulphur”. However, the word “inflammable” may not be used in place of the word “flammable”.

(2) Punctuation marks and words in italics are not part of the proper shipping name, but may be used in addition to the proper shipping name. The word “or” in italics indicates that terms in the sequence may be used as the proper shipping name, as appropriate.

(3) The word “poison” or “poisonous” may be used interchangeably with the word “toxic” when only domestic transportation is involved. The abbreviation “n.o.i.” or “n.o.i.b.n.” may be used interchangeably with “n.o.s.”.

(4) Except for hazardous wastes, when qualifying words are used as part of the proper shipping name, their sequence in the package markings and shipping paper description is optional. However, the entry in the Table reflects the preferred sequence.

(5) When one entry references another entry by use of the word “see”, if both names are in Roman type, either name may be used as the proper shipping name (e.g., Ethyl alcohol, *see* Ethanol).

(6) When a proper shipping name includes a concentration range as part of the shipping description, the actual concentration, if it is within the range stated, may be used in place of the concentration range. For example, an aqueous solution of hydrogen peroxide containing 30 percent peroxide may be described as “Hydrogen peroxide, aqueous solution *with not less than 20 percent but not more than 40 percent hydrogen peroxide*” or “Hydrogen peroxide, aqueous solution *with 30 percent hydrogen peroxide*”.

(7) Use of the prefix “mono” is optional in any shipping name, when appropriate. Thus, Iodine monochloride may be used interchangeably with Iodine chloride. In “Glycerol alpha-monochlorohydrin” the term “mono” is considered a prefix to the term “chlorohydrin” and may be deleted.

(8) Use of the word “liquid” or “solid”. The word “liquid” or “solid” may be added to a proper shipping name when a hazardous material specifically listed by name may, due to differing physical states, be a liquid or solid. When the packaging specified in Column 8 is inappropriate for the physical state of the material, the table provided in paragraph (i)(4) of this section should be used to determine the appropriate packaging section.

(9) *Hazardous wastes*. If the word “waste” is not included in the hazardous material description in Column 2 of the Table, the proper shipping name for a hazardous waste (as defined in §171.8 of this subchapter), shall include the word “Waste” preceding the proper shipping name of the material. For example: Waste acetone.

(10) *Mixtures and solutions*. (i) A mixture or solution not identified specifically by name, comprised of a hazardous material identified in the Table by technical name and non-hazardous material, shall be described using the proper shipping name of the hazardous material and the qualifying word “mixture” or “solution”, as appropriate, unless—

(A) Except as provided in §172.101(i)(4) the packaging specified in Column 8 is inappropriate to the physical state of the material;

(B) The shipping description indicates that the proper shipping name applies only to the pure or technically pure hazardous material;

(C) The hazard class, packing group, or subsidiary hazard of the mixture or solution is different from that specified for the entry;

(D) There is a significant change in the measures to be taken in emergencies;

(E) The material is identified by special provision in Column 7 of the §172.101 Table as a material poisonous by inhalation; however, it no longer

meets the definition of poisonous by inhalation or it falls within a different hazard zone than that specified in the special provision; or

(F) The material can be appropriately described by a shipping name that describes its intended application, such as "Coating solution", "Extracts, flavoring" or "Compound, cleaning liquid".

(ii) If one or more of the conditions specified in paragraph (c)(10)(i) of this section is satisfied, then a proper shipping name shall be selected as prescribed in paragraph (c)(12)(ii) of this section.

(iii) A mixture or solution not identified in the Table specifically by name, comprised of two or more hazardous materials in the same hazard class, shall be described using an appropriate shipping description (e.g., "Flammable liquid, n.o.s."). The name that most appropriately describes the material shall be used; e.g., an alcohol not listed by its technical name in the Table shall be described as "Alcohol, n.o.s." rather than "Flammable liquid, n.o.s.". Some mixtures may be more appropriately described according to their application, such as "Coating solution" or "Extracts, flavoring liquid" rather than by an n.o.s. entry. Under the provisions of subparts C and D of this part, the technical names of at least two components most predominately contributing to the hazards of the mixture or solution may be required in association with the proper shipping name.

(11) Except for a material subject to or prohibited by §§ 173.21, 173.54, 173.56(d), 173.56(e), 173.224(c) or 173.225(c) of this subchapter, a material that is considered to be a hazardous waste or a sample of a material for which the hazard class is uncertain and must be determined by testing may be assigned a tentative proper shipping name, hazard class, identification number and packing group, if applicable, based on the shipper's tentative determination according to:

(i) Defining criteria in this subchapter;

(ii) The hazard precedence prescribed in § 173.2a of this subchapter;

(iii) The shippers knowledge of the material;

(iv) In addition to paragraphs (c)(11)(i) through (iii) of this section, for a sample of a material, other than a waste, the following must be met:

(A) Except when the word "Sample" already appears in the proper shipping name, the word "Sample" must appear as part of the proper shipping name or in association with the basic description on the shipping paper.

(B) When the proper shipping description for a sample is assigned a "G" in Column (1) of the § 172.101 Table, and the primary constituent(s) for which the tentative classification is based are not known, the provisions requiring a technical name for the constituent(s) do not apply; and

(C) A sample must be transported in a combination packaging which conforms to the requirements of this subchapter that are applicable to the tentative packing group assigned, and may not exceed a net mass of 2.5 kg. (5.5 pounds) per package.

NOTE TO PARAGRAPH (c)(11): For the transportation of self-reactive, organic peroxide and explosive samples, see §§ 173.224(c)(3), 173.225(c)(2) and 173.56(d) of this subchapter, respectively.

(12) Except when the proper shipping name in the Table is preceded by a plus (+)—

(i) If it is specifically determined that a material meets the definition of a hazard class, packing group or hazard zone, other than the class, packing group or hazard zone shown in association with the proper shipping name, or does not meet the defining criteria for a subsidiary hazard shown in Column 6 of the Table, the material shall be described by an appropriate proper shipping name listed in association with the correct hazard class, packing group, hazard zone, or subsidiary hazard for the material.

(ii) *Generic or n.o.s. descriptions.* If an appropriate technical name is not shown in the Table, selection of a proper shipping name shall be made from the generic or n.o.s. descriptions corresponding to the specific hazard class, packing group, hazard zone, or subsidiary hazard, if any, for the material. The name that most appropriately describes the material shall be used; e.g., an alcohol not listed by its technical name in the Table shall be described as

“Alcohol, n.o.s.” rather than “Flammable liquid, n.o.s.”. Some mixtures may be more appropriately described according to their application, such as “Coating solution” or “Extracts, flavoring, liquid”, rather than by an n.o.s. entry, such as “Flammable liquid, n.o.s.” It should be noted, however, that an n.o.s. description as a proper shipping name may not provide sufficient information for shipping papers and package markings. Under the provisions of subparts C and D of this part, the technical name of one or more constituents which makes the product a hazardous material may be required in association with the proper shipping name.

(iii) *Multiple hazard materials.* If a material meets the definition of more than one hazard class, and is not identified in the Table specifically by name (e.g., acetyl chloride), the hazard class of the material shall be determined by using the precedence specified in §173.2a of this subchapter, and an appropriate shipping description (e.g., “Flammable liquid, corrosive n.o.s.”) shall be selected as described in paragraph (c)(12)(ii) of this section.

(iv) If it is specifically determined that a material is not a forbidden material and does not meet the definition of any hazard class, the material is not a hazardous material.

(13) *Self-reactive materials and organic peroxides.* A generic proper shipping name for a self-reactive material or an organic peroxide, as listed in Column 2 of the Table, must be selected based on the material’s technical name and concentration, in accordance with the provisions of §§173.224 or 173.225 of this subchapter, respectively.

(14) A proper shipping name that describes all isomers of a material may be used to identify any isomer of that material if the isomer meets criteria for the same hazard class or division, subsidiary risk(s) and packing group, unless the isomer is specifically identified in the Table.

(15) Unless a hydrate is specifically listed in the Table, a proper shipping name for the equivalent anhydrous substance may be used, if the hydrate meets the same hazard class or division, subsidiary risk(s) and packing group.

(16) Unless it is already included in the proper shipping name in the §172.101 Table, the qualifying words “liquid” or “solid” may be added in association with the proper shipping name when a hazardous material specifically listed by name in the §172.101 Table may, due to the differing physical states of the various isomers of the material, be either a liquid or a solid (for example “Dinitrotoluenes, liquid” and “Dinitrotoluenes, solid”). Use of the words “liquid” or “solid” is subject to the limitations specified for the use of the words “mixture” or “solution” in paragraph (c)(10) of this section. The qualifying word “molten” may be added in association with the proper shipping name when a hazardous material, which is a solid in accordance with the definition in §171.8 of this subchapter, is offered for transportation in the molten state (for example, “Alkylphenols, solid, n.o.s., molten”).

(d) *Column 3: Hazard class or Division.* Column 3 contains a designation of the hazard class or division corresponding to each proper shipping name, or the word “Forbidden”.

(1) A material for which the entry in this column is “Forbidden” may not be offered for transportation or transported. This prohibition does not apply if the material is diluted, stabilized or incorporated in a device and it is classed in accordance with the definitions of hazardous materials contained in part 173 of this subchapter.

(2) When a reevaluation of test data or new data indicates a need to modify the “Forbidden” designation or the hazard class or packing group specified for a material specifically identified in the Table, this data should be submitted to the Associate Administrator.

(3) A basic description of each hazard class and the section reference for class definitions appear in §173.2 of this subchapter.

(4) Each reference to a Class 3 material is modified to read “Combustible liquid” when that material is reclassified in accordance with §173.150 (e) or (f) of this subchapter or has a flash point above 60.5 °C (141 °F) but below 93 °C (200 °F).

(e) *Column 4: Identification number.* Column 4 lists the identification number assigned to each proper shipping

name. Those preceded by the letters “UN” are associated with proper shipping names considered appropriate for international transportation as well as domestic transportation. Those preceded by the letters “NA” are associated with proper shipping names not recognized for international transportation, except to and from Canada. Identification numbers in the “NA9000” series are associated with proper shipping names not appropriately covered by international hazardous materials (dangerous goods) transportation standards, or not appropriately addressed by international transportation standards for emergency response information purposes, except for transportation between the United States and Canada.

(f) *Column 5: Packing group.* Column 5 specifies one or more packing groups assigned to a material corresponding to the proper shipping name and hazard class for that material. Class 2, Class 7, Division 6.2 (other than regulated medical wastes), and ORM-D materials, do not have packing groups. Packing Groups I, II and III indicate the degree of danger presented by the material is either great, medium or minor, respectively. If more than one packing group is indicated for an entry, the packing group for the hazardous material is determined using the criteria for assignment of packing groups specified in subpart D of part 173. When a reevaluation of test data or new data indicates a need to modify the specified packing group(s), the data should be submitted to the Associate Administrator. Each reference in this column to a material which is a hazardous waste or a hazardous substance, and whose proper shipping name is preceded in Column 1 of the Table by the letter “A” or “W”, is modified to read “III” on those occasions when the material is offered for transportation or transported by a mode in which its transportation is not otherwise subject to requirements of this subchapter.

(g) *Column 6: Labels.* Column 6 specifies codes which represent the hazard warning labels required for a package filled with a material conforming to the associated hazard class and proper shipping name, unless the package is otherwise excepted from labeling by a

provision in subpart E of this part, or part 173 of this subchapter. The first code is indicative of the primary hazard of the material. Additional label codes are indicative of subsidiary hazards. Provisions in §172.402 may require that a label other than that specified in Column 6 be affixed to the package in addition to that specified in Column 6. No label is required for a material classed as a combustible liquid or for a Class 3 material that is reclassified as a combustible liquid. For “Empty” label requirements, see §173.428 of this subchapter. The codes contained in Column 6 are defined according to the following table:

LABEL SUBSTITUTION TABLE

Label code	Label name
1	Explosive
1.1 ¹	Explosive 1.1 ¹
1.2 ¹	Explosive 1.2 ¹
1.3 ¹	Explosive 1.3 ¹
1.4 ¹	Explosive 1.4 ¹
1.5 ¹	Explosive 1.5 ¹
1.6 ¹	Explosive 1.6 ¹
2.1	Flammable Gas
2.2	Non-Flammable Gas
2.3	Poison Gas
3	Flammable Liquid
4.1	Flammable Solid
4.2	Spontaneously Combustible
4.3	Dangerous When Wet
5.1	Oxidizer
5.2	Organic Peroxide
6.1 (inhalation hazard, Zone A or B).	Poison Inhalation Hazard
6.1 (other than inhalation hazard, Zone A or B) ² .	Poison
6.2	Infectious substance
7	Radioactive
8	Corrosive
9	Class 9

¹ Refers to the appropriate compatibility group letter.

² The packing group for a material is indicated in column 5 of the table.

(h) *Column 7: Special provisions.* Column 7 specifies codes for special provisions applicable to hazardous materials. When Column 7 refers to a special provision for a hazardous material, the meaning and requirements of that special provision are as set forth in §172.102 of this subpart.

(i) *Column 8: Packaging authorizations.* Columns 8A, 8B and 8C specify the applicable sections for exceptions, non-bulk packaging requirements and bulk packaging requirements, respectively, in part 173 of this subchapter. Columns 8A, 8B and 8C are completed in a manner which indicates that “§173.” precedes the designated numerical entry.

For example, the entry “202” in Column 8B associated with the proper shipping name “Gasoline” indicates that for this material conformance to non-bulk packaging requirements prescribed in §173.202 of this subchapter is required. When packaging requirements are specified, they are in addition to the standard requirements for all packagings prescribed in §173.24 of this subchapter and any other applicable requirements in subparts A and B of part 173 of this subchapter.

(1) Exceptions. Column 8A contains exceptions from some of the requirements of this subchapter. The referenced exceptions are in addition to those specified in subpart A of part 173 and elsewhere in this subchapter. A “None” in this column means no packaging exceptions are authorized, except as may be provided by special provisions in Column 7.

(2) Non-bulk packaging. Column 8B references the section in part 173 of this subchapter which prescribes packaging requirements for non-bulk packagings. A “None” in this column means non-bulk packagings are not authorized, except as may be provided by special provisions in Column 7. Each reference in this column to a material which is a hazardous waste or a hazardous substance, and whose proper shipping name is preceded in Column 1 of the Table by the letter “A” or “W”, is modified to include “§173.203” or “§173.213”, as appropriate for liquids and solids, respectively, on those occasions when the material is offered for transportation or transported by a mode in which its transportation is not otherwise subject to the requirements of this subchapter.

(3) Bulk packaging. Column 8C specifies the section in part 173 of this subchapter which prescribes packaging requirements for bulk packagings, subject to the limitations, requirements and additional authorizations of Column 7. A “None” in this column means bulk packagings are not authorized, except as may be provided by special provisions in Column 7. Additional authorizations and limitations for use of IM portable tanks are set forth in Column 7. For each reference in this column to a material which is a hazardous waste or a hazardous substance, and whose

proper shipping name is preceded in Column 1 of the Table by the letter “A” or “W” and which is offered for transportation or transported by a mode in which its transportation is not otherwise subject to the requirements of this subchapter:

(i) The column reference is §173.240 or §173.241, as appropriate.

(ii) For a solid material, the exception provided in Special provision B54 is applicable.

(iii) For a Class 9 material which meets the definition of an elevated temperature material, the column reference is §173.247.

(4) For a hazardous material which is specifically named in the Table and whose packaging sections specify packagings not applicable to the form of the material (e.g., packaging specified is for solid material and the material is being offered for transportation in a liquid form) the following table should be used to determine the appropriate packaging section:

Packaging section reference for solid materials	Corresponding packaging section for liquid materials
§ 173.187	§ 173.181
§ 173.211	§ 173.201
§ 173.212	§ 173.202
§ 173.213	§ 173.203
§ 173.240	§ 173.241
§ 173.242	§ 173.243

(j) *Column 9: Quantity limitations.* Columns 9A and 9B specify the maximum quantities that may be offered for transportation in one package by passenger-carrying aircraft or passenger-carrying rail car (Column 9A) or by cargo aircraft only (Column 9B), subject to the following:

(1) “Forbidden” means the material may not be offered for transportation or transported in the applicable mode of transport.

(2) The quantity limitation is “net” except where otherwise specified, such as for “Consumer commodity” which specifies “30 kg gross.”

(3) When articles or devices are specifically listed by name, the net quantity limitation applies to the entire article or device (less packaging and packaging materials) rather than only to its hazardous components.

(4) A package offered or intended for transportation by aircraft and which is

filled with a material forbidden on passenger-carrying aircraft but permitted on cargo aircraft only, or which exceeds the maximum net quantity authorized on passenger-carrying aircraft, shall be labelled with the CARGO AIRCRAFT ONLY label specified in §172.448 of this part.

(5) The total net quantity of hazardous material for an outer non-bulk packaging that contains more than one hazardous material may not exceed the lowest permitted maximum net quantity per package as shown in Column 9A or 9B, as appropriate. If one material is a liquid and one is a solid, the maximum net quantity must be calculated in kilograms. See §173.24a(c)(1)(iv).

(k) *Column 10: Vessel stowage requirements.* Column 10A [Vessel stowage] specifies the authorized stowage locations on board cargo and passenger vessels. Column 10B [Other provisions] specifies codes for stowage requirements for specific hazardous materials. The meaning of each code in Column 10B is set forth in §176.84 of this subchapter. Section 176.63 of this subchapter sets forth the physical requirements for each of the authorized locations listed in Column 10A. (For bulk transportation by vessel, see 46 CFR parts 30 to 40, 70, 98, 148, 151, 153 and 154.) The authorized stowage locations specified in Column 10A are defined as follows:

(1) Stowage category “A” means the material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel.

(2) Stowage category “B” means—

(i) The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and

(ii) “On deck only” on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

(3) Stowage category “C” means the material must be stowed “on deck only” on a cargo vessel and on a passenger vessel.

(4) Stowage category “D” means the material must be stowed “on deck only”

on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers or one passenger per each 3 m of overall vessel length, but the material is prohibited on passenger vessels in which the limiting number of passengers is exceeded.

(5) Stowage category “E” means the material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length, but is prohibited from carriage on passenger vessels in which the limiting number of passengers is exceeded.

(6) Stowage category “01” means the material may be stowed “on deck” or “under deck” on a cargo vessel (up to 12 passengers) and on a passenger vessel.

(7) Stowage category “02” means the material may be stowed “on deck” or “under deck” on a cargo vessel (up to 12 passengers) and “on deck” in closed cargo transport units or “under deck” in closed cargo transport units on a passenger vessel.

(8) Stowage category “03” means the material may be stowed “on deck” or “under deck” on a cargo vessel (up to 12 passengers) and “on deck” in closed cargo transport units on a passenger vessel.

(9) Stowage category “04” means the material may be stowed “on deck” or “under deck” on a cargo vessel (up to 12 passengers) but the material is prohibited on a passenger vessel.

(10) Stowage category “05” means the material may be stowed “on deck” in closed cargo transport units or “under deck” on a cargo vessel (up to 12 passengers) and on a passenger vessel.

(11) Stowage category “06” means the material may be stowed “on deck” in closed cargo transport units or “under deck” on a cargo vessel (up to 12 passengers) and “on deck” in closed cargo transport units or “under deck” in closed cargo transport units on a passenger vessel.

(12) Stowage category “07” means the material may be stowed “on deck” in closed cargo transport units or “under deck” on a cargo vessel (up to 12 passengers) and “on deck” only in closed

cargo transport units on a passenger vessel.

(13) Stowage category “08” means the material may be stowed “on deck” in closed cargo transport units or “under deck” on a cargo vessel (up to 12 passengers) but the material is prohibited on a passenger vessel.

(14) Stowage category “09” means the material may be stowed “on deck only” in closed cargo transport units or “under deck” in closed cargo transport units on a cargo vessel (up to 12 passengers) and on a passenger vessel.

(15) Stowage category “10” means the material may be stowed “on deck” in closed cargo transport units or “under deck” in closed cargo transport units on a cargo vessel (up to 12 passengers) and “on deck” only in closed cargo transport units on a passenger vessel.

(16) Stowage category “11” means the material may be stowed “on deck” in closed cargo transport units or “under deck” in magazine stowage type “c” on a cargo vessel (up to 12 passengers) and “on deck” only in closed cargo transport units on a passenger vessel.

(17) Stowage category “12” means the material may be stowed “on deck” in closed cargo transport units or “under deck” in magazine stowage type “c” on a cargo vessel (up to 12 passengers) but the material is prohibited on a passenger vessel.

(18) Stowage category “13” means the material may be stowed “on deck” in closed cargo transport units or “under deck” in magazine stowage type “A” on a cargo vessel (up to 12 passengers) and “on deck” only in closed cargo transport units on a passenger vessel.

(19) Stowage category “14” means the material may be stowed “on deck” in closed cargo transport units on a cargo vessel (up to 12 passengers) but the material is prohibited on a passenger vessel.

(20) Stowage category “15” means the material may be stowed “on deck” in closed cargo transport units or “under deck” in closed cargo transport units on a cargo vessel (up to 12 passengers) but the material is prohibited on a passenger vessel.

(1) *Changes to the Table.* (1) Unless specifically stated otherwise in a rule document published in the FEDERAL REGISTER amending the Table—

(i) Such a change does not apply to the shipment of any package filled prior to the effective date of the amendment; and

(ii) Stocks of preprinted shipping papers and package markings may be continued in use, in the manner previously authorized, until depleted or for a one-year period, subsequent to the effective date of the amendment, whichever is less.

(2) Except as otherwise provided in this section, any alteration of a shipping description or associated entry which is listed in the §172.101 Table must receive prior written approval from the Associate Administrator.

(3) The proper shipping name of a hazardous material changed in the May 6, 1997 final rule, in effect on October 1, 1997, only by the addition or omission of the word “compressed,” “inhibited,” “liquefied” or “solution” may continue to be used to comply with package marking requirements, until January 1, 2003.

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	<i>Acetyl benzoyl peroxide, solid, or with more than 40 percent in solution.</i>	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Acetyl bromide	8	UN1716	II	8	B2, IB2, T8, TP2, TP12	154	202	242	1 L	30 L	C	40
	Acetyl chloride	3	UN1717	II	3, 8	A3, A6, A7, IB1, N34, T8, TP2, TP12	None	202	243	1 L	5 L	B	40
	<i>Acetyl cyclohexanesulfonyl peroxide, with more than 82 percent wetted with less than 12 percent water.</i>	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Acetyl iodide	8	UN1898	II	8	B2, IB2, T7, TP2, TP13	154	202	242	1 L	30 L	C	40
	Acetyl methyl carbinol	3	UN2621	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Acetyl peroxide, solid, or with more than 25 percent in solution.</i>	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Acetylene, dissolved	2.1	UN1001	.....	2.1	.....	None	303	None	Forbidden	15 kg	D	25, 40, 57
	<i>Acetylene (liquefied)</i>	Forbidden			.....		.....	.....	.....	.....	.....		.....
	<i>Acetylene silver nitrate</i>	Forbidden			.....		.....	.....	.....	.....	.....		.....
	<i>Acetylene tetrabromide, see Tetrabromoethane.</i>	.....			.....		.....	.....	.....	.....	.....		.....
	<i>Acid butyl phosphate, see Butyl acid phosphate.</i>	.....			.....		.....	.....	.....	.....	.....		.....
	<i>Acid, sludge, see Sludge acid</i> ..	.....			.....		.....	.....	.....	.....	.....		.....
	Acridine	6.1	UN2713	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Acrolein dimer, stabilized	3	UN2607	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	40
	Acrolein, stabilized	6.1	UN1092	I	6.1, 3	1, B9, B14, B30, B42, B72, B77, T22, TP2, TP7, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40
	Acrylamide	6.1	UN2074	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	12
	Acrylic acid, stabilized	8	UN2218	II	8, 3	B2, IB2, T7, TP2	154	202	243	1 L	30 L	C	25, 40
	Acrylonitrile, stabilized	3	UN1093	I	3, 6.1	B9, T14, TP2, TP13	None	201	243	Forbidden	30 L	E	40

Actuating cartridge, explosive, see Cartridges, power device.													
Adhesives, containing a flammable liquid.	3	UN1133	I	3	B42, T11, TP1, TP8, TP27	150	201	243	1 L	30 L	B		
			II	3	149, B52, IB2, T4, TP1, TP8	150	173	242	5 L	60 L	B.		
			III	3	B1, B52, IB3, T2, TP1	150	173	242	60 L	220 L	A.		
Adiponitrile	6.1	UN2205	III	6.1	IB3, T3, TP1	153	203	241	60 L	220 L	A		
Aerosols, corrosive, Packing Group II or III, (each not exceeding 1 L capacity).	2.2	UN1950		2.2, 8	153, A34	306	None	None	75 kg	150 kg	A	48, 87, 126	
Aerosols, flammable, (each not exceeding 1 L capacity).	2.1	UN1950		2.1	153, N82	306	None	None	75 kg	150 kg	A	48, 87, 126	
Aerosols, flammable, n.o.s. (engine starting fluid) (each not exceeding 1 L capacity).	2.1	UN1950		2.1	153, N82	306	304	None	Forbidden	150 kg	A	48, 87, 126	
Aerosols, non-flammable, (each not exceeding 1 L capacity).	2.2	UN1950		2.2	153	306, 307.	None	None	75 kg	150 kg	A	48, 87, 126	
Aerosols, poison, each not exceeding 1 L capacity.	2.2	UN1950		2.2	153	306	None	None	Forbidden	Forbidden	A	48, 87, 126	
Air bag inflators, or Air bag modules, or Seat-belt pretensioners.	9	UN3268	III	9	160	166	166	166	25 kg	100 kg	A		
Air, compressed	2.2	UN1002		2.2	78	306	302	302	75 kg	150 kg	A		
Air, refrigerated liquid, (cryogenic liquid).	2.2	UN1003		2.2, 5.1.	T75, TP5, TP22	320	316	318, 319.	Forbidden	150 kg	D	51	
Air, refrigerated liquid, (cryogenic liquid) non-pressurized.	2.2	UN1003		2.2, 5.1.	T75, TP5, TP22	320	316	318, 319.	Forbidden	Forbidden	D	51	
Aircraft engines (including turbines), see Engines, internal combustion.													
Aircraft evacuation slides, see Life saving appliances etc.													
Aircraft hydraulic power unit fuel tank (containing a mixture of anhydrous hydrazine and monomethyl hydrazine) (M86 fuel).	3	UN3165	I	3, 6.1, 8.		None	172	None	Forbidden	42 L	E		
Aircraft survival kits, see Life saving appliances etc.													
Alcoholates solution, n.o.s., in alcohol.	3	UN3274	II	3, 8	IB2	None	202	243	1 L	5 L	B		
Alcoholic beverages	3	UN3065	II	3	24, B1, IB2, T4, TP1	150	202	242	5 L	60 L	A		
			III	3	24, B1, IB3, N11, T2, TP1	150	203	242	60 L	220 L	A		
Alcohols, n.o.s.	3	UN1987	I	3	T11, TP1, TP8, TP27	None	201	243	1 L	30 L	E		

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
G	Alcohols, flammable, toxic, n.o.s.	3	UN1986	II	3	IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B	
				III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	
				I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	E	40
				II	3, 6.1	IB2, T11, TP2, TP27	None	202	243	1 L	60 L	B	40
				III	3, 6.1	B1, IB3, T7, TP1, TP28	None	203	242	60 L	220 L	A	
		Aldehydes, n.o.s.	3	UN1989	I	3	T11, TP1, TP27	None	201	243	1 L	30 L	E
G	Aldehydes, flammable, toxic, n.o.s.	3	UN1988	II	3	IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B	
				III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	
				I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	E	40
				II	3, 6.1	IB2, T11, TP2, TP27	None	202	243	1 L	60 L	B	40
				III	3, 6.1	B1, IB3, T7, TP1, TP28	150	203	242	60 L	220 L	A	
		Aldol	6.1	UN2839	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	12
G	Alkali metal alcoholates, self-heating, corrosive, n.o.s.	4.2	UN3206	II	4.2, 8	64, IB5, IP2	None	212	242	15 kg	50 kg	B	
	Alkali metal alloys, liquid, n.o.s.	4.3	UN1421	III	4.2, 8	64, IB8, IP3	None	213	242	25 kg	100 kg	B	
				I	4.3	A2, A3, B48, N34	None	201	244	Forbidden	1 L	D	
	Alkali metal amalgam, liquid	4.3	UN1389	I	4.3	A2, A3, N34	None	201	244	Forbidden	1 L	D	40
	Alkali metal amalgam, solid	4.3	UN1389	I	4.3	IB4, IP1, N40	None	211	242	Forbidden	15 kg	D	
	Alkali metal amides	4.3	UN1390	II	4.3	A6, A7, A8, A19, A20, IB7, IP2	151	212	241	15 kg	50 kg	E	40
G	Alkali metal dispersions, or Alkaline earth metal dispersions.	4.3	UN1391	I	4.3	A2, A3	None	201	244	Forbidden	1 L	D	
	Alkaline corrosive liquids, n.o.s., see Caustic alkali liquids, n.o.s.												
	Alkaline earth metal alcoholates, n.o.s.	4.2	UN3205	II	4.2	65, IB6, IP2	None	212	241	15 kg	50 kg	B	
				III	4.2	65, IB8, IP3	None	213	241	25 kg	100 kg	B	

	Alkaline earth metal alloys, n.o.s..	4.3	UN1393	II	4.3	A19, IB7, IP2	151	212	241	15 kg	50 kg	E	
	Alkaline earth metal amalgams ..	4.3	UN1392	I	4.3	A19, IB4, IP1, N34, N40	None	211	242	Forbidden	15 kg	D	
G	Alkaloids, liquid, n.o.s., or Alkaloid salts, liquid, n.o.s..	6.1	UN3140	I	6.1	A4, T14, TP2, TP27	None	201	243	1 L	30 L	A	
				II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L	A	
G	Alkaloids, solid, n.o.s. or Alkaloid salts, solid, n.o.s. <i>poisonous</i> .	6.1	UN1544	III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	
				I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	
				II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	
	Alkyl sulfonic acids, liquid <i>with more than 5 percent free sulfuric acid</i> .	8	UN2584	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	
	Alkyl sulfonic acids, liquid <i>with more than 5 percent free sulfuric acid</i> .	8	UN2584	II	8	B2, IB2, T8, TP2, TP12, TP13	154	202	242	1 L	30 L	B	
	Alkyl sulfonic acids, liquid or Aryl sulfonic acids, liquid <i>with not more than 5 percent free sulfuric acid</i> .	8	UN2586	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	B	
	Alkyl sulfonic acids, solid or Aryl sulfonic acids, solid, <i>with more than 5 percent free sulfuric acid</i> .	8	UN2583	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	
	Alkyl sulfonic acids, solid or Aryl sulfonic acids, solid <i>with not more than 5 percent free sulfuric acid</i> .	8	UN2585	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	
	Alkylphenols, liquid, n.o.s. (<i>including C2-C12 homologues</i>).	8	UN3145	I	8	T14, TP2	None	201	243	0.5 L	2.5 L	B	
				II	8	IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	
				III	8	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	
	Alkylphenols, solid, n.o.s. (<i>including C2-C12 homologues</i>).	8	UN2430	I	8	IB7, IP1, T10, TP2, TP28	None	211	242	1 kg	25 kg	B	
				II	8	IB8, IP2, IP4, T3, TP2	154	212	240	15 kg	50 kg	B	
	Alkylsulfuric acids	8	UN2571	III	8	IB8, IP3, T3, TP1	154	213	240	25 kg	100 kg	A	
	<i>Allethrin</i> , see Pesticides, liquid, toxic, n.o.s..			II	8	B2, IB2, T8, TP2, TP12, TP13, TP28	154	202	242	1 L	30 L	C	14
	Allyl acetate	3	UN2333	II	3, 6.1	IB2, T7, TP1, TP13	None	202	243	1 L	60 L	E	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Allyl alcohol	6.1	UN1098	I	6.1, 3	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Allyl bromide	3	UN1099	I	3, 6.1	T14, TP2, TP13	None	201	243	Forbidden	30 L	B	40
	Allyl chloride	3	UN1100	I	3, 6.1	T14, TP2, TP13	None	201	243	Forbidden	30 L	E	40
	<i>Allyl chlorocarbonate, see Allyl chloroformate.</i>												
	Allyl chloroformate	6.1	UN1722	I	6.1, 3, 8.	2, A3, B9, B14, B32, B74, N41, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Allyl ethyl ether	3	UN2335	II	3, 6.1	IB2, T7, TP1, TP13	None	202	243	1 L	60 L	E	40
	Allyl formate	3	UN2336	I	3, 6.1	T14, TP2, TP13	None	201	243	Forbidden	30 L	E	40
	Allyl glycidyl ether	3	UN2219	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Allyl iodide	3	UN1723	II	3, 8	A3, A6, IB1, N34, T7, TP2, TP13	None	202	243	1 L	5 L	B	40
	Allyl isothiocyanate, stabilized ...	6.1	UN1545	II	6.1, 3	A3, A7, IB2, T7, TP2	None	202	243	Forbidden	60 L	D	40
	Allylamine	6.1	UN2334	I	6.1, 3	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Allyltrichlorosilane, stabilized	8	UN1724	II	8, 3	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	243	Forbidden	30 L	C	40
	Aluminum alkyl halides	4.2	UN3052	I	4.2, 4.3.	B9, B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	.....
	Aluminum alkyl hydrides	4.2	UN3076	I	4.2, 4.3.	B9, B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	.....
	Aluminum alkyls	4.2	UN3051	I	4.2, 4.3.	B9, B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	.....
	Aluminum borohydride or Alu- minum borohydride in devices.	4.2	UN2870	I	4.2, 4.3.	B11	None	181	244	Forbidden	Forbidden	D	.....
	Aluminum bromide, anhydrous ..	8	UN1725	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	40
	Aluminum bromide, solution	8	UN2580	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....

	Aluminum carbide	4.3	UN1394	II	4.3	A20, IB7, IP2, N41	151	212	242	15 kg	50 kg	A	.....
	Aluminum chloride, anhydrous ...	8	UN1726	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	40
	Aluminum chloride, solution	8	UN2581	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	<i>Aluminum dross, wet or hot</i>	Forbidden											
	Aluminum ferrosilicon powder	4.3	UN1395	II	4.3, 6.1.	A19, IB5, IP2	151	212	242	15 kg	50 kg	A	40, 85, 103
	.....			III	4.3, 6.1.	A19, A20, IB4	151	213	241	25 kg	100 kg	A	40, 85, 103
D	Aluminum hydride	4.3	UN2463	I	4.3	A19, N40	None	211	242	Forbidden	15 kg	E	.....
	Aluminum, molten	9	NA9260	III	9	IB3, T1, TP3	None	None	247	Forbidden	Forbidden	D	.....
	Aluminum nitrate	5.1	UN1438	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	<i>Aluminum phosphate solution, see Corrosive liquids, etc.</i>												
	Aluminum phosphide	4.3	UN1397	I	4.3, 6.1.	A8, A19, N40	None	211	242	Forbidden	15 kg	E	40, 85
	Aluminum phosphide pesticides	6.1	UN3048	I	6.1	A8, IB7, IP1	None	211	242	Forbidden	15 kg	E	40, 85
	Aluminum powder, coated	4.1	UN1309	II	4.1	IB8, IP2, IP4	151	212	240	15 kg	50 kg	A	13, 39, 101
	.....			III	4.1	IB8, IP3	151	213	240	25 kg	100 kg	A	13, 39, 101
	Aluminum powder, uncoated	4.3	UN1396	II	4.3	A19, A20, IB7, IP2	151	212	242	15 kg	50 kg	A	39
	.....			III	4.3	A19, A20, IB8, IP4	151	213	241	25 kg	100 kg	A	39
	Aluminum resinate	4.1	UN2715	III	4.1	IB6	151	213	240	25 kg	100 kg	A	.....
	Aluminum silicon powder, uncoated.	4.3	UN1398	III	4.3	A1, A19, IB8, IP4	151	213	241	25 kg	100 kg	A	40, 85, 103
	Aluminum smelting by-products or Aluminum remelting by-products.	4.3	UN3170	II	4.3	128, B115, IB7, IP2	None	212	242	15 kg	50 kg	B	85, 103
	.....			III	4.3	128, B115, IB8, IP4	None	213	241	25 kg	100 kg	B	85, 103
	<i>Amatols, see Explosives, blasting, type B.</i>												
G	Amines, flammable, corrosive, n.o.s. or Polyamines, flammable, corrosive, n.o.s..	3	UN2733	I	3, 8	T14, TP1, TP27	None	201	243	0.5 L	2.5 L	D	40
	.....			II	3, 8	IB2, T11, TP1, TP27	None	202	243	1 L	5 L	B	40
	.....			III	3, 8	B1, IB3, T7, TP1, TP28	150	203	242	5 L	60 L	A	40
G	Amines, liquid, corrosive, flammable, n.o.s. or Polyamines, liquid, corrosive, flammable, n.o.s..	8	UN2734	I	8, 3	A3, A6, N34, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	A
			II	8, 3	IB2, T11, TP2, TP27	None	202	243	1 L	30 L	A

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
G	Amines, liquid, corrosive, n.o.s. or Polyamines, liquid, corro- sive, n.o.s..	8	UN2735	I	8	A3, A6, B10, N34, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	A	
				II	8	B2, IB2, T11, TP1, TP27	154	202	242	1 L	30 L	A	
				III	8	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	
G	Amines, solid, corrosive, n.o.s., or Polyamines, solid, corrosive n.o.s..	8	UN3259	I	8	IB7, IP1	None	211	242	1 kg	25 kg	A	
				II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	
				III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	
	2-Amino-4-chlorophenol	6.1	UN2673	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	
	2-Amino-5-diethylaminopentane	6.1	UN2946	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	
	2-Amino-4,6-Dinitrophenol, wetted with not less than 20 percent water by mass.	4.1	UN3317	I	4.1	23, A8, A19, A20, N41	None	211	None	1 kg	15 kg	E	28, 36
	2-(2-Aminoethoxy) ethanol	8	UN3055	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	
	N-Aminoethylpiperazine	8	UN2815	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	12
	Aminophenols (o-; m-; p-)	6.1	UN2512	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	
	Aminopropylmethanolamine, see Amines, etc.												
n-Aminopropylmorpholine, see Amines, etc.													
Aminopyridines (o-; m-; p-)	6.1	UN2671	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	B	12, 40	
I	Ammonia, anhydrous	2.3	UN1005		2.3, 8	4, T50	None	304	314, 315.	Forbidden	25 kg	D	40, 57
D	Ammonia, anhydrous	2.2	UN1005		2.2	13, T50	None	304	314, 315.	Forbidden	25 kg	D	40, 57
D	Ammonia solution, relative density less than 0.880 at 15 degrees C in water, with more than 50 percent ammonia.	2.2	UN3318		2.2	13, T50	None	304	314, 315.	Forbidden	25 kg	D	40, 57
I	Ammonia solution, relative density less than 0.880 at 15 degrees C in water, with more than 50 percent ammonia.	2.3	UN3318		2.3, 8	4, T50	None	304	314, 315.	Forbidden	25 kg	D	40, 57

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	Ammonia solutions, <i>relative density between 0.880 and 0.957 at 15 degrees C in water, with more than 10 percent but not more than 35 percent Ammonia.</i>	8	UN2672	III	8	IB3, IP8, T7, TP1	154	203	241	5 L	60 L	A	40, 85
	Ammonia solutions, <i>relative density less than 0.880 at 15 degrees C in water, with more than 35 percent but not more than 50 percent ammonia.</i>	2.2	UN2073		2.2		306	304	314, 315.	Forbidden	150 kg	E	40, 57
	Ammonium arsenate	6.1	UN1546	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	
	Ammonium azide	Forbidden											
	Ammonium bifluoride, solid, see Ammonium hydrogen difluoride, solid.												
	Ammonium bifluoride solution, see Ammonium hydrogen difluoride, solution.												
	Ammonium bromate	Forbidden											
	Ammonium chlorate	Forbidden											
	Ammonium dichromate	5.1	UN1439	II	5.1	IB8, IP2, IP4	152	212	242	5 kg	25 kg	A	
	Ammonium dinitro-o-cresolate	6.1	UN1843	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	B	36, 65, 66, 77
	Ammonium fluoride	6.1	UN2505	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	26
	Ammonium fluorosilicate	6.1	UN2854	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	26
	Ammonium fulminate	Forbidden											
	Ammonium hydrogen sulfate	8	UN2506	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	40
	Ammonium hydrogendifluoride, solid.	8	UN1727	II	8	IB8, IP2, IP4, N34	154	212	240	15 kg	50 kg	A	25, 26, 40
	Ammonium hydrogendifluoride, solution.	8	UN2817	II	8, 6.1	IB2, N34, T8, TP2, TP12, TP13	None	202	243	1 L	30 L	B	40
				III	8, 6.1	IB3, T4, TP1, TP12, TP13	154	203	241	5 L	60 L	B	40, 95
	Ammonium hydrosulfide, solution, see Ammonium sulfide solution.												
D	Ammonium hydroxide, see Ammonia solutions, etc.												
	Ammonium metavanadate	6.1	UN2859	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	
	Ammonium nitrate based fertilizer.	5.1	UN2067	III	5.1	52, 150, IB8, IP3	152	213	240	25 kg	100 kg	B	48, 59, 60, 117
AW	Ammonium nitrate based fertilizer.	9	UN2071	III	9	132, IB8	155	213	240	200 kg	200 kg	A	
	Ammonium nitrate emulsion or Ammonium nitrate suspension or Ammonium nitrate gel, intermediate for blasting explosives.	5.1	UN3375	II	5.1	52, 147	None	214	214	Forbidden	Forbidden	D	48, 59, 60, 124

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
D	Ammonium nitrate-fuel oil mixture containing only prilled ammonium nitrate and fuel oil.	1.5D	NA0331	II	1.5D ..		None	62	None	Forbidden	Forbidden	10	19E
	Ammonium nitrate, liquid (hot concentrated solution).	5.1	UN2426	.....	5.1	B5, T7	None	None	243	Forbidden	Forbidden	D	59, 60
	Ammonium nitrate, with more than 0.2 percent combustible substances, including any organic substance calculated as carbon, to the exclusion of any other added substance.	1.1D	UN0222	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	19E
	Ammonium nitrate, with not more than 0.2% total combustible material, including any organic substance, calculated as carbon to the exclusion of any other added substance.	5.1	UN1942	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	48, 59, 60, 116
	Ammonium nitrite	Forbidden											
	Ammonium perchlorate	1.1D	UN0402	II	1.1D ..	107	None	62	None	Forbidden	Forbidden	10	19E
	Ammonium perchlorate	5.1	UN1442	II	5.1	107, A9, IB6, IP2	152	212	242	5 kg	25 kg	E	58, 69, 106
	Ammonium permanganate	Forbidden											
	Ammonium persulfate	5.1	UN1444	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	
	Ammonium picrate, dry or wetted with less than 10 percent water, by mass.	1.1D	UN0004	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	5E, 19E
	Ammonium picrate, wetted with not less than 10 percent water, by mass.	4.1	UN1310	I	4.1	23, A2, N41	None	211	None	0.5 kg	0.5 kg	D	28, 36
	Ammonium polysulfide, solution	8	UN2818	II	8, 6.1	IB2, T7, TP2, TP13	None	202	243	1 L	30 L	B	12, 26, 40
	.....			III	8, 6.1	IB3, T4, TP1, TP13	154	203	241	5 L	60 L	B	12, 26, 40
Ammonium polyvanadate	6.1	UN2861	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A		
Ammonium silicofluoride, see Ammonium fluorosilicate.													
Ammonium sulfide solution	8	UN2683	II	8, 6.1, 3.	IB1, T7, TP2, TP13	None	202	243	1 L	30 L	B	12, 22, 26, 100	

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<i>Ammunition, blank, see Cartridges for weapons, blank.</i>									
<i>Ammunition, illuminating with or without burster, expelling charge or propelling charge.</i>	1.2G	UN0171	II	1.2G	62	None	Forbidden	Forbidden	03
<i>Ammunition, illuminating with or without burster, expelling charge or propelling charge.</i>	1.3G	UN0254	II	1.3G ..	.....	62	.....	None	....	Forbidden	Forbidden	03	.....
<i>Ammunition, illuminating with or without burster, expelling charge or propelling charge.</i>	1.4G	UN0297	II	1.4G ..	.....	62	.....	None	....	Forbidden	75 kg	02	.....
<i>Ammunition, incendiary liquid or gel, with burster, expelling charge or propelling charge.</i>	1.3J	UN0247	II	1.3J ...	.....	62	.....	None	....	Forbidden	Forbidden	04	23E
<i>Ammunition, incendiary (water-activated contrivances) with burster, expelling charge or propelling charge, see Contrivances, water-activated, etc..</i>	.....			.....					
<i>Ammunition, incendiary, white phosphorus, with burster, expelling charge or propelling charge.</i>	1.2H	UN0243	II	1.2H ..	.....	62	.....	None	....	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
<i>Ammunition, incendiary, white phosphorus, with burster, expelling charge or propelling charge.</i>	1.3H	UN0244	II	1.3H ..	.....	62	.....	None	....	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
<i>Ammunition, incendiary with or without burster, expelling charge, or propelling charge.</i>	1.2G	UN0009	II	1.2G ..	.....	62	.....	None	....	Forbidden	Forbidden	03	.....
<i>Ammunition, incendiary with or without burster, expelling charge, or propelling charge.</i>	1.3G	UN0010	II	1.3G ..	.....	62	.....	None	....	Forbidden	Forbidden	03	.....
<i>Ammunition, incendiary with or without burster, expelling charge or propelling charge.</i>	1.4G	UN0300	II	1.4G ..	.....	62	.....	None	....	Forbidden	75 kg	02	.....
<i>Ammunition, practice</i>	1.4G	UN0362	II	1.4G ..	.....	62	.....	None	....	Forbidden	75 kg	02	.....
<i>Ammunition, practice</i>	1.3G	UN0488	II	1.3G ..	.....	62	.....	None	....	Forbidden	Forbidden	03	.....
<i>Ammunition, proof</i>	1.4G	UN0363	II	1.4G ..	.....	62	.....	None	....	Forbidden	75 kg	02	.....
<i>Ammunition, rocket, see Warheads, rocket etc.</i>	.....			.....					
<i>Ammunition, SA (small arms), see Cartridges for weapons, etc.</i>	.....			.....					

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	<i>Ammunition, smoke (water-acti- vated contrivances), white phosphorus, with burster, ex- pelling charge or propelling charge, see Contrivances, water-activated, etc. (UN 0248).</i>	.....			.....		.....	.....	.....	.....	.....		.....
	<i>Ammunition, smoke (water-acti- vated contrivances), without white phosphorus or phosphides, with burster, ex- pelling charge or propelling charge, see Contrivances, water-activated, etc. (UN 0249).</i>	.....			.....		.....	.....	.....	.....	.....		.....
	<i>Ammunition smoke, white phos- phorus with burster,expelling charge, or propelling charge.</i>	1.2H	UN0245	II	1.2H ..		.....	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
	<i>Ammunition, smoke, white phos- phorus with burster, expelling charge, or propelling charge.</i>	1.3H	UN0246	II	1.3H ..		.....	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
	<i>Ammunition, smoke with or with- out burster, expelling charge or propelling charge.</i>	1.2G	UN0015	II	1.2G ..		.....	62	None	Forbidden	Forbidden		8E, 17E, 20E
	<i>Ammunition, smoke with or with- out burster, expelling charge or propelling charge.</i>	1.3G	UN0016	II	1.3G ..		.....	62	None	Forbidden	Forbidden		8E, 17E, 20E
	<i>Ammunition, smoke with or with burster, expelling charge or propelling charge.</i>	1.4G	UN0303	II	1.4G ..	.....	.....	62	None	Forbidden	75 kg		7E, 8E, 14E, 15E, 17E
	<i>Ammunition, sporting, see Car- tridges for weapons, etc. (UN 0012; UN 0328; UN 0339).</i>	.....			.....		.....	.....	.....	.....	.....		.....
	<i>Ammunition, tear-producing, non-explosive, without burster or expelling charge, non-fuzed.</i>	6.1	UN2017	II	6.1, 8		None	212	None	Forbidden	50 kg	E	13, 40

	Ammunition, tear-producing with burster, expelling charge or propelling charge.	1.2G	UN0018	II	1.2G, 8, 6.1.	.....	62	.....	None	....	Forbidden	Forbidden		8E, 17E, 20E
	Ammunition, tear-producing with burster, expelling charge or propelling charge.	1.3G	UN0019	II	1.3G, 8, 6.1.	.....	62	.....	None	....	Forbidden	Forbidden		8E, 17E, 20E
	Ammunition, tear-producing with burster, expelling charge or propelling charge.	1.4G	UN0301	II	1.4G, 8, 6.1.	.....	62	.....	None	....	Forbidden	75 kg		7E, 8E, 14E, 15E, 17E
	Ammunition, toxic, non-explosive, without burster or expelling charge, non-fuzed.	6.1	UN2016	II	6.1	.....	212	.....	None	....	Forbidden	100 kg	E	13, 40
	Ammunition, toxic (water-activated contrivances), with burster, expelling charge or propelling charge, see Contrivances, water-activated, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
G	Ammunition, toxic with burster, expelling charge, or propelling charge.	1.2K	UN0020	II	1.2K, 6.1.	.....	62	.....	None	....	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
G	Ammunition, toxic with burster, expelling charge, or propelling charge.	1.3K	UN0021	II	1.3K, 6.1.	.....	62	.....	None	....	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
	Amyl acetates	3	UN1104	III	3	B1, IB3, T2, TP1	150	203	242	.....	60 L	220 L	A	.....
	Amyl acid phosphate	8	UN2819	III	8	IB3, T4, TP1	154	203	241	.....	5 L	60 L	A	.....
	Amyl butyrates	3	UN2620	III	3	B1, IB3, T2, TP1	150	203	242	.....	60 L	220 L	A	.....
	Amyl chlorides	3	UN1107	II	3	IB2, T4, TP1	150	202	242	.....	5 L	60 L	B	.....
	Amyl formates	3	UN1109	III	3	B1, IB3, T2, TP1	150	203	242	.....	60 L	220 L	A	.....
	Amyl mercaptans	3	UN1111	II	3	A3, IB2, T4, TP1	None	202	242	.....	5 L	60 L	B	95, 102
	n-Amyl methyl ketone	3	UN1110	III	3	B1, IB3, T2, TP1	150	203	242	.....	60 L	220 L	A	.....
	Amyl nitrate	3	UN1112	III	3	B1, IB3, T2, TP1	150	203	242	.....	60 L	220 L	A	40
	Amyl nitrites	3	UN1113	II	3	IB2, T4, TP1	150	202	242	.....	5 L	60 L	E	40
	Amylamines	3	UN1106	II	3, 8	IB2, T7, TP1	None	202	243	.....	1 L	5 L	B	.....
	Amyltrichlorosilane	8	UN1728	III	3, 8	B1, IB3, T4, TP1	150	203	242	.....	5 L	60 L	A	.....
				II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	.....	Forbidden	30 L	C	40
	Anhydrous ammonia, see Ammonia, anhydrous.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Anhydrous hydrofluoric acid, see Hydrogen fluoride, anhydrous.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
+	Aniline	6.1	UN1547	II	6.1	IB2, T7, TP2	None	202	243	.....	5 L	60 L	A	40
	Aniline hydrochloride	6.1	UN1548	III	6.1	IB8, IP3	153	213	240	.....	100 kg	200 kg	A	.....
	Aniline oil, see Aniline	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Anisidines	6.1	UN2431	III	6.1	IB3, T4, TP1	153	203	241	.....	60 L	220 L	A	.....
	Anisole	3	UN2222	III	3	B1, IB3, T2, TP1	150	203	242	.....	60 L	220 L	A	.....
	Anisoyl chloride	8	UN1729	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	C	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

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							(8A)	(8B)	(8C)				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	<i>Anti-freeze, liquid, see</i> Flammable liquids, n.o.s..												
	<i>Antimonous chloride, see</i> Antimony trichloride.												
	Antimony compounds, inorganic, liquid, n.o.s..	6.1	UN3141	III	6.1	35, IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	
	Antimony compounds, inorganic, solid, n.o.s..	6.1	UN1549	III	6.1	35, IB8, IP3	153	213	240	100 kg	200 kg	A	
	Antimony lactate	6.1	UN1550	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	
	Antimony pentachloride, liquid	8	UN1730	II	8	B2, IB2, T7, TP2	None	202	242	1 L	30 L	C	40
	Antimony pentachloride, solutions.	8	UN1731	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	C	40
	Antimony pentafluoride	8	UN1732	III II	8 8, 6.1	IB3, T4, TP1 A3, A6, A7, A10, IB2, N3, T7, TP2	154 None	203 202	241 243	5 L Forbidden	60 L 30 L	C D	40 40
	Antimony potassium tartrate	6.1	UN1551	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	
	Antimony powder	6.1	UN2871	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	
	<i>Antimony sulfide and a chlorate, mixtures of.</i>	Forbidden											
	<i>Antimony sulfide, solid, see</i> Antimony compounds, inorganic, n.o.s..												
	Antimony trichloride, liquid	8	UN1733	II	8	B2, IB2	154	202	242	1 L	30 L	C	40
	Antimony trichloride, solid	8	UN1733	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	40
	<i>Aqua ammonia, see</i> Ammonia solution, etc.												
	Argon, compressed	2.2	UN1006		2.2		306	302	314, 315.	75 kg	150 kg	A	
	Argon, refrigerated liquid (<i>cryogenic liquid</i>).	2.2	UN1951		2.2	T75, TP5	320	316	318	50 kg	500 kg	B	
	Arsenic	6.1	UN1558	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	
	Arsenic acid, liquid	6.1	UN1553	I	6.1	T20, TP2, TP7, TP13	None	201	243	1 L	30 L	B	46
	Arsenic acid, solid	6.1	UN1554	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	
	Arsenic bromide	6.1	UN1555	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	12, 40
	<i>Arsenic chloride, see</i> Arsenic trichloride.												

Arsenic compounds, liquid, n.o.s. inorganic, including arsenates, n.o.s.; arsenites, n.o.s.; arsenic sulfides, n.o.s.; and organic compounds of arsenic, n.o.s.	6.1	UN1556	I	6.1	.....	T14, TP2, TP9, TP13, TP27	None	.....	201	.....	243	.....	1 L	30 L	B	40
			II	6.1	.....	IB2, T11, TP2, TP13, TP27	None	.....	202	.....	243	.....	5 L	60 L	B	40
			III	6.1	.....	IB3, T7, TP2, TP28	153	.....	203	.....	241	.....	60 L	220 L	B	40
Arsenic compounds, solid, n.o.s. inorganic, including arsenates, n.o.s.; arsenites, n.o.s.; arsenic sulfides, n.o.s.; and organic compounds of arsenic, n.o.s.	6.1	UN1557	I	6.1	.....	IB7, IP1	None	.....	211	.....	242	.....	5 kg	50 kg	A	.....
			II	6.1	.....	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	.....
			III	6.1	.....	IB8, IP3	153	.....	213	.....	240	.....	100 kg	200 kg	A	.....
Arsenic pentoxide	6.1	UN1559	II	6.1	.....	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	.....
Arsenic sulfide and a chlorate, mixtures of.	Forbidden															
Arsenic trichloride	6.1	UN1560	I	6.1	.....	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	.....	227	.....	244	.....	Forbidden	Forbidden	B	40
Arsenic trioxide	6.1	UN1561	II	6.1	.....	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	.....
Arsenic, white, solid, see Arsenic trioxide.																
Arsenical dust	6.1	UN1562	II	6.1	.....	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	.....
Arsenical pesticides, liquid, flammable, toxic, flash point less than 23 degrees C.	3	UN2760	I	3, 6.1	.....	T14, TP2, TP13, TP27	None	.....	201	.....	243	.....	Forbidden	30 L	B	40
			II	3, 6.1	.....	IB2, T11, TP2, TP13, TP27	None	.....	202	.....	243	.....	1 L	60 L	B	40
Arsenical pesticides, liquid, toxic	6.1	UN2994	I	6.1	.....	T14, TP2, TP13, TP27	None	.....	201	.....	243	.....	1 L	30 L	B	40
			II	6.1	.....	IB2, T11, TP2, TP13, TP27	None	.....	202	.....	243	.....	5 L	60 L	B	40
			III	6.1	.....	IB3, T7, TP2, TP28	153	.....	203	.....	241	.....	60 L	220 L	A	40
Arsenical pesticides, liquid, toxic, flammable flash point not less than 23 degrees C.	6.1	UN2993	I	6.1, 3	.....	T14, TP2, TP13, TP27	None	.....	201	.....	243	.....	1 L	30 L	B	40
			II	6.1, 3	.....	IB2, T11, TP2, TP13, TP27	None	.....	202	.....	243	.....	5 L	60 L	B	40
			III	6.1, 3	.....	B1, IB3, T7, TP2, TP28	153	.....	203	.....	242	.....	60 L	220 L	A	40
Arsenical pesticides, solid, toxic	6.1	UN2759	I	6.1	.....	IB7, IP1	None	.....	211	.....	242	.....	5 kg	50 kg	A	40
			II	6.1	.....	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	40
			III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

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							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	<i>Arsenious acid, solid, see Ar- senic trioxide.</i>	.....			.....				
	<i>Arsenious and mercuric iodide solution, see Arsenic com- pounds, liquid, n.o.s..</i>	.....			.....				
	Arsine	2.3	UN2188	.....	2.3, 2.1.	1	None	192	245	Forbidden	Forbidden	D	40
	Articles, explosive, extremely in- sensitive or Articles, EEI.	1.6N	UN0486	II	1.6N ..	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.4S	UN0349	II	1.4S ...	101	None	62	None	25 kg	100 kg	05	.....
G	Articles, explosive, n.o.s.	1.4B	UN0350	II	1.4B ...	101	None	62	None	Forbidden	Forbidden	06	.....
G	Articles, explosive, n.o.s.	1.4C	UN0351	II	1.4C ...	101	None	62	None	Forbidden	75 kg	06	.....
G	Articles, explosive, n.o.s.	1.4D	UN0352	II	1.4D ..	101	None	62	None	Forbidden	75 kg	06	.....
G	Articles, explosive, n.o.s.	1.4G	UN0353	II	1.4G ..	101	None	62	None	Forbidden	75 kg	06	.....
G	Articles, explosive, n.o.s.	1.1L	UN0354	II	1.1L ...	101	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
G	Articles, explosive, n.o.s.	1.2L	UN0355	II	1.2L ...	101	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
G	Articles, explosive, n.o.s.	1.3L	UN0356	II	1.3L ...	101	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
G	Articles, explosive, n.o.s.	1.1C	UN0462	II	1.1C ..	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.1D	UN0463	II	1.1D ..	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.1E	UN0464	II	1.1E ...	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.1F	UN0465	II	1.1F ...	101	None	62	None	Forbidden	Forbidden	08	.....
G	Articles, explosive, n.o.s.	1.2C	UN0466	II	1.2C ...	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.2D	UN0467	II	1.2D ..	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.2E	UN0468	II	1.2E ...	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.2F	UN0469	II	1.2F ...	101	None	62	None	Forbidden	Forbidden	08	.....
G	Articles, explosive, n.o.s.	1.3C	UN0470	II	1.3C ...	101	None	62	None	Forbidden	Forbidden	07	.....
G	Articles, explosive, n.o.s.	1.4E	UN0471	II	1.4E ...	101	None	62	None	Forbidden	75 kg	06	.....
G	Articles, explosive, n.o.s.	1.4F	UN0472	II	1.4F ...	101	None	62	None	Forbidden	Forbidden	08	.....

	Articles, pressurized pneumatic or hydraulic containing non-flammable gas.	2.2	UN3164	.....	2.2		306	302, 304.	None	No limit	No limit	A	.....
	Articles, pyrophoric	1.2L	UN0380	II	1.2L ...		None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
	Articles, pyrotechnic for technical purposes.	1.1G	UN0428	II	1.1G ..		None	62	None	Forbidden	Forbidden	07	.....
	Articles, pyrotechnic for technical purposes.	1.2G	UN0429	II	1.2G ..		None	62	None	Forbidden	Forbidden	07	.....
	Articles, pyrotechnic for technical purposes.	1.3G	UN0430	II	1.3G ..		None	62	None	Forbidden	Forbidden	07	.....
	Articles, pyrotechnic for technical purposes.	1.4G	UN0431	II	1.4G ..		None	62	None	Forbidden	75 kg	06	.....
	Articles, pyrotechnic for technical purposes.	1.4S	UN0432	II	1.4S ...		None	62	None	25 kg	100 kg	05	.....
D	Asbestos	9	NA2212	III	9	156, IB8, IP2, IP4	155	216	240	200 kg	200 kg	A	34, 40
	Ascaridole (organic peroxide)	Forbidden											
D	Asphalt, at or above its flash point.	3	NA1999	III	3	IB3, T1, TP3	150	203	247	Forbidden	Forbidden	D	
D	Asphalt, cut back, see Tars, liquid, etc.												
	Automobile, motorcycle, tractor, other self-propelled vehicle, engine, or other mechanical apparatus, see Vehicles or Battery etc.												
A G	Aviation regulated liquid, n.o.s. ...	9	UN3334	.....	9	A35	155	204 .....	.....	No limit	No limit	A	.....
A G	Aviation regulated solid, n.o.s. ...	9	UN3335	.....	9	A35	155	204 .....	.....	No limit	No limit	A	.....
	Azaurolic acid (salt of) (dry)	Forbidden											
	Azido guanidine picrate (dry)	Forbidden											
	5-Azido-1-hydroxy tetrazole	Forbidden											
	Azido hydroxy tetrazole (mercury and silver salts).	Forbidden											
	3-Azido-1,2-Propylene glycol dinitrate.	Forbidden											
	Azidodithiocarbonic acid	Forbidden											
	Azidoethyl nitrate	Forbidden											
	1-Aziridinylphosphine oxide-(tris), see Tris-(1-aziridinyl) phosphine oxide, solution.												
	Azodicarbonamide	4.1	UN3242	II	4.1	38, IB8	151	212	240	Forbidden	Forbidden	D	12, 61, 74
	Azotetrazole (dry)	Forbidden											
	Barium	4.3	UN1400	II	4.3	A19, IB7, IP2	151	212	241	15 kg	50 kg	E	.....
	Barium alloys, pyrophoric	4.2	UN1854	I	4.2		None	181	None	Forbidden	Forbidden	D	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Barium azide, <i>dry or wetted with less than 50 percent water, by mass.</i>	1.1A	UN0224	II	1.1A, 6.1.	111, 117	None	62	None	Forbidden	Forbidden	12	.....
	Barium azide, <i>wetted with not less than 50 percent water, by mass.</i>	4.1	UN1571	I	4.1, 6.1.	162, A2	None	182	None	Forbidden	0.5 kg	D	28
	Barium bromate	5.1	UN2719	II	5.1, 6.1.	IB8, IP2, IP4	None	212	242	5 kg	25 kg	A	56, 58, 106
	Barium chlorate	5.1	UN1445	II	5.1, 6.1.	A9, IB6, IP2, N34, T4, TP1	None	212	242	5 kg	25 kg	A	56, 58, 106
	Barium compounds, n.o.s.	6.1	UN1564	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Barium cyanide	6.1	UN1565	I	6.1	IB7, IP1, N74, N75	None	211	242	5 kg	50 kg	A	26, 40
	Barium hypochlorite <i>with more than 22 percent available chlorine.</i>	5.1	UN2741	II	5.1, 6.1.	A7, A9, IB8, IP2, IP4, N34	152	212	None	5 kg	25 kg	B	56, 58, 106
	Barium nitrate	5.1	UN1446	II	5.1, 6.1.	IB8, IP2, IP4	None	212	242	5 kg	25 kg	A	.....
	Barium oxide	6.1	UN1884	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Barium perchlorate	5.1	UN1447	II	5.1, 6.1.	IB6, IP2, T4, TP1	None	212	242	5 kg	25 kg	A	56, 58, 106
	Barium permanganate	5.1	UN1448	II	5.1, 6.1.	IB6, IP2	None	212	242	5 kg	25 kg	D	56, 58, 69, 106, 107
	Barium peroxide	5.1	UN1449	II	5.1, 6.1.	IB6, IP2	None	212	242	5 kg	25 kg	A	13, 75, 106
	<i>Barium selenate, see Selenates or Selenites.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Barium selenite, see Selenates or Selenites.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Batteries, containing sodium	4.3	UN3292	II	4.3 .....	.....	189	189	189	Forbidden	No limit	A	.....
	Batteries, dry, containing potas- sium hydroxide solid, <i>electric storage.</i>	8	UN3028	III	8 .....	.....	None	213	None	25 kg gross	230 kg gross	A	.....
	Batteries, wet, filled with acid, <i>electric storage.</i>	8	UN2794	III	8 .....	.....	159	159	159	30 kg gross	No limit	A	.....

Batteries, wet, non-spillable, electric storage.	8	UN2800	III	8	.....	159	.....	159	.....	159	.....	No Limit	No Limit	A	.....
Batteries, dry, not subject to the requirements of this subchapter.	.....	.....	.....	.....	.....	130	.....	.....	.....	.....	.....	.....	.....	.....	.....
Batteries, wet, filled with alkali, electric storage.	8	UN2795	III	8	.....	159	.....	159	.....	159	.....	30 kg gross	No limit	A	.....
Battery fluid, acid	8	UN2796	II	8	.....	A3, A7, B2, B15, IB2, N6, N34, T8, TP2, TP12	154	.....	202	.....	242	.....	1 L	30 L	B	.....
Battery fluid, alkali	8	UN2797	II	8	.....	B2, IB2, N6, T7, TP2, TP28	154	.....	202	.....	242	.....	1 L	30 L	A	26
Battery lithium type, see Lithium batteries etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Battery-powered vehicle or Battery-powered equipment.	9	UN3171	.....	9	.....	134	220	.....	220	.....	None	.....	No limit	No limit	.....	.....
Battery, wet, filled with acid or alkali with vehicle or mechanical equipment containing an internal combustion engine, see Vehicle, etc. or Engines, internal combustion, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Benzaldehyde	9	UN1990	III	9	.....	IB3, T2, TP1	155	.....	203	.....	241	.....	100 L	220 L	A	.....
Benzene	3	UN1114	II	3	.....	IB2, T4, TP1	150	.....	202	.....	242	.....	5 L	60 L	B	40
Benzene diazonium chloride (dry).	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Benzene diazonium nitrate (dry)	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Benzene phosphorus dichloride, see Phenyl phosphorus dichloride.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Benzene phosphorus thiodichloride, see Phenyl phosphorus thiodichloride.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Benzene sulfonyl chloride	8	UN2225	III	8	.....	IB3, T4, TP1	154	.....	203	.....	241	.....	5 L	60 L	A	40
Benzene triozonide	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Benzenethiol, see Phenyl mercaptan.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Benzidine	6.1	UN1885	II	6.1	.....	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	.....
Benzol, see Benzene	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Benzonitrile	6.1	UN2224	II	6.1	.....	IB2, T7, TP2	None	.....	202	.....	243	.....	5 L	60 L	A	26, 40
Benzoquinone	6.1	UN2587	II	6.1	.....	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	.....
Benzotrichloride	8	UN2226	II	8	.....	B2, IB2, T7, TP2	154	.....	202	.....	242	.....	1 L	30 L	A	40
Benzotrifluoride	3	UN2338	II	3	.....	IB2, T4, TP1	150	.....	202	.....	242	.....	5 L	60 L	B	40
Benzoxidiazoles (dry)	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Benzoyl azide	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Benzoyl chloride	8	UN1736	II	8	.....	B2, IB2, T8, TP2, TP12, TP13	154	.....	202	.....	242	.....	1 L	30 L	C	40
Benzyl bromide	6.1	UN1737	II	6.1, 8	A3, A7, IB2, N33, N34, T8, TP2, TP12, TP13	None	202	243	1 L	30 L	D	13, 40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

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Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Benzyl chloride	6.1	UN1738	II	6.1, 8	A3, A7, B70, IB2, N33, N42, T8, TP2, TP12, TP13	None	202	243	1 L	30 L	D	13, 40
	Benzyl chloride <i>unstabilized</i>	6.1	UN1738	II	6.1, 8	A3, A7, B8, B11, IB2, N33, N34, N43, T8, TP2, TP12, TP13	None	202	243	1 L	30 L	D	13, 40
	Benzyl chloroformate	8	UN1739	I	8	A3, A6, B4, N41, T10, TP2, TP12, TP13	None	201	243	Forbidden	2.5 L	D	40
	Benzyl iodide	6.1	UN2653	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	B	12, 40
	Benzyl dimethylamine	8	UN2619	II	8, 3	B2, IB2, T7, TP2	154	202	243	1 L	30 L	A	40, 48
	Benzylidene chloride	6.1	UN1886	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	D	40
	Beryllium compounds, n.o.s.	6.1	UN1566	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Beryllium nitrate	5.1	UN2464	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Beryllium, powder	6.1	UN1567	II	5.1, 6.1, 4.1	IB8, IP2, IP4	None	212	242	5 kg	25 kg	A	.....
	Bicyclo [2,2,1] hepta-2,5-diene, stabilized or 2,5-Norbornadiene, stabilized.	3	UN2251	II	3	IB2, T7, TP2	150	202	242	5 L	60 L	D	.....
	<i>Biphenyl triozonide</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Bipyridilium pesticides, liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	3	UN2782	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	E	.....
	.....	.....	.....	II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	Bipyridilium pesticides, liquid, toxic.	6.1	UN3016	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....	.....	.....	III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	Bipyridilium pesticides, liquid, toxic, flammable, <i>flash point not less than 23 degrees C.</i>	6.1	UN3015	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	21, 40
	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	21, 40

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§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Bombs with flammable liquid, <i>with bursting charge.</i>	1.2J	UN0400	II	1.2J ...		.....	62	None	Forbidden	Forbidden	04	23E
	Boosters with detonator	1.1B	UN0225	II	1.1B ...		None	62	None	Forbidden	Forbidden	11	.....
	Boosters with detonator	1.2B	UN0268	II	1.2B ...		None	62	None	Forbidden	Forbidden	07	.....
	Boosters, <i>without detonator</i>	1.1D	UN0042	II	1.1D ..		None	62	None	Forbidden	Forbidden	07	.....
	Boosters, <i>without detonator</i>	1.2D	UN0283	II	1.2D ..		None	62	None	Forbidden	Forbidden	07	.....
	<i>Borate and chlorate mixtures, see Chlorate and borate mix- tures.</i>	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
+	Borneol	4.1	UN1312	III	4.1	A1, IB8, IP3	None	213	240	25 kg	100 kg	A	.....
	Boron tribromide	8	UN2692	I	8, 6.1	2, A3, A7, B9, B14, B32, B74, N34, T20, TP2, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	C	12
	Boron trichloride	2.3	UN1741	.....	2.3, 8	3, B9, B14	None	304	314	Forbidden	Forbidden	D	25, 40
	Boron trifluoride	2.3	UN1008	.....	2.3	2, B9, B14	None	302	314, 315.	Forbidden	Forbidden	D	40
	Boron trifluoride acetic acid complex.	8	UN1742	II	8	B2, B6, IB2, T8, TP2, TP12	154	202	242	1 L	30 L	A	.....
	Boron trifluoride diethyl etherate	8	UN2604	I	8, 3	A19, T10, TP2	None	201	243	0.5 L	2.5 L	D	40
	Boron trifluoride dihydrate	8	UN2851	II	8	IB8, IP2, IP4, T7, TP2	154	212	240	15 kg	50 kg	B	12, 40,
	Boron trifluoride dimethyl etherate.	4.3	UN2965	I	4.3, 8, 3.	A19, T10, TP2, TP7	None	201	243	Forbidden	1 L	D	21, 28, 40, 49, 100
	Boron trifluoride propionic acid complex.	8	UN1743	II	8	B2, IB2, T8, TP2, TP12	154	202	242	1 L	30 L	A	.....
	<i>Box toe gum, see Nitrocellulose etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Bromates, inorganic, aqueous solution, n.o.s..	5.1	UN3213	II	5.1	IB2, T4, TP1	152	202	242	1 L	5 L	B	56, 58, 106
	Bromates, inorganic, n.o.s.	5.1	UN1450	II	5.1	IB8, IP2, IP4	152	212	242	5 kg	25 kg	A	56, 58, 106
	<i>Bromine azide</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

+	Bromine or Bromine solutions	8	UN1744	I	8, 6.1	1, A3, A6, B9, B64, B85, N34, N43, T22, TP2, TP10, TP12, TP13	None	226	249	Forbidden	Forbidden		12, 40, 66, 74, 89, 90
	Bromine chloride	2.3	UN2901		2.3, 8, 5.1.	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	40, 89, 90
+	Bromine pentafluoride	5.1	UN1745	I	5.1, 6.1, 8.	1, B9, B14, B30, B72, T22, TP2, TP12, TP13, TP38, TP44	None	228	244	Forbidden	Forbidden	D	25, 40, 66, 90
+	Bromine trifluoride	5.1	UN1746	I	5.1, 6.1, 8.	2, B9, B14, B32, B74, T22, TP2, TP12, TP13, TP38, TP45	None	228	244	Forbidden	Forbidden	D	25, 40, 66, 90
	4-Bromo-1,2-dinitrobenzene	Forbidden											
	4-Bromo-1,2-dinitrobenzene (unstable at 59 degrees C.).	Forbidden											
	1-Bromo-3-chloropropane	6.1	UN2688	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	
	1-Bromo-3-methylbutane	3	UN2341	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	1-Bromo-3-nitrobenzene (unstable at 56 degrees C).	Forbidden											
	2-Bromo-2-nitropropane-1,3-diol	4.1	UN3241	III	4.1	46, IB8, IP3	151	213	None	25 kg	50 kg	C	12, 25, 40
	Bromoacetic acid, solid	8	UN1938	II	8	A7, IB8, IP2, IP4, N34, T7	154	212	240	15 kg	50 kg	A	
	Bromoacetic acid, solution	8	UN1938	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	40
+	Bromoacetone	6.1	UN1569	II	6.1, 3	2, T20, TP2, TP13	None	193	245	Forbidden	Forbidden	D	40
	Bromoacetyl bromide	8	UN2513	II	8	B2, IB2, T8, TP2, TP12	154	202	242	1 L	30 L	C	40
	Bromobenzene	3	UN2514	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Bromobenzyl cyanides, liquid	6.1	UN1694	I	6.1	T14, TP2, TP13	None	201	243	Forbidden	30 L	D	12, 40
	Bromobenzyl cyanides, solid	6.1	UN1694	I	6.1	T14, TP2, TP13	None	211	242	Forbidden	50 kg	D	12, 40
	1-Bromobutane	3	UN1126	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	2-Bromobutane	3	UN2339	II	3	B1, IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	Bromochloromethane	6.1	UN1887	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	
	2-Bromoethyl ethyl ether	3	UN2340	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	Bromoform	6.1	UN2515	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	12, 40
	Bromomethylpropanes	3	UN2342	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	2-Bromopentane	3	UN2343	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Bromopropanes	3	UN2344	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	3-Bromopropyne	3	UN2345	III	3	IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Bromotrifluoroethylene	2.1	UN2419	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	D	40
	Bromosilane	Forbidden											
	Bromotoluene-alpha, see Benzyl bromide.												
	Bromotrifluoroethylene	2.1	UN2419		2.1		None	304	314, 315.	Forbidden	150 kg	B	40

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Bromotrifluoromethane or Refrig- erant gas, R 13B1..	2.2	UN1009	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Brucine	6.1	UN1570	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	.....
	Bursters, <i>explosive</i>	1.1D	UN0043	II	1.1D ..		None	62	None	Forbidden	Forbidden	07	.....
	Butadienes, stabilized	2.1	UN1010	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	B	40
	Butane <i>see also</i> Petroleum gases, liquefied.	2.1	UN1011	.....	2.1	19, T50	306	304	314, 315.	Forbidden	150 kg	E	40
	<i>Butane, butane mixtures and mixtures having similar prop- erties in cartridges each not exceeding 500 grams, see Receptacles, etc.</i>												
	Butanedione	3	UN2346	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	1,2,4-Butanetriol trinitrate	Forbidden											
	Butanols	3	UN1120	II	3	IB2, T4, TP1, TP29	150	202	242	5 L	60 L	B	.....
	.....			III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>tert</i> -Butoxycarbonyl azide	Forbidden											
	Butyl acetates	3	UN1123	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	.....			III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Butyl acid phosphate	8	UN1718	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Butyl acrylates, stabilized	3	UN2348	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Butyl alcohols, see</i> Butanols												
	Butyl benzenes	3	UN2709	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>n</i> -Butyl bromide, <i>see</i> 1-Bromobutane.												
	<i>n</i> -Butyl chloride, <i>see</i> Chlorobutanes.												
D	sec-Butyl chloroformate	6.1	NA2742	I	6.1, 3, 8.	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	1 L	30 L	A	12, 13, 22, 25, 40, 48, 100
	<i>n</i> -Butyl chloroformate	6.1	UN2743	I	6.1, 8, 3.	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	A	12, 13, 21, 25, 40, 100
	<i>Butyl ethers, see</i> Dibutyl ethers												

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<i>Butyl ethyl ether, see Ethyl butyl ether.</i>													
n-Butyl formate	3	UN1128	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B		
<i>tert-Butyl hydroperoxide, with more than 90 percent with water.</i>	Forbidden												
<i>tert-Butyl hypochlorite</i>	4.2	UN3255	I	4.2, 8		None	211	243	Forbidden	Forbidden	D		
N-n-Butyl imidazole	6.1	UN2690	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A		
<i>tert-Butyl isocyanate</i>	6.1	UN2484	I	6.1, 3	1, A7, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D		40
n-Butyl isocyanate	6.1	UN2485	I	6.1, 3	2, A7, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D		40
Butyl mercaptans	3	UN2347	II	3	A3, IB2, T4, TP1	150	202	242	5 L	60 L	D		26, 95
n-Butyl methacrylate, stabilized	3	UN2227	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A		
Butyl methyl ether	3	UN2350	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B		
Butyl nitrites	3	UN2351	I	3	T11, TP1, TP8, TP27	150	201	243	1 L	30 L	E		40
			II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B		40
			III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A		40
<i>tert-Butyl peroxyacetate, with more than 76 percent in solution.</i>	Forbidden												
<i>n-Butyl peroxycarbonate, with more than 52 percent in solution.</i>	Forbidden												
<i>tert-Butyl peroxyisobutyrate, with more than 77 percent in solution.</i>	Forbidden												
<i>Butyl phosphoric acid, see Butyl acid phosphate.</i>													
Butyl propionates	3	UN1914	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A		
5- <i>tert-Butyl-2,4,6-trinitro-m-xylene</i> or Musk xylene.	4.1	UN2956	III	4.1	159	None	223	None	Forbidden	Forbidden	D		12, 25, 48, 127
Butyl vinyl ether, stabilized	3	UN2352	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B		40
n-Butylamine	3	UN1125	II	3, 8	IB2, T7, TP1	None	202	242	1 L	5 L	B		40
N-Butylaniline	6.1	UN2738	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A		
<i>tert-Butylcyclohexylchloroformate</i>	6.1	UN2747	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A		12, 13, 25
Butylene <i>see also</i> Petroleum gases, liquefied.	2.1	UN1012		2.1	19, T50	306	304	314, 315.	Forbidden	150 kg	E		40
1,2-Butylene oxide, stabilized	3	UN3022	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B		49
Butyltoluenes	6.1	UN2667	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A		
Butyltrichlorosilane	8	UN1747	II	8, 3	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	243	Forbidden	30 L	C		40
1,4-Butynediol	6.1	UN2716	III	6.1	A1, IB8, IP3	None	213	240	100 kg	200 kg	A		61, 70

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Butyraldehyde	3	UN1129	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Butyraldoxime	3	UN2840	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Butyric acid	8	UN2820	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	12
	Butyric anhydride	8	UN2739	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Butyronitrile	3	UN2411	II	3, 6.1	IB2, T7, TP1, TP13	None	202	243	1 L	60 L	E	40
	Butyryl chloride	3	UN2353	II	3, 8	IB2, T8, TP2, TP12, TP13	None	202	243	1 L	5 L	C	40
	Cacodylic acid	6.1	UN1572	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	E	26
	Cadmium compounds	6.1	UN2570	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	.....
	.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Caesium hydroxide	8	UN2682	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....
	Caesium hydroxide solution	8	UN2681	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	.....
	.....	.....	.....	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Calcium	4.3	UN1401	II	4.3	IB7, IP2	151	212	241	15 kg	50 kg	E	.....
	Calcium arsenate	6.1	UN1573	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Calcium arsenate and calcium arsenite, mixtures, solid.	6.1	UN1574	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	<i>Calcium bisulfite solution, see Bisulfites, aqueous solutions, n.o.s..</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Calcium carbide	4.3	UN1402	I	4.3	A1, A8, B55, B59, IB4, IP1, N34	None	211	242	Forbidden	15 kg	B	.....
	.....	.....	.....	II	4.3	A1, A8, B55, B59, IB7, IP2, N34	151	212	241	15 kg	50 kg	B	.....
	Calcium chlorate	5.1	UN1452	II	5.1	IB8, IP2, IP4, N34	152	212	242	5 kg	25 kg	A	56, 58, 106
	Calcium chlorate aqueous solu- tion.	5.1	UN2429	II	5.1	A2, IB2, N41, T4, TP1	152	202	242	1 L	5 L	B	56, 58, 106
	.....	.....	.....	III	5.1	A2, IB2, N41, T4, TP1	152	203	241	2.5 L	30 L	B	56, 68, 106
	Calcium chlorite	5.1	UN1453	II	5.1	A9, IB8, IP2, IP4, N34	152	212	242	5 kg	25 kg	A	56, 58, 106
	Calcium cyanamide with more than 0.1 percent of calcium carbide.	4.3	UN1403	III	4.3	A1, A19, IB8, IP4	151	213	241	25 kg	100 kg	A	.....

Calcium cyanide	6.1	UN1575	I	6.1	IB7, IP1, N79, N80	None	211	242	5 kg	50 kg	A	26, 40
Calcium dithionite or Calcium hydrosulfite.	4.2	UN1923	II	4.2	A19, A20, IB6, IP2	None	212	241	15 kg	50 kg	E	13
Calcium hydride	4.3	UN1404	I	4.3	A19, N40	None	211	242	Forbidden	15 kg	E	.....
Calcium hydrosulfite, see Calcium dithionite.												
Calcium hypochlorite, dry or Calcium hypochlorite mixtures dry with more than 39 percent available chlorine (8.8 percent available oxygen).	5.1	UN1748	II	5.1	A7, A9, IB8, IP2, IP4, N34, W9	152	212	None	5 kg	25 kg	D	4, 5, 25, 48, 56, 58, 69
Calcium hypochlorite, hydrated or Calcium hypochlorite, hydrated mixtures, with not less than 5.5 percent but not more than 16 percent water.	5.1	UN2880	II	5.1	IB8, IP2, IP4, W9	152	212	240	5 kg	25 kg	D	4, 5, 25, 48, 56, 58, 69
Calcium hypochlorite mixtures, dry, with more than 10 percent but not more than 39 percent available chlorine.	5.1	UN2208	III	5.1	A1, A29, IB8, IP3, N34, W9	152	213	240	25 kg	100 kg	D	4, 5, 25, 48, 56, 58, 69
Calcium manganese silicoon	4.3	UN2844	III	4.3	A1, A19, IB8, IP2, IP4	151	213	241	25 kg	100 kg	A	85, 103
Calcium nitrate	5.1	UN1454	III	5.1	34, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
Calcium oxide	8	UN1910	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
Calcium perchlorate	5.1	UN1455	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	56, 58, 106
Calcium permanganate	5.1	UN1456	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	D	56, 58, 69, 106, 107
Calcium peroxide	5.1	UN1457	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	13, 75, 106
Calcium phosphide	4.3	UN1360	I	4.3, 6.1.	A8, A19, N40	None	211	242	Forbidden	15 kg	E	40, 85
Calcium, pyrophoric or Calcium alloys, pyrophoric.	4.2	UN1855	I	4.2		None	187	None	Forbidden	Forbidden	D	.....
Calcium resinate	4.1	UN1313	III	4.1	A1, A19, IB6	None	213	240	25 kg	100 kg	A	.....
Calcium resinate, fused	4.1	UN1314	III	4.1	A1, A19, IB4	None	213	240	25 kg	100 kg	A	.....
Calcium selenate, see Selenates or Selenites.												
Calcium silicide	4.3	UN1405	II	4.3	A19, IB7, IP2	151	212	241	15 kg	50 kg	B	85, 103
			III	4.3	A1, A19, IB8, IP4	151	213	241	25 kg	100 kg	B	85, 103
Camphor oil	3	UN1130	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Camphor, synthetic	4.1	UN2717	III	4.1	A1, IB8, IP3	None	213	240	25 kg	100 kg	A	.....
Cannon primers, see Primers, tubular.												
Caproic acid	8	UN2829	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
Caps, blasting, see Detonators, etc.												

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
I	Carbamate pesticides, liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	3	UN2758	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
	.....	.....	.....	II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	Carbamate pesticides, liquid, toxic.	6.1	UN2992	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....	.....	.....	III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	Carbamate pesticides, liquid, toxic, flammable, <i>flash point not less than 23 degrees C.</i>	6.1	UN2991	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....	.....	.....	III	6.1, 3	B1, IB3, T7, TP2, TP28	153	203	242	60 L	220 L	A	40
	Carbamate pesticides, solid, toxic.	6.1	UN2757	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
	.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	<i>Carbolic acid, see</i> Phenol, solid <i>or</i> Phenol, molten.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Carbolic acid solutions, see</i> Phenol solutions.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Carbon, activated	4.2	UN1362	III	4.2	IB8, IP3	None	213	241	0.5 kg	0.5 kg	A	12
Carbon, <i>animal or vegetable ori- gin.</i>	4.2	UN1361	II	4.2	IB6	None	212	242	Forbidden	Forbidden	A	12	
.....	
<i>Carbon bisulfide, see</i> Carbon di- sulfide.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carbon dioxide	2.2	UN1013	.....	2.2 .....	.....	.....	306	302, 304.	302, 314, 315.	75 kg	150 kg	A	.....
Carbon dioxide and nitrous oxide mixtures.	2.2	UN1015	.....	2.2 .....	.....	.....	306	None	314, 315.	75 kg	150 kg	A	.....
Carbon dioxide and oxygen mix- tures, compressed.	2.2	UN1014	.....	2.2, 5.1.	.....	77	306	304	314, 315.	75 kg	150 kg	A	.....

A W	Carbon dioxide, refrigerated liquid.	2.2	UN2187	.....	2.2	T75, TP5	306	304	314, 315.	50 kg	500 kg	B	.....
	Carbon dioxide, solid or Dry ice	9	UN1845	III	None		217	217	240	200 kg	200 kg	C	40	
	Carbon disulfide	3	UN1131	I	3, 6.1	B16, T14, TP2, TP7, TP13	None	201	243	Forbidden	Forbidden	D	18, 40, 115	
	Carbon monoxide, compressed	2.3	UN1016	2.3, 2.1.		4	None	302	314, 315.	Forbidden	25 kg	D	40
	Carbon monoxide and hydrogen mixture, compressed.	2.3	UN2600	2.3, 2.1.		6	None	302	302	Forbidden	Forbidden	D	40
D	Carbon monoxide, refrigerated liquid (<i>cryogenic liquid</i>).	2.3	NA9202	.....	2.3, 2.1.	4, T75, TP5	None	316	318	Forbidden	Forbidden	D	.....
	Carbon tetrabromide	6.1	UN2516	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	25	
	Carbon tetrachloride	6.1	UN1846	II	6.1	IB2, N36, T7, TP2	None	202	243	5 L	60 L	A	40	
	<i>Carbonyl chloride, see Phosgene.</i>													
	Carbonyl fluoride	2.3	UN2417	2.3, 8		2	None	302	None	Forbidden	Forbidden	D	40
	Carbonyl sulfide	2.3	UN2204	2.3, 2.1.		3, B14	None	304	314, 315.	Forbidden	25 kg	D	40
	<i>Cartridge cases, empty primed, see Cases, cartridge, empty, with primer.</i>													
	<i>Cartridges, actuating, for aircraft ejector seat catapult, fire extinguisher, canopy removal or apparatus, see Cartridges, power device.</i>													
	<i>Cartridges, explosive, see Charges, demolition.</i>													
	Cartridges, flash	1.1G	UN0049	II	1.1G ..		None	62	None	Forbidden	Forbidden	07	.....
	Cartridges, flash	1.3G	UN0050	II	1.3G ..		None	62	None	Forbidden	75 kg	07	.....
	Cartridges for weapons, blank ...	1.1C	UN0326	II	1.1C ..		None	62	None	Forbidden	Forbidden	07	.....
	Cartridges for weapons, blank ...	1.2C	UN0413	II	1.2C ..		None	62	None	Forbidden	Forbidden	07	.....
	Cartridges for weapons, blank or Cartridges, small arms, blank.	1.4S	UN0014	II	None		63	62	None	25 kg	100 kg	05	.....
	Cartridges for weapons, blank or Cartridges, small arms, blank.	1.3C	UN0327	II	1.3C ..		None	62	None	Forbidden	Forbidden	07	.....
	Cartridges for weapons, blank or Cartridges, small arms, blank.	1.4C	UN0338	II	1.4C ..		None	62	None	Forbidden	75 kg	06	.....
	Cartridges for weapons, inert projectile.	1.2C	UN0328	II	1.2C ..		None	62	None	Forbidden	Forbidden	03	.....
	Cartridges for weapons, inert projectile or Cartridges, small arms.	1.4S	UN0012	II	None		63	62	None	25 kg	100 kg	05	.....
	Cartridges for weapons, inert projectile or Cartridges, small arms.	1.4C	UN0339	II	1.4C ..		None	62	None	Forbidden	75 kg	06	.....
	Cartridges for weapons, inert projectile or Cartridges, small arms.	1.3C	UN0417	II	1.3C ..		None	62	None	Forbidden	Forbidden	06	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Cartridges for weapons, <i>with bursting charge.</i>	1.1F	UN0005	II	1.1F ..		None	62	None	Forbidden	Forbidden	08	.....
	Cartridges for weapons, <i>with bursting charge.</i>	1.1E	UN0006	II	1.1E ..		None	62	None	Forbidden	Forbidden	03	.....
	Cartridges for weapons, <i>with bursting charge.</i>	1.2F	UN0007	II	1.2F ..		None	62	None	Forbidden	Forbidden	08	.....
	Cartridges for weapons, <i>with bursting charge.</i>	1.2E	UN0321	II	1.2E ..		None	62	None	Forbidden	Forbidden	03	.....
	Cartridges for weapons, <i>with bursting charge.</i>	1.4F	UN0348	II	1.4F ..		None	62	None	Forbidden	Forbidden	08	.....
	Cartridges for weapons, <i>with bursting charge.</i>	1.4E	UN0412	II	1.4E ..		None	62	None	Forbidden	75 kg	02	.....
	Cartridges, oil well	1.3C	UN0277	II	1.3C ..		None	62	None	Forbidden	Forbidden	07	.....
	Cartridges, oil well	1.4C	UN0278	II	1.4C ..		None	62	None	Forbidden	75 kg	06	.....
	Cartridges, power device	1.3C	UN0275	II	1.3C ..		None	62	None	Forbidden	75 kg	07	.....
	Cartridges, power device	1.4C	UN0276	II	1.4C ..	110	None	62	None	Forbidden	75 kg	06	.....
	Cartridges, power device	1.4S	UN0323	II	1.4S ..	110	63	62	None	25 kg	100 kg	05	.....
	Cartridges, power device	1.2C	UN0381	II	1.2C ..		None	62	None	Forbidden	Forbidden	07	.....
D	Cartridges power devices (<i>used to project fastening devices</i>).	ORM-D		.....	None	.....	63	None	None	30 kg gross	30 kg gross	A	.....
	Cartridges, safety, blank, see Cartridges for weapons, blank (UN 0014).	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cartridges, safety, see Cartridges for weapons, other than blank or Cartridges, power device (UN 0323).	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cartridges, signal	1.3G	UN0054	II	1.3G ..		None	62	None	Forbidden	75 kg	07	.....
	Cartridges, signal	1.4G	UN0312	II	1.4G ..		None	62	None	Forbidden	75 kg	06	.....
	Cartridges, signal	1.4S	UN0405	II	1.4S ..		None	62	None	25 kg	100 kg	05	.....
D	Cartridges, small arms	ORM-D		.....	None	.....	63	None	None	30 kg gross	30 kg gross	A	.....
	Cartridges, sporting, see Cartridges for weapons, other than blank.	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cartridges, starter, jet engine, see Cartridges, power device.	.....		.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cases, cartridge, empty with primer.	1.4S	UN0055	II	1.4S ..	50	None	62	None	25 kg	100 kg	05	.....

	Cases, cartridges, empty with primer.	1.4C	UN0379	II	1.4C ..	50	None	62	None	Forbidden	75 kg	06	.....
	Cases, combustible, empty, without primer.	1.4C	UN0446	II	1.4C ..		None	62	None	Forbidden	75 kg	06	.....
	Cases, combustible, empty, without primer.	1.3C	UN0447	II	1.3C ..		None	62	None	Forbidden	Forbidden	07	.....
	<i>Casinghead gasoline see Gasoline.</i>	.....	.....	.....	.....		.....	.....	.....	.....	.....		.....
A W	Castor beans or Castor meal or Castor pomace or Castor flake.	9	UN2969	II	None	IB8, IP2, IP4	155	204	240	No limit	No limit	E	34, 40
G	Caustic alkali liquids, n.o.s.	8	UN1719	II	8	B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	A	.....
	.....	.....	.....	III	8	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	.....
	<i>Caustic potash, see Potassium hydroxide etc.</i>	.....	.....	.....	.....		.....	.....	.....	.....	.....		.....
	<i>Caustic soda, (etc.) see Sodium hydroxide etc.</i>	.....	.....	.....	.....		.....	.....	.....	.....	.....		.....
	Cells, containing sodium	4.3	UN3292	II	4.3		189	189	189	25 kg gross	No limit	A	.....
	Celluloid, in block, rods, rolls, sheets, tubes, etc., except scrap.	4.1	UN2000	III	4.1		None	213	240	25 kg	100 kg	A	.....
	Celluloid, scrap	4.2	UN2002	III	4.2	IB8, IP3	None	213	241	Forbidden	Forbidden	D	.....
	<i>Cement, see Adhesives containing flammable liquid.</i>	.....	.....	.....	.....		.....	.....	.....	.....	.....		.....
	Cerium, slabs, ingots, or rods	4.1	UN1333	II	4.1	IB8, IP2, IP4, N34	None	212	240	15 kg	50 kg	A	74, 91
	Cerium, turnings or gritty powder	4.3	UN3078	II	4.3	A1, IB7, IP2	151	212	242	15 kg	50 kg	E	.....
	Cesium or Caesium	4.3	UN1407	I	4.3	A19, IB1, IP1, N34, N40	None	211	242	Forbidden	15 kg	D	.....
	Cesium nitrate or Caesium nitrate.	5.1	UN1451	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
D	Charcoal briquettes, shell, screenings, wood, etc..	4.2	NA1361	III	4.2	IB8	151	213	240	25 kg	100 kg	A	12
	Charges, bursting, plastics bonded.	1.1D	UN0457	II	1.1D ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, bursting, plastics bonded.	1.2D	UN0458	II	1.2D ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, bursting, plastics bonded.	1.4D	UN0459	II	1.4D ..		None	62	None	Forbidden	75 kg	06	.....
	Charges, bursting, plastics bonded.	1.4S	UN0460	II	1.4S ..		None	62	None	25 kg	100 kg	05	.....
	Charges, demolition	1.1D	UN0048	II	1.1D ..		None	62	None	Forbidden	Forbidden	03	.....
	Charges, depth	1.1D	UN0056	II	1.1D ..		None	62	None	Forbidden	Forbidden	03	.....
	<i>Charges, expelling, explosive, for fire extinguishers, see Cartridges, power device.</i>	.....	.....	.....	.....		.....	.....	.....	.....	.....		.....
	Charges, explosive, commercial without detonator.	1.1D	UN0442	II	1.1D ..		None	62	None	Forbidden	Forbidden	07	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age		
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)	
	Charges, explosive, commercial <i>without detonator.</i>	1.2D	UN0443	II	1.2D ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, explosive, commercial <i>without detonator.</i>	1.4D	UN0444	II	1.4D ..		None	62	None	Forbidden	75 kg	06	.....
	Charges, explosive, commercial <i>without detonator.</i>	1.4S	UN0445	II	1.4S ...		None	62	None	25 kg	100 kg	05	.....
	Charges, propelling	1.1C	UN0271	II	1.1C ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, propelling	1.3C	UN0272	II	1.3C ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, propelling	1.2C	UN0415	II	1.2C ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, propelling	1.4C	UN0491	II	1.4C ..		None	62	None	Forbidden	75 kg	06	.....
	Charges, propelling, for cannon	1.3C	UN0242	II	1.3C ..		None	62	None	Forbidden	Forbidden	10	.....
	Charges, propelling, for cannon	1.1C	UN0279	II	1.1C ..		None	62	None	Forbidden	Forbidden	10	.....
	Charges, propelling, for cannon	1.2C	UN0414	II	1.2C ..		None	62	None	Forbidden	Forbidden	10	.....
	Charges, shaped, flexible, linear	1.4D	UN0237	II	1.4D ..		None	62	None	Forbidden	75 kg	06	.....
	Charges, shaped, flexible, linear	1.1D	UN0288	II	1.1D ..	101	None	62	None	Forbidden	Forbidden	07	.....
	Charges, shaped, <i>without deto- nator.</i>	1.1D	UN0059	II	1.1D ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, shaped, <i>without deto- nator.</i>	1.2D	UN0439	II	1.2D ..		None	62	None	Forbidden	Forbidden	07	.....
	Charges, shaped, <i>without deto- nator.</i>	1.4D	UN0440	II	1.4D ..		None	62	None	Forbidden	75 kg	06	.....
	Charges, shaped, <i>without deto- nator.</i>	1.4S	UN0441	II	1.4S ...		None	62	None	25 kg	100 kg	05	.....
	Charges, supplementary explo- sive.	1.1D	UN0060	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
D	Chemical kit	8	NA1760	II	8		154	161	None	1 L	30 L	B	40	
	Chemical kits	9	UN3316	.....	9		161	161	None	10 kg	10 kg	A	
	Chloral, anhydrous, stabilized	6.1	UN2075	II	6.1	15	None	202	243	5 L	60 L	D	40	
	Chlorate and borate mixtures	5.1	UN1458	II	5.1	A9, IB8, IP2, IP4, N34	152	212	240	5 kg	25 kg	A	56, 58, 106	
	.....			III	5.1	A9, IB8, IP3, N34	152	213	240	25 kg	100 kg	A	56, 58, 106
	Chlorate and magnesium chlo- ride mixtures.	5.1	UN1459	II	5.1	A9, IB8, IP2, IP4, N34, T4, TP1	152	212	240	5 kg	25 kg	A	56, 58, 106	
	.....			III	5.1	A9, IB8, IP3, N34, T4, TP1	152	213	240	25 kg	100 kg	A	56, 58, 106
	<i>Chlorate of potash, see Potas- sium chlorate.</i>													
	<i>Chlorate of soda, see Sodium chlorate.</i>													

	Chlorates, inorganic, aqueous solution, n.o.s.	5.1	UN3210	II	5.1	.....	IB2, T4, TP1	152	.....	202	.....	242	.....	1 L	5 L	B	56, 58, 106
	Chlorates, inorganic, n.o.s.	5.1	UN1461	II	5.1	.....	A9, IB6, IP2, N34	152	.....	212	.....	242	.....	5 kg	25 kg	A	56, 58, 106
	Chloric acid aqueous solution, with not more than 10 percent chloric acid.	5.1	UN2626	II	5.1	.....	IB2	None	....	229	.....	None	....	Forbidden	Forbidden	D	56, 58, 106
	Chloride of phosphorus, see Phosphorus trichloride.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Chloride of sulfur, see Sulfur chloride.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Chlorinated lime, see Calcium hypochlorite mixtures, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Chlorine	2.3	UN1017	.....	2.3, 8	.....	2, B9, B14, T50, TP19	None	....	304	.....	314, 315.	.....	Forbidden	Forbidden	D	40, 51, 55, 62, 68, 89, 90
D	Chlorine azide	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Chlorine dioxide, hydrate, frozen	5.1	NA9191	II	5.1,	6.1.	.....	None	....	229	.....	None	....	Forbidden	Forbidden	E	.....
	Chlorine dioxide (not hydrate)	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Chlorine pentafluoride	2.3	UN2548	.....	2.3,	5.1, 8.	1, B7, B9, B14	None	....	304	.....	314	.....	Forbidden	Forbidden	D	40, 89, 90
	Chlorine trifluoride	2.3	UN1749	.....	2.3,	5.1, 8.	2, B7, B9, B14	None	....	304	.....	314	.....	Forbidden	Forbidden	D	40, 89, 90
	Chlorite solution	8	UN1908	II	8	.....	A3, A6, A7, B2, IB2, N34, T7, TP2, TP24	154	.....	202	.....	242	.....	1 L	30 L	B	26
	.....	.....	.....	.....	.....	.....	A3, A6, A7, B2, IB3, N34, T4, TP2, TP24	154	.....	203	.....	241	.....	5 L	60 L	B	26
	Chlorites, inorganic, n.o.s.	5.1	UN1462	II	5.1	.....	A7, IB6, IP2, N34	152	.....	212	.....	242	.....	5 kg	25 kg	A	56, 58, 106
	1-Chloro-1,1-difluoroethane or Refrigerant gas R 142b.	2.1	UN2517	.....	2.1	.....	T50	306	.....	304	.....	314, 315.	.....	Forbidden	150 kg	B	40
	3-Chloro-4-methylphenyl isocyanate.	6.1	UN2236	II	6.1	.....	IB2	None	....	202	.....	243	.....	5 L	60 L	B	40
	1-Chloro-1,2,2,2-tetrafluoroethane or Refrigerant gas R 124.	2.2	UN1021	.....	2.2	.....	T50	306	.....	304	.....	314, 315.	.....	75 kg	150 kg	A	.....
	4-Chloro-o-toluidine hydrochloride.	6.1	UN1579	III	6.1	.....	IB8, IP3, T4, TP1	153	.....	213	.....	240	.....	100 kg	200 kg	A	.....
	1-Chloro-2,2,2-trifluoroethane or Refrigerant gas R 133a.	2.2	UN1983	.....	2.2	.....	T50	306	.....	304	.....	314, 315.	.....	75 kg	150 kg	A	.....
	Chloroacetic acid, molten	6.1	UN3250	II	6.1,	8	IB1, T7, TP3, TP28	None	....	202	.....	243	.....	Forbidden	Forbidden	C	40
	Chloroacetic acid, solid	6.1	UN1751	II	6.1,	8	A3, A7, IB8, IP4, N34	None	....	212	.....	242	.....	15 kg	50 kg	A	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Chloroacetic acid, solution	6.1	UN1750	II	6.1, 8	A7, IB2, N34, T7, TP2	None	202	243	1 L	30 L	C	40
	Chloroacetone, stabilized	6.1	UN1695	I	6.1, 3, 8.	2, B9, B14, B32, B74, N12, N32, N34, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	21, 40, 100
+	<i>Chloroacetone (unstabilized)</i>	Forbidden											
	Chloroacetonitrile	6.1	UN2668	II	6.1, 3	2, B9, B14, B32, B74, IB99, T20, TP2, TP38, TP45	None	227	244	Forbidden	Forbidden	A	12, 26, 40
	Chloroacetophenone (CN), liquid	6.1	UN1697	II	6.1	A3, IB2, N12, N32, N33, T11, TP2, TP13, TP27	None	202	243	Forbidden	60 L	D	12, 40
	Chloroacetophenone (CN), solid	6.1	UN1697	II	6.1	A3, IB8, IP2, IP4, N12, N32, N33, N34, T7, TP2, TP13	None	212	None ...	Forbidden	100 kg	D	12, 40
	Chloroacetyl chloride	6.1	UN1752	I	6.1, 8	2, A3, A6, A7, B3, B8, B9, B14, B32, B74, B77, N34, N43, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Chloroanilines, liquid	6.1	UN2019	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	Chloroanilines, solid	6.1	UN2018	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
	Chloroanisidines	6.1	UN2233	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Chlorobenzene	3	UN1134	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Chlorobenzol, see Chloro- benzene.</i>												
	Chlorobenzotrifluorides	3	UN2234	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	40
	Chlorobenzyl chlorides	6.1	UN2235	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Chlorobutanes	3	UN1127	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Chlorocresols, liquid	6.1	UN2669	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	12
	Chlorocresols, solid	6.1	UN2669	II	6.1	IB8, IP2, IP3, T7	None	212	242	25 kg	100 kg	A	12
	Chlorodifluorobromomethane or Refrigerant gas R 12B1.	2.2	UN1974	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....

	Chlorodifluoromethane and chloropentafluoroethane mixture or Refrigerant gas R 502 with fixed boiling point, with approximately 49 percent chlorodifluoromethane.	2.2	UN1973	.....	2.2	.....	T50	306	.....	304	.....	314, 315.	75 kg	150 kg	A	.....
	Chlorodifluoromethane or Refrigerant gas R 22.	2.2	UN1018	.....	2.2	.....	T50	306	.....	304	.....	314, 315.	75 kg	150 kg	A	.....
+	Chlorodinitrobenzenes, liquid	6.1	UN1577	II	6.1	.....	IB2, T11, TP2, TP27	None	.....	202	.....	243	5 L	60 L	B	91
+	Chlorodinitrobenzenes, solid	6.1	UN1577	II	6.1	.....	IB8, IP4, T7, TP2	None	.....	212	.....	242	25 kg	100 kg	A	91
	2-Chloroethanal	6.1	UN2232	I	6.1	.....	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	.....	227	.....	244	Forbidden	Forbidden	D	40
	Chloroform	6.1	UN1888	III	6.1	.....	IB3, N36, T7, TP2	153	.....	203	.....	241	60 L	220 L	A	40
G	Chloroformates, toxic, corrosive, flammable, n.o.s..	6.1	UN2742	II	6.1, 8, 3.	.....	5, IB1, T7, TP2	None	.....	202	.....	243	1 L	30 L	A	12, 13, 21, 25, 40, 100
G	Chloroformates, toxic, corrosive, n.o.s..	6.1	UN3277	II	6.1, 8	.....	IB2, T8, TP2, TP13, TP28	None	.....	202	.....	243	1 L	30 L	A	12, 13, 25, 40
	Chloromethyl chloroformate	6.1	UN2745	II	6.1, 8	.....	IB2, T7, TP2, TP13	None	.....	202	.....	243	1 L	30 L	A	12, 13, 21, 25, 40, 100
	Chloromethyl ethyl ether	3	UN2354	II	3, 6.1	.....	IB2, T7, TP1, TP13	None	.....	202	.....	243	1 L	60 L	E	40
	Chloronitroanilines	6.1	UN2237	III	6.1	.....	IB8, IP3	153	.....	213	.....	240	100 kg	200 kg	A	.....
+	Chloronitrobenzene, ortho, liquid	6.1	UN1578	II	6.1	.....	IB2, T11, TP2, TP13, TP27	None	.....	202	.....	243	5 L	60 L	A	.....
+	Chloronitrobenzenes meta or para, solid.	6.1	UN1578	II	6.1	.....	IB8, IP2, IP4, T7, TP2	None	.....	212	.....	242	25 kg	100 kg	A	.....
	Chloronitrotoluenes, liquid	6.1	UN2433	III	6.1	.....	IB3, T4, TP1	153	.....	203	.....	241	60 L	220 L	A	.....
	Chloronitrotoluenes, solid	6.1	UN2433	III	6.1	.....	IB8, IP3	153	.....	213	.....	240	100 kg	200 kg	A	.....
	Chloropentafluoroethane or Refrigerant gas R 115.	2.2	UN1020	.....	2.2	.....	T50	306	.....	304	.....	314, 315.	75 kg	150 kg	A	.....
	Chlorophenolates, liquid or Phenolates, liquid.	8	UN2904	III	8	.....	IB3	154	.....	203	.....	241	5 L	60 L	A	.....
	Chlorophenolates, solid or Phenolates, solid.	8	UN2905	III	8	.....	IB8, IP3	154	.....	213	.....	240	25 kg	100 kg	A	.....
	Chlorophenols, liquid	6.1	UN2021	III	6.1	.....	IB3, T4, TP1	153	.....	203	.....	241	60 L	220 L	A	.....
	Chlorophenols, solid	6.1	UN2020	III	6.1	.....	IB8, IP3, T4, TP1	153	.....	213	.....	240	100 kg	200 kg	A	.....
	Chlorophenyltrichlorosilane	8	UN1753	II	8	.....	A7, B2, B6, IB2, N34, T7, TP2	None	.....	202	.....	242	Forbidden	30 L	C	40
+	Chloropicrin	6.1	UN1580	I	6.1	.....	2, B7, B9, B14, B32, B46, B74, T20, TP2, TP13, TP38, TP45	None	.....	227	.....	244	Forbidden	Forbidden	D	40
	Chloropicrin and methyl bromide mixtures.	2.3	UN1581	.....	2.3	.....	2, B9, B14, T50	None	.....	193	.....	314, 315.	Forbidden	Forbidden	D	25, 40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

(1)	Hazardous materials descriptions and proper shipping names (2)	Hazard class or Division (3)	Identification Numbers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stowage		
							Exceptions (8A)	Non-bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo aircraft only (9B)	Location (10A)	Other (10B)	
D	Chloropicrin and methyl chloride mixtures. <i>Chloropicrin mixture, flammable (pressure not exceeding 14.7 psia at 115 degrees F flash point below 100 degrees F) see Toxic liquids, flammable, etc.</i>	2.3	UN1582	.....	2.3	2, T50	None	193	245	Forbidden	Forbidden	D	25, 40
	Chloropicrin mixtures, n.o.s.	6.1	UN1583	I	6.1	5	None	201	243	Forbidden	Forbidden	C	40	
	.....	.....	.....	II	6.1	IB2	None	202	243	Forbidden	Forbidden	C	40
	.....	.....	.....	III	6.1	IB3	153	203	241	Forbidden	Forbidden	C	40
	Chloroivaloyl chloride	6.1	NA9263	I	6.1, 8	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	B	40	
	Chloroplatinic acid, solid	8	UN2507	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
	Chloroprene, stabilized	3	UN1991	I	3, 6.1	B57, T14, TP2, TP13	None	201	243	Forbidden	30 L	D	40	
	<i>Chloroprene, uninhibited</i>	Forbidden
	1-Chloropropane	3	UN1278	II	3	IB2, N34, T7, TP2	None	202	242	Forbidden	60 L	E	.....
	2-Chloropropane	3	UN2356	I	3	N36, T11, TP2, TP13	150	201	243	1 L	30 L	E	.....
	3-Chloropropanol-1	6.1	UN2849	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	2-Chloropropene	3	UN2456	I	3	A3, N36, T11, TP2	150	201	243	1 L	30 L	E	.....
	2-Chloropropionic acid	8	UN2511	III	8	IB3, T4, TP2	154	203	241	5 L	60 L	A	8	
	2-Chloropyridine	6.1	UN2822	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	40	
	Chlorosilanes, corrosive, flammable, n.o.s..	8	UN2986	II	8, 3	IB2, T11, TP2, TP27	None	202	243	1 L	30 L	C	40	
	Chlorosilanes, corrosive, n.o.s. ..	8	UN2987	II	8	B2, IB2, T14, TP2, TP27	154	202	242	1 L	30 L	C	40	
	Chlorosilanes, flammable, corrosive, n.o.s..	3	UN2985	II	3, 8	IB1, T11, TP2, TP13, TP27	None	201	243	1 L	5 L	B	40	
	Chlorosilanes, toxic, corrosive, n.o.s..	6.1	UN3361	II	6.1, 8	IB1, T11, TP2, TP13	None	202	243	1 L	30 L	C	40	
	Chlorosilanes, toxic, corrosive, flammable, n.o.s..	6.1	UN3362	II	6.1, 3, 8	IB1, T11, TP2, TP13	None	202	243	1 L	30 L	C	40, 125	

	Chlorosilanes, water-reactive, flammable, corrosive, n.o.s..	4.3	UN2988	I	4.3, 3, 8.	A2, T10, TP2, TP7, TP13	None	201	244	Forbidden	1 L	D	21, 28, 40, 49, 100
+	Chlorosulfonic acid (<i>with or without sulfur trioxide</i>).	8	UN1754	I	8, 6.1	2, A3, A6, A10, B9, B10, B14, B32, B74, T20, TP2, TP12, TP38, TP45	None	227	244	Forbidden	Forbidden	C	40
	Chlorotoluenes	3	UN2238	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Chlorotoluidines <i>liquid</i>	6.1	UN2239	III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	.....
	Chlorotoluidines <i>solid</i>	6.1	UN2239	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	.....
	Chlorotrifluoromethane and trifluoromethane azeotropic mixture or Refrigerant gas R 503 with approximately 60 percent chlorotrifluoromethane.	2.2	UN2599	.....	2.2	.....	306	304	314, 315.	75 kg	150 kg	A	.....
	Chlorotrifluoromethane or Refrigerant gas R 13.	2.2	UN1022	.....	2.2	.....	306	304	314, 315.	75 kg	150 kg	A	.....
	Chromic acid solution	8	UN1755	II	8	B2, IB2, T8, TP2, TP12	154	202	242	1 L	30 L	C	40
	.....	.....	.....	III	8	IB3, T4, TP1, TP12	154	203	241	5 L	60 L	C	40
	<i>Chromic anhydride, see Chromium trioxide, anhydrous.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Chromic fluoride, solid	8	UN1756	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	26
	Chromic fluoride, solution	8	UN1757	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	.....
	.....	.....	.....	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Chromium nitrate	5.1	UN2720	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Chromium oxychloride	8	UN1758	I	8	A3, A6, A7, B10, N34, T10, TP2, TP12	None	201	243	0.5 L	2.5 L	C	40, 66, 74, 89, 90
	Chromium trioxide, anhydrous ...	5.1	UN1463	II	5.1, 8	IB8, IP4	None	212	242	5 kg	25 kg	A	.....
	Chromosulfuric acid	8	UN2240	I	8	A3, A6, A7, B4, B6, N34, T10, TP2, TP12, TP13	None	201	243	0.5 L	2.5 L	B	40, 66, 74, 89, 90
	<i>Chromyl chloride, see Chromium oxychloride.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Cigar and cigarette lighters, charged with fuel, see Lighters or Lighter refills containing flammable gas</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Coal briquettes, hot</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Coal gas, compressed	2.3	UN1023	.....	2.3, 2.1.	.....	3	None	302	314, 315.	Forbidden	D	25 kg
	Coal tar distillates, flammable	3	UN1136	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	.....	.....	.....	III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age		
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other	
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)	
	<i>Coal tar dye, corrosive, liquid, n.o.s. see Dyes, liquid or solid, n.o.s. or Dye intermediates, liquid or solid, corrosive, n.o.s.</i>													
	Coating solution (<i>includes surface treatments or coatings used for industrial or other purposes such as vehicle undercoating, drum or barrel lining</i>).	3	UN1139	I	3	T11, TP1, TP8, TP27	150	201	243	1 L	30 L	E		
					II	3	149, IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	
	Cobalt naphthenates, powder	4.1	UN2001	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A		
	Cobalt resinate, precipitated	4.1	UN1318	III	4.1	A19, IB8, IP3	151	213	240	25 kg	100 kg	A		
	<i>Coke, hot</i>	Forbidden				A1, A19, IB6	151	213	240	25 kg	100 kg	A		
	<i>Collodion, see Nitrocellulose etc</i>													
D G	Combustible liquid, n.o.s.	Combustible liquid	NA1993	III	None	IB3,T1, T4, TP1	150	203	241	60 L	220 L	A		
G	Components, explosive train, n.o.s.	1.2B	UN0382	II	1.2B	101	None	62	None	Forbidden	Forbidden	11		
G	Components, explosive train, n.o.s.	1.4B	UN0383	II	1.4B	101	None	62	None	Forbidden	75 kg	06		
G	Components, explosive train, n.o.s.	1.4S	UN0384	II	1.4S	101	None	62	None	25 kg	100 kg	05		
G	Components, explosive train, n.o.s.	1.1B	UN0461	II	1.1B	101	None	62	None	Forbidden	Forbidden	11		
D G	<i>Composition B, see Hexolite, etc</i>													
	Compounds, cleaning liquid	8	NA1760	I	8	A7, B10, T14, TP2, TP9, TP27	None	201	243	0.5 L	2.5 L	B	40	
					II	8	B2, IB2, N37, T11, TP2, TP27	154	202	242	1 L	30 L	B	40
					III	8	IB3, N37, T7, TP1, TP28	154	203	241	5 L	60 L	A	40
D G	Compounds, cleaning liquid	3	NA1993	I	3	T11, TP1, TP9	150	201	243	1 L	30 L	E		
					II	3	IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B	

D G	Compounds, tree killing, liquid or Compounds, weed killing, liquid.	8	NA1760	III	3	B1, B52, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....
				I	8	A7, B10, T14, TP2, TP9, TP27	None	201	243	0.5 L	2.5 L	B	40	
				II	8	B2, IB2, N37, T11, TP2, TP27	154	202	242	1 L	30 L	B	40	
D G	Compounds, tree killing, liquid or Compounds, weed killing, liquid.	3	NA1993	III	8	IB3, N37, T7, TP1, TP28	154	203	241	5 L	60 L	A	40	
				I	3	T11, TP1, TP9	150	201	243	1 L	30 L	E	.....
				II	3	IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B	.....
D G	Compounds, tree killing, liquid or Compounds, weed killing, liquid.	6.1	NA2810	III	3	B1, B52, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....
				I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40	
				II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L	B	40	
				III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	40	
G	Compressed gas, flammable, n.o.s..	2.1	UN1954	.....	2.1	.....	306	302, 305.	314, 315.	Forbidden	150 kg	D	40
G	Compressed gas, n.o.s.	2.2	UN1956	.....	2.2	.....	306, 307.	302, 305.	314, 315.	75 kg	150 kg	A	.....
G	Compressed gas, oxidizing, n.o.s..	2.2	UN3156	.....	2.2, 5.1.	.....	306	302	314, 315.	75 kg	150 kg	D	.....
G I	Compressed gas, toxic, corrosive, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3304	2.3, 8	1	None	192	245	Forbidden	Forbidden	D	40
GI	Compressed gas, toxic, corrosive, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3304	.....	2.3, 8	2, B9, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
GI	Compressed gas, toxic, corrosive, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3304	.....	2.3, 8	3, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G I	Compressed gas, toxic, corrosive, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3304	.....	2.3, 8	4	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G I	Compressed gas, toxic, flammable, corrosive, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3305	.....	2.3, 2.1, 8.	1	None	192	245	Forbidden	Forbidden	D	17, 40
GI	Compressed gas, toxic, flammable, corrosive, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3305	.....	2.3, 2.1, 8.	2, B9, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	17, 40
GI	Compressed gas, toxic, flammable, corrosive, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3305	.....	2.3, 2.1, 8.	3, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	17, 40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
G I	Compressed gas, toxic, flam- mable, corrosive, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3305	.....	2.3, 2.1, 8.	4	None	302, 305.	314, 315.	Forbidden	Forbidden	D	17, 40
G	Compressed gas, toxic, flam- mable, n.o.s. <i>Inhalation haz- ard Zone A.</i>	2.3	UN1953	.....	2.3, 2.1.	1	None	192	245	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, flam- mable, n.o.s. <i>Inhalation haz- ard Zone B.</i>	2.3	UN1953	.....	2.3, 2.1.	2, B9, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, flam- mable, n.o.s. <i>Inhalation Haz- ard Zone C.</i>	2.3	UN1953	.....	2.3, 2.1.	3, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, flam- mable, n.o.s. <i>Inhalation Haz- ard Zone D.</i>	2.3	UN1953	.....	2.3, 2.1.	4	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN1955	.....	2.3	1	None	192	245	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN1955	.....	2.3	2, B9, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN1955	.....	2.3	3, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN1955	.....	2.3	4	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G I	Compressed gas, toxic, oxidizing, corrosive, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3306	.....	2.3, 5.1, 8.	1	None	192	244	Forbidden	Forbidden	D	40, 89, 90
GI	Compressed gas, toxic, oxi- dizing, corrosive, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3306	.....	2.3, 5.1, 8.	2, B9, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40, 89, 90
GI	Compressed gas, toxic, oxi- dizing, corrosive, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3306	.....	2.3, 5.1, 8.	3, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40, 89, 90
G I	Compressed gas, toxic, oxi- dizing, corrosive, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3306	.....	2.3, 5.1, 8.	4	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40, 89, 90
G	Compressed gas, toxic, oxi- dizing, n.o.s. <i>Inhalation Haz- ard Zone A.</i>	2.3	UN3303	.....	2.3, 5.1.	1	None	192	245	Forbidden	Forbidden	D	40

G	Compressed gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3303	.....	2.3, 5.1.	2, B9, B14	None	302. 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3303	.....	2.3, 5.1.	3, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Compressed gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3303	.....	2.3, 5.1.	4	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
D	Consumer commodity	ORM-D		.....	None		156, 306.	156, 306.	None	30 kg gross	30 kg gross	A	.....
	Contrivances, water-activated, with burster, expelling charge or propelling charge.	1.2L	UN0248	II	1.2L ...	101	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
	Contrivances, water-activated, with burster, expelling charge or propelling charge.	1.3L	UN0249	II	1.3L ...	101	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E, 17E
	Copper acetoarsenite	6.1	UN1585	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Copper acetylide	Forbidden			.....							
	Copper amine azide	Forbidden			.....							
	Copper arsenite	6.1	UN1586	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Copper based pesticides, liquid, flammable, toxic, flash point less than 23 degrees C.	3	UN2776	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
	.....			II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	Copper based pesticides, liquid, toxic.	6.1	UN3010	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....			II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....			III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	Copper based pesticides, liquid, toxic, flammable flash point not less than 23 degrees C.	6.1	UN3009	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....			II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....			III	6.1, 3	B1, IB3, T7, TP2, TP28	153	203	242	60 L	220 L	A	40
	Copper based pesticides, solid, toxic.	6.1	UN2775	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
	.....			II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
	.....			III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	Copper chlorate	5.1	UN2721	II	5.1	A1, IB8, IP2, IP4	152	212	242	5 kg	25 kg	A	56, 58, 106
	Copper chloride	8	UN2802	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
	Copper cyanide	6.1	UN1587	II	6.1	IB8, IP2, IP4	None	204	242	25 kg	100 kg	A	26

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
A W	<i>Copper selenate, see Selenates or Selenites.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Copper selenite, see Selenates or Selenites.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Copper tetramine nitrate</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Copra	4.2	UN1363	III	4.2	IB8, IP3, IP6	None	213	241	Forbidden	Forbidden	A	13, 19, 48, 119
	Cord, detonating, <i>flexible</i>	1.1D	UN0065	II	1.1D	102	63(a)	62	None	Forbidden	Forbidden	07	.....
	Cord, detonating, <i>flexible</i>	1.4D	UN0289	II	1.4D	.....	None	62	None	Forbidden	75 kg	06	.....
	Cord detonating or Fuse deto- nating <i>metal clad</i> .	1.2D	UN0102	II	1.2D	.....	None	62	None	Forbidden	Forbidden	07	.....
	Cord, detonating or Fuse, deto- nating <i>metal clad</i> .	1.1D	UN0290	II	1.1D	.....	None	62	None	Forbidden	Forbidden	07	.....
	Cord, detonating, mild effect or Fuse, detonating, mild effect <i>metal clad</i> .	1.4D	UN0104	II	1.4D	.....	None	62	None	Forbidden	75 kg	06	.....
	Cord, igniter	1.4G	UN0066	II	1.4G	.....	None	62	None	Forbidden	75 kg	06	.....
<i>Cordeau detonant fuse, see Cord, detonating, etc; Cord, detonating, flexible.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
G	<i>Cordite, see Powder, smokeless</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Corrosive liquid, acidic, inor- ganic, n.o.s..	8	UN3264	I	8	B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	B	40
	.....	.....	.....	.....	.....	B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	40
G	.....	.....	.....	.....	.....	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	40
	Corrosive liquid, acidic, organic, n.o.s..	8	UN3265	I	8	B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	B	40
	.....	.....	.....	.....	.....	B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	40
G	.....	.....	.....	.....	.....	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	40
	Corrosive liquid, basic, inor- ganic, n.o.s..	8	UN3266	I	8	B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	B	40
	.....	.....	.....	.....	.....	B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	40
G	.....	.....	.....	.....	.....	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	40

G	Corrosive liquid, basic, organic, n.o.s.	8	UN3267	I	8	B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	B	40
				II	8	B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	40
				III	8	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	40
G	Corrosive liquid, self-heating, n.o.s.	8	UN3301	I	8, 4.2	B10	None	201	243	0.5 L	2.5 L	D	
G	Corrosive liquids, flammable, n.o.s.	8	UN2920	I	8, 4.2	B2, IB1	154	202	242	1 L	30 L	D	
				II	8, 3	B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	C	25, 40
G	Corrosive liquids, n.o.s.	8	UN1760	I	8	A7, B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	B	40
				II	8	B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	40
				III	8	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	40
G	Corrosive liquids, oxidizing, n.o.s.	8	UN3093	I	8, 5.1		None	201	243	Forbidden	2.5 L	C	89
G	Corrosive liquids, toxic, n.o.s.	8	UN2922	II	8, 5.1	IB2	None	202	243	1 L	30 L	C	89
				I	8, 6.1	A7, B10, T14, TP2, TP13, TP27	None	201	243	0.5 L	2.5 L	B	40
				III	8, 6.1	B3, IB2, T7, TP2	None	202	243	1 L	30 L	B	40
G	Corrosive liquids, water-reactive, n.o.s.	8	UN3094	III	8, 6.1	IB3, T7, TP1, TP28	154	203	241	5 L	60 L	B	40
				I	8, 4.3		None	201	243	Forbidden	1 L	E	
G	Corrosive solid, acidic, inorganic, n.o.s.	8	UN3260	II	8, 4.3		None	202	243	1 L	5 L	E	
				I	8	IB7, IP1	None	211	242	1 kg	25 kg	B	
G	Corrosive solid, acidic, organic, n.o.s.	8	UN3261	III	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	B	
				I	8	IB8, IP3	154	213	240	25 kg	100 kg	A	
				II	8	IB7, IP1	None	211	242	1 kg	25 kg	B	
G	Corrosive solid, basic, inorganic, n.o.s.	8	UN3262	III	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	B	
				I	8	IB8, IP3	154	213	240	25 kg	100 kg	A	
				II	8	IB7, IP1	None	211	242	1 kg	25 kg	B	
G	Corrosive solid, basic, organic, n.o.s.	8	UN3263	III	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	B	
				I	8	IB8, IP3	154	213	240	25 kg	100 kg	A	
				II	8	IB7, IP1	None	211	242	1 kg	25 kg	B	
G	Corrosive solids, flammable, n.o.s.	8	UN2921	III	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	B	
				I	8, 4.1	IB8, IP3, IB6	None	211	242	1 kg	25 kg	A	12, 25
G	Corrosive solids, n.o.s.	8	UN1759	II	8, 4.1	IB8, IP2, IP4	None	212	242	15 kg	50 kg	B	12, 25
				I	8	IB7, IP1	None	211	242	1 kg	25 kg	B	

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
G	Corrosive solids, oxidizing, n.o.s.	8	UN3084	II	8	128, IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	
							154	213	240	25 kg	100 kg	A	
							None	211	242	1 kg	25 kg	C	
G	Corrosive solids, self-heating, n.o.s.	8	UN3095	II	8, 5.1	IB6, IP2	None	212	242	15 kg	50 kg	C	
							None	211	243	1 kg	25 kg	C	
							None	212	242	15 kg	50 kg	C	
G	Corrosive solids, toxic, n.o.s.	8	UN2923	II	8, 4.2	IB6, IP2	None	212	242	15 kg	50 kg	C	
							None	211	242	1 kg	25 kg	B	40
							None	212	240	15 kg	50 kg	B	40
G	Corrosive solids, water-reactive, n.o.s.	8	UN3096	III	8, 6.1	IB8, IP3	154	213	240	25 kg	100 kg	B	40, 95
							None	211	243	1 kg	25 kg	D	
							None	211	243	1 kg	25 kg	D	
D W	Cotton	9	NA1365	II	8, 4.3	IB6, IP2	None	212	242	15 kg	50 kg	D	
							None	212	242	15 kg	50 kg	D	
							None	None	None	No limit	No limit	A	
A W	Cotton waste, oily	4.2	UN1364	III	4.2	IB8, IP6	None	213	None	Forbidden	Forbidden	A	54
							None	204	241	Forbidden	Forbidden	A	
							None	204	241	Forbidden	Forbidden	A	
A I W	Coumarin derivative pesticides, liquid, flammable, toxic, flash point less than 23 degrees C.	3	UN3024	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
							None	202	243	1 L	60 L	B	40
							None	201	243	1 L	30 L	B	40
A I W	Coumarin derivative pesticides, liquid, toxic.	6.1	UN3026	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
							None	202	243	5 L	60 L	B	40
							None	202	243	5 L	60 L	B	40
A I W	Coumarin derivative pesticides, liquid, toxic, flammable flash point not less than 23 degrees C.	6.1	UN3025	III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	40
							None	201	243	1 L	30 L	B	40
							None	201	243	1 L	30 L	B	40
A I W	Coumarin derivative pesticides, liquid, toxic, flammable flash point not less than 23 degrees C.	6.1	UN3025	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
							None	202	243	5 L	60 L	B	40
							None	203	242	60 L	220 L	A	40

Coumarin derivative pesticides, solid, toxic.	6.1	UN3027	I	6.1	IB7, IP1, T14, TP2, TP27	None	211	242	5 kg	50 kg	A	40
			II	6.1	IB8, IP2, IP4, T11, TP2, TP27	None	212	242	25 kg	100 kg	A	40
			III	6.1	IB8, IP3, T7, TP1, TP28	153	213	240	100 kg	200 kg	A	40
Cresols, liquid	6.1	UN2076	II	6.1, 8	IB8, IP2, IP4, T7, TP2	None	202	243	1 L	30 L	B	
Cresols, solid	6.1	UN2076	II	6.1, 8	IB8, IP2, IP4, T7, TP2	None	202	243	1 L	30 L	B	
Cresylic acid	6.1	UN2022	II	6.1, 8	IB2, T7, TP2, TP13	None	202	243	1 L	30 L	B	
Crotonaldehyde, stabilized	6.1	UN1143	I	6.1, 3	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	B	40
Crotonic acid <i>liquid</i>	8	UN2823	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	12
Crotonic acid, <i>solid</i>	8	UN2823	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	12
Crotylene	3	UN1144	I	3	T11, TP2	150	201	243	1 L	30 L	E	
Cupriethylenediamine solution	8	UN1761	II	8, 6.1	IB2, T7, TP2	None	202	243	1 L	30 L	A	
			III	8, 6.1	IB3, T7, TP1, TP28	154	203	242	5 L	60 L	A	95
Cutters, cable, explosive	1.4S	UN0070	II	1.4S		None	62	None	25 kg	100 kg	05	
<i>Cyanide or cyanide mixtures, dry, see Cyanides, inorganic, solid, n.o.s..</i>												
Cyanide solutions, n.o.s.	6.1	UN1935	I	6.1	B37, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40, 52
			II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	A	40, 52
			III	6.1	IB3, T7, TP2, TP13, TP28	153	203	241	60 L	220 L	A	40, 52
Cyanides, inorganic, solid, n.o.s.	6.1	UN1588	I	6.1	IB7, IP1, N74, N75	None	211	242	5 kg	50 kg	A	52
			II	6.1	IB8, IP2, IP4, N74, N75	None	212	242	25 kg	100 kg	A	52
			III	6.1	IB8, IP3, N74, N75	153	213	240	100 kg	200 kg	A	52
Cyanogen	2.3	UN1026		2.3, 2.1	2	None	304	245	Forbidden	Forbidden	D	40
Cyanogen bromide	6.1	UN1889	I	6.1, 8	A6, A8	None	211	242	1 kg	15 kg	D	40
Cyanogen chloride, stabilized	2.3	UN1589		2.3, 8	1	None	192	245	Forbidden	Forbidden	D	40
Cyanuric chloride	8	UN2670	II	8	IB8, IP2, IP4	None	212	240	15 kg	50 kg	A	12, 40
<i>Cyanuric triazide</i>	Forbidden											
Cyclobutane	2.1	UN2601		2.1		306	304	314, 315	Forbidden	150 kg	B	40
Cyclobutyl chloroformate	6.1	UN2744	II	6.1, 8, 3	IB1, T7, TP2, TP13	None	202	243	1 L	30 L	A	12, 13, 21, 25, 40, 100
1,5,9-Cyclododecatriene	6.1	UN2518	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Cycloheptane	3	UN2241	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	Cycloheptatriene	3	UN2603	II	3, 6.1	IB2, T7, TP1, TP13	None	202	243	1 L	60 L	E	40
	Cycloheptene	3	UN2242	II	3	B1, IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Cyclohexane	3	UN1145	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
	Cyclohexanone	3	UN1915	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Cyclohexene	3	UN2256	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
	Cyclohexenyltrichlorosilane	8	UN1762	II	8	A7, B2, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40
	Cyclohexyl acetate	3	UN2243	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Cyclohexyl isocyanate	6.1	UN2488	I	6.1, 3	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Cyclohexyl mercaptan	3	UN3054	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	40, 95
	Cyclohexylamine	8	UN2357	II	8, 3	IB2, T7, TP2	None	202	243	1 L	30 L	A	40
	Cyclohexyltrichlorosilane	8	UN1763	II	8	A7, B2, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40
	Cyclonite and cyclotetramethylenetetranitra- mine mixtures, wetted <i>or</i> de- sensitized <i>see</i> RDX and HMX mixtures, wetted <i>or</i> desen- sitized <i>etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cyclonite and HMX mixtures, wetted <i>or</i> desensitized <i>see</i> RDX and HMX mixtures, wetted <i>or</i> desensitized <i>etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cyclonite and octogen mixtures, wetted <i>or</i> desensitized <i>see</i> RDX and HMX mixtures, wetted <i>or</i> desensitized <i>etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cyclonite, <i>see</i> Cyclotrimethylenetrinitramine, <i>etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Cyclooctadiene phosphines, <i>see</i> 9-Phosphabicyclononanes.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Cyclooctadienes	3	UN2520	III	3	.....	B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	.....
Cyclooctatetraene	3	UN2358	II	3	.....	IB2, T4, TP1	150	.....	202	.....	242	.....	5 L	60 L	B	.....
Cyclopentane	3	UN1146	II	3	.....	IB2, T7, TP1	150	.....	202	.....	242	.....	5 L	60 L	E	.....
<i>Cyclopentane, methyl, see Methylcyclopentane.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cyclopentanol	3	UN2244	III	3	.....	B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	.....
Cyclopentanone	3	UN2245	III	3	.....	B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	.....
Cyclopentene	3	UN2246	II	3	.....	IB2, T7, TP2	150	.....	202	.....	242	.....	5 L	60L	E	40
Cyclopropane	2.1	UN1027	.....	2.1	.....	T50	306	.....	304	.....	314, 315.	.....	Forbidden	150 kg	E	40
<i>Cyclotetramethylene tetranitramine (dry or unphlegmatized) (HMX).</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cyclotetramethylenetetranitramine, desensitized or Octogen, desensitized or HMX, desensitized.	1.1D	UN0484	II	1.1D	..	.....	None	....	62	.....	None	....	Forbidden	Forbidden	10	.....
Cyclotetramethylenetetranitramine, wetted or HMX, wetted or Octogen, wetted with not less than 15 percent water, by mass.	1.1D	UN0226	II	1.1D	..	.....	None	....	62	.....	None	....	Forbidden	Forbidden	10	.....
Cyclotrimethylenetrinitramine and cyclotetramethylenetetranitramine mixtures, wetted or desensitized see RDX and HMX mixtures, wetted or desensitized etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cyclotrimethylenenitramine and octogen, mixtures, wetted or desensitized see RDX and HMX mixtures, wetted or desensitized etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cyclotrimethylenetrinitramine and HMX mixtures, wetted or desensitized see RDX and HMX mixtures, wetted or desensitized etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen, desensitized or RDX, desensitized.	1.1D	UN0483	II	1.1D	..	.....	None	....	62	.....	None	....	Forbidden	Forbidden	10	.....
Cyclotrimethylenetrinitramine, wetted or Cyclonite, wetted or Hexogen, wetted or RDX, wetted with not less than 15 percent water by mass.	1.1D	UN0072	II	1.1D	..	.....	None	....	62	.....	None	....	Forbidden	Forbidden	10	.....
Cymenes	3	UN2046	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Dangerous Goods in Machinery or Dangerous Goods in Apparatus.	9	UN3363	.....	.....	136	None	222	None	No limit	No limit	A	.....
	Decaborane	4.1	UN1868	II	4.1, 6.1.	A19, A20, IB6, IP2	None	212	None	Forbidden	50 kg	A	.....
	Decahydronaphthalene	3	UN1147	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	n-Decane	3	UN2247	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Deflagrating metal salts of aromatic nitroderivatives, n.o.s.	1.3C	UN0132	II	1.3C ..		None	62	None	Forbidden	Forbidden	10	5E
	<i>Delay electric igniter, see Igniters.</i>	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	<i>Depth charges, see Charges, depth.</i>	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	<i>Detonating relays, see Detonators, etc.</i>	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	Detonator assemblies, non-electric for blasting.	1.1B	UN0360	II	1.1B ...		None	62	None	Forbidden	Forbidden	11	.....
	Detonator assemblies, non-electric, for blasting.	1.4B	UN0361	II	1.4B ...	103	63(f), 63(g).	62	None	Forbidden	75 kg	06	.....
	Detonators, assemblies, non-electric for blasting.	1.4S	UN0500	II	1.4S ...		63(f), 63(g).	62	None	25 kg	100 kg	05	.....
	Detonators, electric, for blasting	1.1B	UN0030	II	1.1B ...		63(f), 63(g).	62	None	Forbidden	Forbidden	11	.....
	Detonators, electric, for blasting	1.4B	UN0255	II	1.4B ...	103	63(f), 63(g).	62	None	Forbidden	75 kg	06	.....
	Detonators, electric for blasting	1.4S	UN0456	II	1.4S ...		63(f), 63(g).	62	None	25 kg	100 kg	05	.....
	Detonators for ammunition	1.1B	UN0073	II	1.1B ...		None	62	None	Forbidden	Forbidden	11	.....
	Detonators for ammunition	1.2B	UN0364	II	1.2B ...		None	62	None	Forbidden	Forbidden	11	.....
	Detonators for ammunition	1.4B	UN0365	II	1.4B ...	103	None	62	None	Forbidden	75 kg	06	.....
	Detonators for ammunition	1.4S	UN0366	II	1.4S ...		None	62	None	25 kg	100 kg	05	.....
	Detonators, non-electric, for blasting.	1.1B	UN0029	II	1.1B ...		None	62	None	Forbidden	Forbidden	11	.....
	Detonators, non-electric, for blasting.	1.4B	UN0267	II	1.4B ...	103	63(f), 63(g).	62	None	Forbidden	75 kg	06	.....
	Detonators, non-electric, for blasting.	1.4S	UN0455	II	1.4S ...		63(f), 63(g).	62	None	25 kg	100 kg	05
	Deuterium, compressed	2.1	UN1957	2.1		306	302	None	Forbidden	150 kg	E	40

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Devices, small, hydrocarbon gas powered or Hydrocarbon gas refills for small devices with release device.	2.1	UN3150	2.1		306	304	None	Forbidden	150 kg	B	40
Di-n-amylamine	3	UN2841	III	3, 6.1	B1, IB3, T4, TP1		150	.....	203	.....	242	.....	60 L	220 L	A	.....
Di-n-butyl peroxydicarbonate, with more than 52 percent in solution.	Forbidden															
Di-n-butylamine	8	UN2248	II	8, 3	IB2, T7, TP2		None	.....	202	.....	243	.....	1 L	30 L	A	.....
2,2-Di-(tert-butylperoxy) butane, with more than 55 percent in solution.	Forbidden															
Di-(tert-butylperoxy) phthalate, with more than 55 percent in solution.	Forbidden															
2,2-Di-(4,4-di-tert-butylperoxycyclohexyl) propane, with more than 42 percent with inert solid.	Forbidden															
Di-2,4-dichlorobenzoyl peroxide, with more than 75 percent with water.	Forbidden															
1,2-Di-(dimethylamino)ethane	3	UN2372	II	3	IB2, T4, TP1		150	.....	202	.....	242	.....	5 L	60 L	B	.....
Di-2-ethylhexyl phosphoric acid, see Diisooctyl acid phosphate.	.....														
Di-(1-hydroxytetrazole) (dry)	Forbidden															
Di-(1-naphthoyl) peroxide	Forbidden															
a,a'-Di-(nitroxy) methylether	Forbidden															
Di-(beta-nitroxyethyl) ammonium nitrate.	Forbidden															
Diacetone alcohol	3	UN1148	II	3	IB2, T4, TP1		150	.....	202	.....	242	.....	5 L	60 L	B	.....
Diacetone alcohol peroxides, with more than 57 percent in solution with more than 9 percent hydrogen peroxide, less than 26 percent diacetone alcohol and less than 9 percent water; total active oxygen content more than 9 percent by mass.	Forbidden		III	3	B1, IB3, T2, TP1		150	.....	203	.....	242	.....	60 L	220 L	A	.....
Diacetyl, see Butanedione	.....														
Diacetyl peroxide, solid, or with more than 25 percent in solution.	Forbidden															
Diagnostic specimen	6.2		.....	.....	A82		134	.....	199	.....	None	.....	4 L or 4kg	4L or 4 kg	A	40
Diallylamine	3	UN2359	II	3, 6.1, 8.	IB2, T7, TP1		None	.....	202	.....	243	.....	1 L	5 L	B	21, 40, 100
Diallylether	3	UN2360	II	3, 6.1	IB2, N12, T7, TP1, TP13		None	.....	202	.....	243	.....	1 L	60 L	E	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	4,4'-Diaminodiphenyl methane ... <i>p</i> -Diazidobenzene	6.1 Forbidden	UN2651	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	.....
	1,2-Diazidoethane	Forbidden											.....
	1,1'-Diazoaminonaphthalene	Forbidden											.....
	Diazoaminotetrazole (dry)	Forbidden											.....
	Diazodinitrophenol (dry)	Forbidden											.....
	Diazodinitrophenol, wetted with not less than 40 percent water or mixture of alcohol and water, by mass.	1.1A	UN0074	II	1.1A ..	111, 117	None ...	62	None ...	Forbidden	Forbidden	12	.....
	Diazodiphenylmethane	Forbidden											.....
	Diazonium nitrates (dry)	Forbidden											.....
	Diazonium perchlorates (dry)	Forbidden											.....
	1,3-Diazopropane	Forbidden											.....
	Dibenzyl peroxydicarbonate, with more than 87 percent with water.	Forbidden											.....
	Dibenzylchlorosilane	8	UN2434	II	8	B2, IB2, T7, TP2, TP13	154	202	242	1 L	30 L	C	40
	Diborane	2.3	UN1911	2.3	2.1	1	None	302	None ...	Forbidden	Forbidden	D	40, 57
	Diborane mixtures	2.1	NA1911	.....	2.1	5	None	302	245	Forbidden	Forbidden	D	40, 57
	Dibromoacetylene	Forbidden											.....
	1,2-Dibromobutan-3-one	6.1	UN2648	II	6.1	IB2	None ...	202	243	5 L	60 L	B	40
	Dibromochloropropane	6.1	UN2872	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Dibromodifluoromethane, R12B2	9	UN1941	III	None	T11, TP2	155	203	241	100 L	220 L	A	25
	1,2-Dibromoethane, see Ethyl- ene dibromide.	.....											.....
	Dibromomethane	6.1	UN2664	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Dibutyl ethers	3	UN1149	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Dibutylaminoethanol	6.1	UN2873	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	N,N'-Dichlorazodicarbonamide (salts of) (dry).	Forbidden											.....
	1,1-Dichloro-1-nitroethane	6.1	UN2650	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	12, 40
	3,5-Dichloro-2,4,6- trifluoropyridine.	6.1	NA9264	I	6.1	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	A	40
	Dichloroacetic acid	8	UN1764	II	8	A3, A6, A7, B2, IB2, N34, T8, TP2, TP12	154	202	242	1 L	30 L	A	.....

1,3-Dichloroacetone	6.1	UN2649	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	B	12, 40
Dichloroacetyl chloride	8	UN1765	II	8	A3, A6, A7, B2, B6, IB2, N34, T7, TP2	154	202	242	1 L	30 L	D	40
<i>Dichloroacetylene</i>	Forbidden											
+ Dichloroanilines, liquid	6.1	UN1590	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	40
+ Dichloroanilines, solid	6.1	UN1590	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	40
+ o-Dichlorobenzene	6.1	UN1591	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	
2,2'-Dichlorodiethyl ether	6.1	UN1916	II	6.1, 3	IB2, N33, N34, T7, TP2	None	202	243	5 L	60 L	A	
Dichlorodifluoromethane and difluoroethane azeotropic mixture or Refrigerant gas R 500 with approximately 74 percent dichlorodifluoromethane.	2.2	UN2602		2.2	T50	306	304	314, 315.	75 kg	150 kg	A	
Dichlorodifluoromethane or Refrigerant gas R 12.	2.2	UN1028		2.2	T50	306	304	314, 315.	75 kg	150 kg	A	
Dichlorodimethyl ether, symmetrical.	6.1	UN2249	I	6.1, 3		None	201	243	Forbidden	Forbidden	D	40
1,1-Dichloroethane	3	UN2362	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
1,2-Dichloroethane, see Ethylene dichloride.												
<i>Dichloroethyl sulfide</i>	Forbidden											
1,2-Dichloroethylene	3	UN1150	II	3	IB2, T7, TP2	150	202	242	5 L	60 L	B	
Dichlorofluoromethane or Refrigerant gas R21.	2.2	UN1029		2.2	T50	306	304	314, 315.	75 kg	150 kg	A	
Dichloroisocyanuric acid, dry or Dichloroisocyanuric acid salts.	5.1	UN2465	II	5.1	28, IB8, IP4	152	212	240	5 kg	25 kg	A	13
Dichloroisopropyl ether	6.1	UN2490	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	B	
Dichloromethane	6.1	UN1593	III	6.1	IB3, N36, T7, TP2	153	203	241	60 L	220 L	A	
Dichloropentanes	3	UN1152	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
Dichlorophenyl isocyanates	6.1	UN2250	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	B	25, 40, 48
Dichlorophenyltrichlorosilane	8	UN1766	II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40
1,2-Dichloropropane	3	UN1279	II	3	IB2, N36, T4, TP1	150	202	242	5 L	60 L	B	
1,3-Dichloropropanol-2	6.1	UN2750	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	12, 40
<i>Dichloropropene and propylene dichloride mixture, see 1,2-Dichloropropane.</i>												
Dichloropropenes	3	UN2047	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
			III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
Dichlorosilane	2.3	UN2189		2.3, 2.1, 8.	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	17, 40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
	1,2-Dichloro-1,1,2,2-tetrafluoroethane or Refrigerant gas R 114.	2.2	UN1958	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	<i>Dichlorovinylchloroarsine</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Dicycloheptadiene, see</i> Bicyclo [2,2,1] hepta-2,5-diene, sta- bilized.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Dicyclohexylamine	8	UN2565	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Dicyclohexylammonium nitrite ...	4.1	UN2687	III	4.1	IB8, IP3	151	213	240	25 kg	100 kg	A	48
	Dicyclopentadiene	3	UN2048	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Didymium nitrate	5.1	UN1465	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
D	Diesel fuel	3	NA1993	III	None	144, B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....
I	Diesel fuel	3	UN 1202	III	3	144, B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Diethanol nitrosamine dinitrate (dry).</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Diethoxymethane	3	UN2373	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
	3,3-Diethoxypropene	3	UN2374	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Diethyl carbonate	3	UN2366	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Diethyl cellosolve, see</i> Ethylene glycol diethyl ether.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Diethyl ether or Ethyl ether	3	UN1155	I	3	T11, TP2	150	201	243	1 L	30 L	E	40
	Diethyl ketone	3	UN1156	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Diethyl peroxycarbonate, with more than 27 percent in solu- tion.</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Diethyl sulfate	6.1	UN1594	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	C	.....
	Diethyl sulfide	3	UN2375	II	3	IB2, T7, TP1, TP13	None	202	243	5 L	60 L	E	.....
	Diethylamine	3	UN1154	II	3, 8	IB2, N34, T7, TP1	None	202	243	1 L	5 L	E	40
	2-Diethylaminoethanol	8	UN2686	II	8, 3	B2, IB2, T7, TP2	None	202	243	1 L	30 L	A	.....
	3-Diethylamino-propylamine	3	UN2684	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	.....
+	N, N-Diethylaniline	6.1	UN2432	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Diethylbenzene	3	UN2049	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Diethyldichlorosilane	8	UN1767	II	8, 3	A7, B6, IB2, N34, T7, TP2, TP13	None	202	243	Forbidden	30 L	C	40
	<i>Diethylene glycol dinitrate</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Diethyleneglycol dinitrate, de-sensitized with not less than 25 percent non-volatile water-insoluble phlegmatizer, by mass.	1.1D	UN0075	II	1.1D ..	None	62	None	Forbidden	Forbidden	13	21E
Diethylenetriamine	8	UN2079	II	8	B2, IB2, T7, TP2	154	242	1 L	30 L	A	40
N,N-Diethylethylenediamine	8	UN2685	II	8, 3	IB2, T7, TP2	None	243	1 L	30 L	A	.....
Diethylgold bromide	Forbidden										
Diethylthiophos-phoryl chloride ..	8	UN2751	II	8	B2, IB2, T7, TP2	None	240	15 kg	50 kg	D	12, 40
Diethylzinc	4.2	UN1366	I	4.2, 4.3.	B11, T21, TP2, TP7	None	244	Forbidden	Forbidden	D	18
Difluorochloroethanes, see 1-Chloro-1,1-difluoroethanes.											
1,1-Difluoroethane or Refrigerant gas R 152a.	2.1	UN1030		2.1	T50	306	314, 315.	Forbidden	150 kg	B	40
1,1-Difluoroethylene or Refrigerant gas R 1132a.	2.1	UN1959		2.1		306	None	Forbidden	150 kg	E	40
Difluoromethane or Refrigerant gas R 32.	2.1	UN3252		2.1	T50	306	314, 315.	Forbidden	150 kg	D	40
Difluorophosphoric acid, anhydrous.	8	UN1768	II	8	A6, A7, B2, IB2, N5, N34, T8, TP2, TP12	None	242	1 L	30 L	A	40
2,3-Dihydropyran	3	UN2376	II	3	IB2, T4, TP1	150	242	5 L	60 L	B	.....
1,8-Dihydroxy-2,4,5,7-tetranitroanthraquinone (chrysamminic acid).	Forbidden										
Diiodoacetylene	Forbidden										
Diisobutyl ketone	3	UN1157	III	3	B1, IB3, T2, TP1	150	242	60 L	220 L	A	.....
Diisobutylamine	3	UN2361	III	3, 8	B1, IB3, T4, TP1	150	242	5 L	60 L	A	.....
Diisobutylene, isomeric compounds.	3	UN2050	II	3	IB2, T4, TP1	150	242	5 L	60 L	B	.....
Diisooctyl acid phosphate	8	UN1902	III	8	IB3, T4, TP1	154	241	5 L	60 L	A	.....
Diisopropyl ether	3	UN1159	II	3	IB2, T4, TP1	150	242	5 L	60 L	E	40
Diisopropylamine	3	UN1158	II	3, 8	IB2, T7, TP1	None	243	1 L	5 L	B	.....
Diisopropylbenzene hydroperoxide, with more than 72 percent in solution.	Forbidden										
Diketene, stabilized	6.1	UN2521	I	6.1, 3	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	244	Forbidden	Forbidden	D	40, 49
1,2-Dimethoxyethane	3	UN2252	II	3	IB2, T4, TP1	150	242	5 L	60 L	B	.....
1,1-Dimethoxyethane	3	UN2377	II	3	IB2, T7, TP1	150	242	5 L	60 L	B	.....
Dimethyl carbonate	3	UN1161	II	3	IB2, T4, TP1	150	242	5 L	60 L	B	.....
Dimethyl chlorothiophosphate, see Dimethyl thiophosphoryl chloride.											
2,5-Dimethyl-2,5-dihydroperoxy hexane, with more than 82 percent with water.	Forbidden										

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
	Dimethyl disulfide	3	UN2381	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	Dimethyl ether	2.1	UN1033	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	B	40
	Dimethyl-N-propylamine	3	UN2266	II	3, 8	IB2, T7, TP2, TP13	None	202	243	1 L	5 L	B	40
	Dimethyl sulfate	6.1	UN1595	I	6.1, 8	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Dimethyl sulfide	3	UN1164	II	3	IB1, T7, TP2	None	202	242	5 L	60 L	E	40
	Dimethyl thiophosphoryl chloride	6.1	UN2267	II	6.1, 8	IB2, T7, TP2	None	202	243	1 L	30 L	B	25
	Dimethylamine, anhydrous	2.1	UN1032	.....	2.1	T50	None	304	314, 315.	Forbidden	150 kg	D	40
	Dimethylamine solution	3	UN1160	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	.....
	2-Dimethylaminoacetonitrile	3	UN2378	II	3, 6.1	IB2, T7, TP1	None	202	243	1 L	60 L	A	26, 40
	2-Dimethylaminoethanol	8	UN2051	II	8, 3	B2, IB2, T7, TP2	154	202	243	1 L	30 L	A	.....
	2-Dimethylaminoethyl acrylate ...	6.1	UN3302	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	D	25
	2-Dimethylaminoethyl methacry- late.	6.1	UN2522	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	B	40
	N,N-Dimethylaniline	6.1	UN2253	II	6.1	IB1, T7, TP2	None	202	243	5 L	60 L	A	.....
	2,3-Dimethylbutane	3	UN2457	II	3	IB2, T7, TP1	150	202	242	5 L	60 L	E	.....
	1,3-Dimethylbutylamine	3	UN2379	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	.....
	Dimethylcarbamoyl chloride	8	UN2262	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	40
	Dimethylcyclohexanes	3	UN2263	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	N,N-Dimethylcyclohexylamine	8	UN2264	II	8, 3	B2, IB2, T7, TP2	154	202	243	1 L	30 L	A	40
	Dimethyldichlorosilane	3	UN1162	II	3, 8	B77, IB2, T7, TP2, TP13	None	202	243	Forbidden	Forbidden	B	40
	Dimethyldiethoxysilane	3	UN2380	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Dimethyldioxanes	3	UN2707	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	.....	.....	.....	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	N,N-Dimethylformamide	3	UN2265	III	3	B1, IB3, T2, TP2	150	203	242	60 L	220 L	A	.....
	<i>Dimethylhexane dihydroperoxide (dry).</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Dimethylhydrazine, symmetrical	6.1	UN2382	I	6.1, 3	2, A7, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40

Dimethylhydrazine, unsymmetrical.	6.1	UN1163	I	6.1, 3, 8.	2, B7, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	21, 38, 40, 100
2,2-Dimethylpropane	2.1	UN2044		2.1		306	304	314, 315.	Forbidden	150 kg	E	40
Dimethylzinc	4.2	UN1370	I	4.2, 4.3.	B11, B16, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	18
Dinitro-o-cresol, <i>solid</i>	6.1	UN1598	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	
Dinitro-o-cresol, <i>solution</i>	6.1	UN1598	II	6.1	IB2, IP2, IP4, T7, TP2	None	202	243	5 L	60 L	A	
1,3-Dinitro-5,5-dimethylhydantoin.	Forbidden											
Dinitro-7,8-dimethylglycoluril (dry).	Forbidden											
1,3-Dinitro-4,5-dinitrosobenzene	Forbidden											
1,4-Dinitro-1,1,4,4-tetramethylbutanetetranitrate (dry).	Forbidden											
2,4-Dinitro-1,3,5-trimethylbenzene.	Forbidden											
Dinitroanilines	6.1	UN1596	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	91
Dinitrobenzenes, <i>liquid</i>	6.1	UN1597	II	6.1	11, IB2, T7, TP2	None	202	243	5 L	60 L	A	91
Dinitrobenzenes, <i>solid</i>	6.1	UN1597	II	6.1	11, IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	91
Dinitrochlorobenzene, <i>see</i> Chlorodinitrobenzene.												
1,2-Dinitroethane	Forbidden											
1,1-Dinitroethane (dry)	Forbidden											
Dinitrogen tetroxide	2.3	UN1067		2.3, 5.1, 8.	1, B7, B14, B45, B46, B61, B66, B67, B77, T50, TP21	None	336	314	Forbidden	Forbidden	D	40, 89, 90
Dinitroglucuril or Dingu	1.1D	UN0489	II	1.1D		None	62	None	Forbidden	Forbidden	10	
Dinitromethane	Forbidden											
Dinitrophenol, <i>dry or wetted with less than 15 percent water, by mass.</i>	1.1D	UN0076	II	1.1D, 6.1.		None	62	None	Forbidden	Forbidden	10	5E
Dinitrophenol solutions	6.1	UN1599	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	36
			III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	36
Dinitrophenol, <i>wetted with not less than 15 percent water, by mass.</i>	4.1	UN1320	I	4.1, 6.1.	23, A8, A19, A20, N41	None	211	None	1 kg	15 kg	E	28, 36
Dinitrophenolates <i>alkali metals, dry or wetted with less than 15 percent water, by mass.</i>	1.3C	UN0077	II	1.3C, 6.1.		None	62	None	Forbidden	Forbidden	10	5E
Dinitrophenolates, <i>wetted with not less than 15 percent water, by mass.</i>	4.1	UN1321	I	4.1, 6.1.	23, A8, A19, A20, N41	None	211	None	1 kg	15 kg	E	28, 36

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	<i>Dinitropropylene glycol</i>	Forbidden			.....		.....	.....	.....	.....	.....		.....
	<i>Dinitroresorcinol, dry or wetted with less than 15 percent water, by mass.</i>	1.1D	UN0078	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	5E
	<i>2,4-Dinitroresorcinol (heavy metal salts of) (dry).</i>	Forbidden			.....		.....	.....	.....	.....	.....		.....
	<i>4,6-Dinitroresorcinol (heavy metal salts of) (dry).</i>	Forbidden			.....		.....	.....	.....	.....	.....		.....
	<i>Dinitroresorcinol, wetted with not less than 15 percent water, by mass.</i>	4.1	UN1322	I	4.1	23, A8, A19, A20, N41	None	211	None	1 kg	15 kg	E	28, 36
	<i>3,5-Dinitrosalicylic acid (lead salt) (dry).</i>	Forbidden			.....		.....	.....	.....	.....	.....		.....
	<i>Dinitrosobenzene</i>	1.3C	UN0406	II	1.3C ..		None	62	None	Forbidden	Forbidden	10	.....
	<i>Dinitrosobenzylamidine and salts of (dry).</i>	Forbidden			.....		.....	.....	.....	.....	.....		.....
	<i>2,2-Dinitrostilbene</i>	Forbidden			.....		.....	.....	.....	.....	.....		.....
	<i>Dinitrotoluenes, liquid</i>	6.1	UN2038	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	<i>Dinitrotoluenes, molten</i>	6.1	UN1600	II	6.1	T7, TP3	None	202	243	Forbidden	Forbidden	C	.....
	<i>Dinitrotoluenes, solid</i>	6.1	UN2038	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
	<i>1,9-Dinitroxy pentamethylene-2,4, 6,8-tetramine (dry).</i>	Forbidden			.....		.....	.....	.....	.....	.....		.....
	<i>Dioxane</i>	3	UN1165	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Dioxolane</i>	3	UN1166	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	<i>Dipentene</i>	3	UN2052	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Diphenylamine chloroarsine</i>	6.1	UN1698	I	6.1		None	201	None	Forbidden	Forbidden	D	40
	<i>Diphenylchloroarsine, liquid</i>	6.1	UN1699	I	6.1	A8, B14, B32, N33, N34, T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	D	40
	<i>Diphenylchloroarsine, solid</i>	6.1	UN1699	I	6.1	A8, B14, B32, IB7, IP1, N33, N34	None	211	242	Forbidden	15 kg	D	40
	<i>Diphenyldichlorosilane</i>	8	UN1769	II	8	A7, B2, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40
	<i>Diphenylmethyl bromide</i>	8	UN1770	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	D	40

	Dipicryl sulfide, <i>dry or wetted with less than 10 percent water, by mass.</i>	1.1D	UN0401	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Dipicryl sulfide, <i>wetted with not less than 10 percent water, by mass.</i>	4.1	UN2852	I	4.1	A2, N41	None	211	None	Forbidden	0.5 kg	D	28
	Dipicrylamine, <i>see</i> Hexanitrodiphenylamine.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Dipropionyl peroxide, <i>with more than 28 percent in solution.</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Di-n-propyl ether	3	UN2384	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Dipropyl ketone	3	UN2710	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Dipropylamine	3	UN2383	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	.....
G	Disinfectant, liquid, corrosive, n.o.s..	8	UN1903	I	8	A7, B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	B	.....
G	Disinfectants, liquid, corrosive n.o.s..	8	UN1903	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	B	.....

G	Disinfectants, liquid, toxic, n.o.s..	6.1	UN3142	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	.....	.....	.....	I	6.1	A4, T14, TP2, TP27	None	201	243	1 L	30 L	A	40
	.....	.....	.....	II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L	A	40
	.....	.....	.....	III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	40
G	Disinfectants, solid, toxic, n.o.s..	6.1	UN1601	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
G	Dispersant gases, n.o.s. <i>see</i> Refrigerant gases, n.o.s..	8	UN3253	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....

	Divinyl ether, stabilized	3	UN1167	I	3	T11, TP2	None	201	243	1 L	30 L	E	40
	Dodecyltrichlorosilane	8	UN1771	II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40

	Dry ice, <i>see</i> Carbon dioxide, solid.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
G	Dyes, liquid, corrosive, n.o.s. or Dye intermediates, liquid, corrosive, n.o.s..	8	UN2801	I	8	11, B10, T14, TP2, TP27	None	201	243	0.5 L	2.5 L	A	.....
	.....	.....	.....	II	8	11, B2, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	A	.....
	.....	.....	.....	III	8	11, IB3, T7, TP1, TP28	154	203	241	5 L	60 L	A	.....
G	Dyes, liquid, toxic, n.o.s. or Dye intermediates, liquid, toxic, n.o.s..	6.1	UN1602	II	6.1	IB2	None	202	243	5 L	60 L	A	.....
	.....	.....	.....	III	6.1	IB3	153	203	241	60 L	220 L	A	.....
G	Dyes, solid, corrosive, n.o.s. or Dye intermediates, solid, corrosive, n.o.s..	8	UN3147	I	8	IB7, IP1	None	211	242	1 kg	25 kg	A	.....
	.....	.....	.....	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....

	<i>Etching acid, liquid, n.o.s., see Hydrofluoric acid, solution etc.</i>												
	Ethane	2.1	UN1035		2.1		306	304	302	Forbidden	150 kg	E	40
D	Ethane-Propane mixture, refrigerated liquid.	2.1	NA1961		2.1	T75, TP5	None	316	314, 315.	Forbidden	Forbidden	D	40
	Ethane, refrigerated liquid	2.1	UN1961		2.1	T75, TP5	None	None	315	Forbidden	Forbidden	D	40
	<i>Ethanol amine dinitrate</i>	Forbidden											
	Ethanol or Ethyl alcohol or Ethanol solutions or Ethyl alcohol solutions.	3	UN1170	II	3	24, IB2, T4, TP1	150	202	242	5 L	60 L	A	
				III	3	24, B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Ethanolamine or Ethanolamine solutions.	8	UN2491	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	
	<i>Ether, see Diethyl ether</i>												
	Ethers, n.o.s.	3	UN3271	II	3	IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B	
				III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	
	Ethyl acetate	3	UN1173	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Ethyl acrylate, stabilized	3	UN1917	II	3	IB2, T4, TP1, TP13	150	202	242	5 L	60 L	B	40
	Ethyl alcohol, <i>see</i> Ethanol												
	<i>Ethyl aldehyde, see</i> Acetaldehyde.												
	Ethyl amyl ketone	3	UN2271	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	N-Ethyl-N-benzylaniline	6.1	UN2274	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	
	Ethyl borate	3	UN1176	III	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Ethyl bromide	6.1	UN1891	II	6.1	IB2, T7, TP2, TP13	None	202	243	5 L	60 L	B	40, 85
	Ethyl bromoacetate	6.1	UN1603	II	6.1, 3	IB2, T7, TP2	None	202	243	Forbidden	Forbidden	D	40
	Ethyl butyl ether	3	UN1179	II	3	B1, IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Ethyl butyrate	3	UN1180	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Ethyl chloride	2.1	UN1037		2.1	B77, T50	None	322	314, 315.	Forbidden	150 kg	B	40
	Ethyl chloroacetate	6.1	UN1181	II	6.1, 3	IB2, T7, TP2	None	202	243	5 L	60 L	A	
	Ethyl chloroformate	6.1	UN1182	I	6.1, 3, 8.	2, A3, A6, A7, B9, B14, B32, B74, N34, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	21, 40, 100
	Ethyl 2-chloropropionate	3	UN2935	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
+	Ethyl chlorothioformate	8	UN2826	II	8, 6.1, 3.	2, B9, B14, B32, B74, T20, TP2, TP38, TP45	None	227	244	Forbidden	Forbidden	A	40
	Ethyl crotonate	3	UN1862	II	3	IB2, T4, TP2	150	202	242	5 L	60 L	B	
	Ethyl ether, <i>see</i> Diethyl ether												
	Ethyl fluoride or Refrigerant gas R161.	2.1	UN2453		2.1		306	304	314, 315.	Forbidden	150 kg	E	40
	Ethyl formate	3	UN1190	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
+	<i>Ethyl hydroperoxide</i>	Forbidden			.....		.....	.....	.....	.....	.....		.....
	<i>Ethyl isobutyrate</i>	3	UN2385	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Ethyl isocyanate</i>	3	UN2481	I	3, 6.1	1, A7, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40
	<i>Ethyl lactate</i>	3	UN1192	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Ethyl mercaptan</i>	3	UN2363	I	3	T11, TP2, TP13	None	201	243	Forbidden	30 L	E	95, 102
	<i>Ethyl methacrylate, stabilized</i>	3	UN2277	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Ethyl methyl ether</i>	2.1	UN1039	.....	2.1	.....	None	201	314, 315.	Forbidden	150 kg	B	40
	<i>Ethyl methyl ketone or Methyl ethyl ketone.</i>	3	UN1193	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Ethyl nitrite solutions</i>	3	UN1194	I	3, 6.1	.....	None	201	None	Forbidden	Forbidden	E	40, 105
	<i>Ethyl orthoformate</i>	3	UN2524	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
<i>Ethyl oxalate</i>	6.1	UN2525	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
<i>Ethyl perchlorate</i>	Forbidden				.....	.....	.....	.....	.....	.....		.....
D	<i>Ethyl phosphonothioic dichloride, anhydrous.</i>	6.1	NA2927	I	6.1, 8	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
D	<i>Ethyl phosphonous dichloride, anhydrous pyrophoric liquid.</i>	6.1	NA2845	I	6.1, 4.2.	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	18
D	<i>Ethyl phosphorodichloridate</i>	6.1	NA2927	I	6.1, 8	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	<i>Ethyl propionate</i>	3	UN1195	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Ethyl propyl ether</i>	3	UN2615	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
	<i>Ethyl silicate, see Tetraethyl sili- cate.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Ethylacetylene, stabilized</i>	2.1	UN2452	.....	2.1	.....	None	304	314, 315.	Forbidden	150 kg	B	40
	<i>Ethylamine</i>	2.1	UN1036	.....	2.1	B77, T50	None	321	314, 315.	Forbidden	150 kg	D	40

Ethylamine, aqueous solution with not less than 50 percent but not more than 70 percent ethylamine.	3	UN2270	II	3, 8	....	IB2, T7, TP1	None	....	202	.....	243	.....	1 L	5 L	B	40
N-Ethylaniline	6.1	UN2272	III	6.1	.....	IB3, T4, TP1	153	.....	203	.....	241	.....	60 L	220 L	A	.....
2-Ethylaniline	6.1	UN2273	III	6.1	.....	IB3, T4, TP1	153	.....	203	.....	241	.....	60 L	220 L	A	.....
Ethylbenzene	3	UN1175	II	3	.....	IB2, T4, TP1	150	.....	202	.....	242	.....	5 L	60 L	B	.....
N-Ethylbenzyltoluidines liquid	6.1	UN2753	III	6.1	.....	IB3, T7, TP1	153	.....	203	.....	241	.....	60 L	220 L	A	.....
N-Ethylbenzyltoluidines solid	6.1	UN2753	III	6.1	.....	IB8, IP3, T7, TP1	153	.....	213	.....	240	.....	100 kg	200 kg	A	.....
2-Ethylbutanol	3	UN2275	III	3	.....	B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	.....
2-Ethylbutyl acetate	3	UN1177	III	3	.....	B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	.....
2-Ethylbutylaldehyde	3	UN1178	II	3	.....	B1, IB2, T4, TP1	150	.....	202	.....	242	.....	5 L	60 L	B	.....
Ethylchloroarsine	6.1	UN1892	I	6.1	.....	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	....	227	.....	244	.....	Forbidden	Forbidden	D	40
Ethylchlorosilane	4.3	UN1183	I	4.3, 8, 3.	.....	A2, A3, A7, N34, T10, TP2, TP7, TP13	None	....	201	.....	244	.....	Forbidden	1 L	D	21, 28, 40, 49, 100
Ethylene	2.1	UN1962	.....	2.1	.....	.....	306	.....	304	.....	302	.....	Forbidden	150 kg	E	40
Ethylene, acetylene and propylene in mixture, refrigerated liquid with at least 71.5 percent ethylene with not more than 22.5 percent acetylene and not more than 6 percent propylene.	2.1	UN3138	.....	2.1	.....	T75, TP5	None	....	304	.....	314, 315.	.....	Forbidden	Forbidden	D	40
Ethylene chlorohydrin	6.1	UN1135	I	6.1, 3	.....	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	....	227	.....	244	.....	Forbidden	Forbidden	D	40
Ethylene diamine diperchlorate	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ethylene dibromide	6.1	UN1605	I	6.1	.....	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	....	227	.....	244	.....	Forbidden	Forbidden	D	40
Ethylene dibromide and methyl bromide liquid mixtures, see Methyl bromide and ethylene dibromide, liquid mixtures.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ethylene dichloride	3	UN1184	II	3, 6.1	.....	IB2, T7, TP1	None	....	202	.....	243	.....	1 L	60 L	B	40
Ethylene glycol diethyl ether	3	UN1153	II	3	.....	IB2, T4, TP1	150	.....	202	.....	242	.....	5 L	60 L	A	.....
Ethylene glycol diethyl ether	3	UN1153	III	3	.....	B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	.....
Ethylene glycol dinltrate	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ethylene glycol monoethyl ether	3	UN1171	III	3	.....	B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	.....
Ethylene glycol monoethyl ether acetate.	3	UN1172	III	3	.....	B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	.....
Ethylene glycol monomethyl ether.	3	UN1188	III	3	.....	B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Ethylene glycol monomethyl ether acetate.	3	UN1189	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Ethylene oxide and carbon dioxide mixture with more than 87 percent ethylene oxide.	2.3	UN3300	.....	2.3, 2.1.	4	None	304	314, 315.	Forbidden	Forbidden	D	40
	Ethylene oxide and carbon dioxide mixtures with more than 9 percent but not more than 87 percent ethylene oxide.	2.1	UN1041	.....	2.1	T50	306	304	314, 315.	Forbidden	25 kg	B	40
	Ethylene oxide and carbon dioxide mixtures with not more than 9 percent ethylene oxide.	2.2	UN1952	.....	2.2		306	304	314, 315.	75 kg	150 kg	A	.....
	Ethylene oxide and chlorotetrafluoroethane mixture with not more than 8.8 percent ethylene oxide.	2.2	UN3297	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Ethylene oxide and dichlorodifluoromethane mixture, with not more than 12.5 percent ethylene oxide.	2.2	UN3070	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Ethylene oxide and pentafluoroethane mixture with not more than 7.9 percent ethylene oxide.	2.2	UN3298	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Ethylene oxide and propylene oxide mixtures, with not more than 30 percent ethylene oxide.	3	UN2983	I	3, 6.1	5, A11, N4, N34, T14, TP2, TP7, TP13	None	201	243	Forbidden	30 L	E	40
	Ethylene oxide and tetrafluoroethane mixture with not more than 5.6 percent ethylene oxide.	2.2	UN3299	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
	Ethylene oxide or Ethylene oxide with nitrogen up to a total pressure of 1MPa (10 bar) at 50 degrees C.	2.3	UN1040	.....	2.3, 2.1.	4, T50, TP20	None	323	323	Forbidden	25 kg	D	40
	Ethylene, refrigerated liquid (cryogenic liquid).	2.1	UN1038	.....	2.1	T75, TP5	None	316	318, 319.	Forbidden	Forbidden	D	40
	Ethylenediamine	8	UN1604	II	8, 3	IB2, T7, TP2	154	202	243	1 L	30 L	A	40

Ethyleneimine, stabilized	6.1	UN1185	I	6.1, 3	1, B9, B14, B30, B72, B77, N25, N32, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40
<i>Ethylhexaldehyde, see Octyl aldehydes etc.</i>												
2-Ethylhexyl chloroformate	6.1	UN2748	II	6.1, 8	IB2, T7, TP2, TP13	None	202	243	1 L	30 L	A	12, 13, 21, 25, 40, 100
2-Ethylhexylamine	3	UN2276	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	40
Ethylphenyldichlorosilane	8	UN2435	II	8	A7, B2, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	
1-Ethylpiperidine	3	UN2386	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	
N-Ethyltoluidines	6.1	UN2754	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	
Ethyltrichlorosilane	3	UN1196	II	3, 8	A7, IB1, N34, T7, TP2, TP13	None	202	243	1 L	5 L	B	40
<i>Etiologic agent, see Infectious substances, etc.</i>												
<i>Explosive articles, see Articles, explosive, n.o.s. etc.</i>												
Explosive, blasting, type A	1.1D	UN0081	II	1.1D		None	62	None	Forbidden	Forbidden	10	21E
Explosive, blasting, type B	1.1D	UN0082	II	1.1D		None	62	None	Forbidden	Forbidden	10	
Explosive, blasting, type B or Agent blasting, Type B	1.5D	UN0331	II	1.5D	105, 106	None	62	None	Forbidden	Forbidden	10	
Explosive, blasting, type C	1.1D	UN0083	II	1.1D	123	None	62	None	Forbidden	Forbidden	10	22E
Explosive, blasting, type D	1.1D	UN0084	II	1.1D		None	62	None	Forbidden	Forbidden	10	
Explosive, blasting, type E	1.1D	UN0241	II	1.1D		None	62	None	Forbidden	Forbidden	10	19E
Explosive, blasting, type E or Agent blasting, Type E	1.5D	UN0332	II	1.5D	105, 106	None	62	None	Forbidden	Forbidden	10	
<i>Explosive, forbidden. See § 173.54.</i>	Forbidden											
<i>Explosive substances, see Substances, explosive, n.o.s. etc.</i>												
<i>Explosives, slurry, see Explosive, blasting, type E.</i>												
<i>Explosives, water gels, see Explosive, blasting, type E.</i>												
Extracts, aromatic, liquid	3	UN1169	II	3	149, IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	
Extracts, flavoring, liquid	3	UN1197	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
			II	3	149, IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	
.....			III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
<i>Fabric with animal or vegetable oil, see Fibers or fabrics, etc.</i>												
Ferric arsenate	6.1	UN1606	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	
Ferric arsenite	6.1	UN1607	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	
Ferric chloride, anhydrous	8	UN1773	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Ferric chloride, solution	8	UN2582	III	8	B15, IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Ferric nitrate	5.1	UN1466	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Ferrocerium	4.1	UN1323	II	4.1	59, A19, IB8, IP2, IP4	151	212	240	15 kg	50 kg	A	.....
	Ferrosilicon, with 30 percent or more but less than 90 percent silicon.	4.3	UN1408	III	4.3, 6.1.	A1, A19, IB8, IP4	151	213	240	25 kg	100 kg	A	13, 40, 85, 103
	Ferrous arsenate	6.1	UN1608	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
D	Ferrous chloride, solid	8	NA1759	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....
D	Ferrous chloride, solution	8	NA1760	II	8	B3, IB2, T11, TP2, TP27	154	202	242	1 L	30 L	B	40
	Ferrous metal borings or Ferrous metal shavings or Ferrous metal turnings or Ferrous metal cuttings in a form liable to self-heating.	4.2	UN2793	III	4.2	A1, A19, IB8, IP3, IP6	None	213	241	25 kg	100 kg	A	.....
	Fertilizer ammoniating solution with free ammonia.	2.2	UN1043	.....	2.2 ....	.....	306	304	314, 315.	Forbidden	150 kg	E	40
A, I, W	Fibers, animal or Fibers, vegetable burnt, wet or damp.	4.2	UN1372	III	4.2 ....	.....	151	213	240	Forbidden	Forbidden	A	.....
A W	Fibers or Fabrics, animal or vegetable or Synthetic, n.o.s. with animal or vegetable oil.	4.2	UN1373	III	4.2	137, IB8, IP3	None	213	241	Forbidden	Forbidden	A	.....
	Fibers or Fabrics impregnated with weakly nitrated nitrocellulose, n.o.s..	4.1	UN1353	III	4.1	A1, IB8, IP3	None	213	240	25 kg	100 kg	D	.....
I, W	Fibers, vegetable, dry	4.1	UN3360	III	4.1 .....	.....	151	213	240	No limit	No limit	A	.....
	Films, nitrocellulose base, from which gelatine has been removed; film scrap, see Cel-luloid scrap.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Films, nitrocellulose base, gela-tine coated (except scrap).	4.1	UN1324	III	4.1 ....	.....	None	183	None	25 kg	100 kg	D	91
	Fire extinguisher charges, corro-sive liquid.	8	UN1774	II	8	N41	154	202	None	1 L	30 L	A	.....
	Fire extinguisher charges, expel-ling, explosive, see Car-tridges, power device.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

	Fire extinguishers containing compressed or liquefied gas.	2.2	UN1044	.....	2.2	.....	18, 110	309	.....	309	.....	None	.....	75 kg	150 kg	A	.....
	Firelighters, solid with flammable liquid.	4.1	UN2623	III	4.1	.....	A1, A19	None	.....	213	.....	None	.....	25 kg	100 kg	A	.....
	Fireworks	1.1G	UN0333	II	1.1G	..	108	None	.....	62	.....	None	.....	Forbidden	Forbidden	07	.....
	Fireworks	1.2G	UN0334	II	1.2G	..	108	None	.....	62	.....	None	.....	Forbidden	Forbidden	07	.....
	Fireworks	1.3G	UN0335	II	1.3G	..	108	None	.....	62	.....	None	.....	Forbidden	Forbidden	07	.....
	Fireworks	1.4G	UN0336	II	1.4G	..	108	None	.....	62	.....	None	.....	Forbidden	75 kg	06	.....
	Fireworks	1.4S	UN0337	II	1.4S	..	108	None	.....	62	.....	None	.....	25 kg	100 kg	05	.....
	First aid kits	9	UN3316	.....	9	.....	15	161	.....	161	.....	None	.....	10 kg	10 kg	A	.....
W	Fish meal, stabilized or Fish scrap, stabilized.	9	UN2216	III	.....	.....	155, IB8	155	.....	218	.....	218	.....	No limit	No limit	B	88, 122, 128
	Fish meal, unstabilized or Fish scrap, unstabilized.	4.2	UN1374	II	4.2	.....	155, A1, A19, IB8, IP2	None	.....	212	.....	241	.....	15 kg	50 kg	B	88, 122, 128
	Fissile radioactive materials, see Radioactive material, fissile, n.o.s..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Flammable compressed gas, see Compressed or Liquefied gas, flammable, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Flammable compressed gas (small receptacles not fitted with a dispersion device, not refillable), see Receptacles, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Flammable gas in lighters, see Lighters or lighter refills, cigarettes, containing flammable gas.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
G	Flammable liquid, toxic, corrosive, n.o.s..	3	UN3286	I	3, 6.1, 8.	.....	T14, TP2, TP13, TP27	None	.....	201	.....	243	.....	Forbidden	2.5 L	E	21, 40, 100
	.....	.....	.....	II	3, 6.1, 8.	.....	IB2, T11, TP2, TP13, TP27	None	.....	202	.....	243	.....	1 L	5 L	B	21, 40, 100
G	Flammable liquids, corrosive, n.o.s..	3	UN2924	I	3, 8	.....	T14, TP2	None	.....	201	.....	243	.....	0.5 L	2.5 L	E	40
	.....	.....	.....	II	3, 8	.....	IB2, T11, TP2, TP27	None	.....	202	.....	243	.....	1 L	5 L	B	40
	.....	.....	.....	III	3, 8	.....	B1, IB3, T7, TP1, TP28	150	.....	203	.....	242	.....	5 L	60 L	A	40
G	Flammable liquids, n.o.s	3	UN1993	I	3	.....	T11, TP1, TP27	150	.....	201	.....	243	.....	1 L	30 L	E	.....
	.....	.....	.....	II	3	.....	IB2, T7, TP1, TP8, TP28	150	.....	202	.....	242	.....	5 L	60 L	B	.....
	.....	.....	.....	III	3	.....	B1, B52, IB3, T4, TP1, TP29	150	.....	203	.....	242	.....	60 L	220 L	A	.....
G	Flammable liquids, toxic, n.o.s. ..	3	UN1992	I	3, 6.1	.....	T14, TP2, TP13, TP27	None	.....	201	.....	243	.....	Forbidden	30 L	E	40
	.....	.....	.....	II	3, 6.1	.....	IB2, T7, TP2, TP13	None	.....	202	.....	243	.....	1 L	60 L	B	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	.....	.....		III	3, 6.1	B1, IB3, T7, TP1, TP28	150	203	242	60 L	220 L	A	.....
G	Flammable solid, corrosive, inor- ganic, n.o.s..	4.1	UN3180	II	4.1, 8	A1, IB6, IP2	151	212	242	15 kg	50 kg	D	40
	.....	.....		III	4.1, 8	A1, IB6	151	213	242	25 kg	100 kg	D	40
G	Flammable solid, inorganic, n.o.s..	4.1	UN3178	II	4.1	A1, IB8, IP2, IP4	151	212	240	15 kg	50 kg	B	.....
	.....	.....		III	4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	B	.....
G	Flammable solid, organic, mol- ten, n.o.s..	4.1	UN3176	II	4.1	IB1, T3, TP3, TP26	151	212	240	Forbidden	Forbidden	C	.....
	.....	.....		III	4.1	IB1, T1, TP3, TP26	151	213	240	Forbidden	Forbidden	C	.....
G	Flammable solid, oxidizing, n.o.s..	4.1	UN3097	II	4.1, 5.1.	131	None	214	214	Forbidden	Forbidden	E	40
	.....	.....		III	4.1, 5.1.	131	None	214	214	Forbidden	Forbidden	D	40
G	Flammable solid, toxic, inor- ganic, n.o.s..	4.1	UN3179	II	4.1, 6.1.	A1, IB6, IP2	151	212	242	15 kg	50 kg	B	40
	.....	.....		III	4.1, 6.1.	A1, IB6	151	213	242	25 kg	100 kg	B	40
G	Flammable solids, corrosive, or- ganic, n.o.s..	4.1	UN2925	II	4.1, 8	A1, IB6, IP2	None	212	242	15 kg	50 kg	D	40
	.....	.....		III	4.1, 8	A1, IB6	151	213	242	25 kg	100 kg	D	40
G	Flammable solids, organic, n.o.s..	4.1	UN1325	II	4.1	A1, IB8, IP2, IP4, T3, TP1	151	212	240	15 kg	50 kg	B	.....
	.....	.....		III	4.1	A1, IB8, IP3, T1, TP1	151	213	240	25 kg	100 kg	B	.....
G	Flammable solids, toxic, organic, n.o.s..	4.1	UN2926	II	4.1, 6.1.	A1, IB6, IP2	None	212	242	15 kg	50 kg	B	40
	.....	.....		III	4.1, 6.1.	A1, IB6	151	213	242	25 kg	100 kg	B	40
	Flares, aerial	1.3G	UN0093	II	1.3G ..		None	62	None	Forbidden	75 kg	07	.....
	Flares, aerial	1.4G	UN0403	II	1.4G ..		None	62	None	Forbidden	75 kg	06	.....
	Flares, aerial	1.4S	UN0404	II	1.4S ..		None	62	None	25 kg	100 kg	05	.....
	Flares, aerial	1.1G	UN0420	II	1.1G ..		None	62	None	Forbidden	Forbidden	07	.....
	Flares, aerial	1.2G	UN0421	II	1.2G ..		None	62	None	Forbidden	Forbidden	07	.....
	<i>Flares, airplane, see</i> Flares, aer- ial.												

<i>Flares, signal, see</i> Cartridges, signal.													
Flares, surface	1.3G	UN0092	II	1.3G ..	None	62	None	Forbidden	75 kg	07			
Flares, surface	1.1G	UN0418	II	1.1G ..	None	62	None	Forbidden	Forbidden	07			
Flares, surface	1.2G	UN0419	II	1.2G ..	None	62	None	Forbidden	Forbidden	07			
<i>Flares, water-activated, see</i> Contrivances, water-activated, etc.													
Flash powder	1.1G	UN0094	II	1.1G ..	None	62	None	Forbidden	Forbidden	15			
Flash powder	1.3G	UN0305	II	1.3G ..	None	62	None	Forbidden	Forbidden	15			
<i>Flue dusts, poisonous, see</i> Arsenical dust.													
<i>Fluoric acid, see</i> Hydrofluoric acid, etc.													
Fluorine, compressed	2.3	UN1045		2.3, 5.1, 8.	1	None	302	None	Forbidden	Forbidden	D	40, 89, 90	
Fluoroacetic acid	6.1	UN2642	I	6.1	IB7, IP1	None	211	242	1 kg	15 kg	E		
Fluoroanilines	6.1	UN2941	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A		
Fluorobenzene	3	UN2387	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B		
Fluoroboric acid	8	UN1775	II	8	A6, A7, B2, B15, IB2, N3, N34, T7, TP2	154	202	242	1 L	30 L	A		
Fluorophosphoric acid anhydrous.	8	UN1776	II	8	A6, A7, B2, IB2, N3, N34, T8, TP2, TP12	None	202	242	1 L	30 L	A		
Fluorosilicates, n.o.s.	6.1	UN2856	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	26	
Fluorosilicic acid	8	UN1778	II	8	A6, A7, B2, B15, IB2, N3, N34, T8, TP2, TP12	None	202	242	1 L	30 L	A		
Fluorosulfonic acid	8	UN1777	I	8	A3, A6, A7, A10, B6, B10, N3, T10, TP2, TP12	None	201	243	0.5 L	2.5 L	D	40	
Fluorotoluenes	3	UN2388	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40	
<i>Forbidden materials. See § 173.21.</i>	Forbidden												
Formaldehyde, solutions, flammable.	3	UN1198	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	40	
Formaldehyde, solutions, with not less than 25 percent formaldehyde.	8	UN2209	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A		
<i>Formalin, see</i> Formaldehyde, solutions.													
Formic acid	8	UN1779	II	8	B2, B28, IB2, T7, TP2	154	202	242	1 L	30 L	A	40	
Fracturing devices, explosive, without detonators for oil wells.	1.1D	UN0099	II	1.1D ..		None	62	None	Forbidden	Forbidden	07		
Fuel, aviation, turbine engine	3	UN1863	I	3	144, T11, TP1, TP8	150	201	243	1 L	30 L	E		

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
D	Fuel Oil (No. 1, 2, 4, 5, or 6)	3	NA 1993	II	3	144, IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
	<i>Fuel system components (in- cluding fuel control units (FCU), carburetors, fuel lines, fuel pumps) see Dangerous Goods in Apparatus or Dan- gerous Goods in Machinery.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Fulminate of mercury (dry)</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Fulminate of mercury, wet, see Mercury fulminate, etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Fulminating gold</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Fulminating mercury</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Fulminating platinum</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Fulminating silver</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Fulminic acid</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Fumaryl chloride	8	UN1780	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	C	8, 40
	<i>Fumigated lading, see §§ 172.302(g), 173.9 and 176.76(h).</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Fumigated transport vehicle or freight container see 173.9.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Furaldehydes	6.1	UN1199	II	6.1, 3	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	Furan	3	UN2389	I	3	T12, TP2, TP13	None	201	243	1 L	30 L	E	40
	Furfuryl alcohol	6.1	UN2874	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	26, 74
	Furfurylamine	3	UN2526	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	40
	Fuse, detonating, metal clad, see Cord, detonating, metal clad.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Fuse, detonating, mild effect, metal clad, see Cord, deto- nating, mild effect, metal clad.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Fuse, igniter tubular metal clad	1.4G	UN0103	II	1.4G ..	.....	None	62	None	Forbidden	75 kg	06	.....
	Fuse, non-detonating instanta- neous or quickmatch.	1.3G	UN0101	II	1.3G ..	.....	None	62	None	Forbidden	Forbidden	07	.....

D	Fuse, safety	1.4S	UN0105	II	1.4S ...		None	62	None	25 kg	100 kg	O5	.....
	Fusee (railway or highway)	4.1	NA1325	II	4.1		None	184	None	15 kg	50 kg	B	.....
	Fusel oil	3	UN1201	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	.....			III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Fuses, tracer, see Tracers for ammunition.</i>												
	<i>Fuzes, combination, percussion and time, see Fuzes, detonating (UN0257, UN0367); Fuzes, igniting (UN0317, UN0368).</i>												
	Fuzes, detonating	1.1B	UN0106	II	1.1B ...		None	62	None	Forbidden	Forbidden	11	.....
	Fuzes, detonating	1.2B	UN0107	II	1.2B ...		None	62	None	Forbidden	Forbidden	11	.....
	Fuzes, detonating	1.4B	UN0257	II	1.4B ...	116	None	62	None	Forbidden	75 kg	O6	.....
	Fuzes, detonating	1.4S	UN0367	II	1.4S ...	116	None	62	None	25 kg	100 kg	O5	.....
	Fuzes, detonating, with protective features.	1.1D	UN0408	II	1.1D ...		None	62	None	Forbidden	Forbidden	O7	.....
	Fuzes, detonating, with protective features.	1.2D	UN0409	II	1.2D ..		None	62	None	Forbidden	Forbidden	O7	.....
	Fuzes, detonating, with protective features.	1.4D	UN0410	II	1.4D ..	116	None	62	None	Forbidden	75 kg	O6	.....
	Fuzes, igniting	1.3G	UN0316	II	1.3G ..		None	62	None	Forbidden	Forbidden	O7	.....
	Fuzes, igniting	1.4G	UN0317	II	1.4G ..		None	62	None	Forbidden	75 kg	O6	.....
	Fuzes, igniting	1.4S	UN0368	II	1.4S ...		None	62	None	25 kg	100 kg	O5	.....
	<i>Galactsan trinitrate</i>	Forbidden											
	Gallium	8	UN2803	III	8		None	162	240	20 kg	20 kg	B	48
	Gas cartridges, (flammable) without a release device, non-refillable.	2.1	UN2037	.....	2.1		306	304	None	1 kg	15 kg	B	40
	Gas generator assemblies (aircraft), containing a non-flammable non-toxic gas and a propellant cartridge.	2.2		.....	2.2		None	335	None	75 kg	150 kg	A	.....
D	Gas identification set	2.3	NA9035	.....	2.3	6	None	194	None	Forbidden	Forbidden	D	.....
	Gas oil	3	UN1202	III	3	144, B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
G	Gas, refrigerated liquid, flammable, n.o.s. (cryogenic liquid).	2.1	UN3312	.....	2.1	T75, TP5	None	316	318	Forbidden	Forbidden	D	40
G	Gas, refrigerated liquid, n.o.s. (cryogenic liquid).	2.2	UN3158	.....	2.2	T75, TP5	320	316	318	50 kg	500 kg	D	.....
G	Gas, refrigerated liquid, oxidizing, n.o.s. (cryogenic liquid).	2.2	UN3311	.....	2.2, 5.1.	T75, TP5	320	316	318	Forbidden	Forbidden	D	.....
	Gas sample, non-pressurized, flammable, n.o.s., not refrigerated liquid.	2.1	UN3167	.....	2.1		306	302, 304.	None	1 L	5 L	D	.....
	Gas sample, nonpressurized, toxic, flammable, n.o.s., not refrigerated liquid.	2.3	UN3168	.....	2.3, 2.1.	6	306	302	None	Forbidden	1 L	D	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
D	Gas sample, nonpressurized, toxic, n.o.s., <i>not refrigerated liquid.</i>	2.3	UN3169	.....	2.3	6	306	302, 304.	None	Forbidden	1 L	D	.....
	Gasohol <i>gasoline mixed with ethyl alcohol, with not more than 20 percent alcohol.</i>	3	NA1203	II	3	144.	150	202	242	5 L	60 L	E	.....
	Gasoline	3	UN1203	II	3	139, B33, B1, T8	150	202	242	5 L	60 L	E	.....
	<i>Gasoline, casinghead, see Gasoline.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Gelatine, blasting, see Explosive, blasting, type A.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Gelatine dynamites, see Explosive, blasting, type A.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Germane	2.3	UN2192	.....	2.3, 2.1.	2	None	302	245	Forbidden	Forbidden	D	40
	<i>Glycerol-1,3-dinitrate</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Glycerol gluconate trinitrate</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Glycerol lactate trinitrate</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Glycerol alpha-monochlorohydrin	6.1	UN2689	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	<i>Glyceryl trinitrate, see Nitroglycerin, etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Glycidaldehyde	3	UN2622	II	3, 6.1	IB2, T7, TP1	150	202	243	1 L	60 L	A	40
	Grenades, <i>hand or rifle, with bursting charge.</i>	1.1D	UN0284	II	1.1D ..	.....	.....	62	None	Forbidden	Forbidden	07	.....
	Grenades, <i>hand or rifle, with bursting charge.</i>	1.2D	UN0285	II	1.2D ..	.....	.....	62	None	Forbidden	Forbidden	07	.....
	Grenades, <i>hand or rifle, with bursting charge.</i>	1.1F	UN0292	II	1.1F ...	.....	.....	62	None	Forbidden	Forbidden	08	.....
	Grenades, <i>hand or rifle, with bursting charge.</i>	1.2F	UN0293	II	1.2F ...	.....	.....	62	None	Forbidden	Forbidden	08	.....
	<i>Grenades, illuminating, see Ammunition, illuminating, etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Grenades, practice, <i>hand or rifle</i>	1.4S	UN0110	II	1.4S ...	.....	.....	62	None	25 kg	100 kg	05	.....
Grenades, practice, <i>hand or rifle</i>	1.3G	UN0318	II	1.3G ..	.....	.....	62	None	Forbidden	Forbidden	07	.....
Grenades, practice, <i>hand or rifle</i>	1.2G	UN0372	II	1.2G ..	.....	.....	62	None	Forbidden	Forbidden	07	.....
Grenades practice <i>Hand or rifle</i>	1.4G	UN0452	II	1.4G ..	.....	.....	62	None	Forbidden	75 kg	06	.....
<i>Grenades, smoke, see Ammunition, smoke, etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Guanidine nitrate	5.1	UN1467	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	73	

	Guanyl nitrosaminoguanylidene hydrazine (dry).	Forbidden											
	Guanyl nitrosaminoguanylidene hydrazine, wetted with not less than 30 percent water, by mass.	1.1A	UN0113	II	1.1A ...	111, 117	None ...	62	None ...	Forbidden	Forbidden	12	
	Guanyl nitrosaminoguanyltetrazene (dry).	Forbidden											
	Guanyl nitrosaminoguanyltetrazene, wetted or Tetrazene, wetted with not less than 30 percent water or mixture of alcohol and water, by mass.	1.1A	UN0114	II	1.1A ...	111, 117	None ...	62	None ...	Forbidden	Forbidden	12	
	Gunpowder, compressed or Gunpowder in pellets, see Black powder (UN 0028).												
	Gunpowder, granular or as a meal, see Black powder (UN 0027).												
	Hafnium powder, dry	4.2	UN2545	I	4.2		None	211	242	Forbidden	Forbidden	D	
				II	4.2	A19, A20, IB6, IP2, N34	None	212	241	15 kg	50 kg	D	
				III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	D	
	Hafnium powder, wetted with not less than 25 percent water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns.	4.1	UN1326	II	4.1	A6, A19, A20, IB6, IP2, N34	None	212	241	15 kg	50 kg	E	
	Hand signal device, see Signal devices, hand.												
	Hazardous substances, liquid or solid, n.o.s., see Environmentally hazardous substances, etc.												
D	Hazardous waste, liquid, n.o.s. ...	9	NA3082	III	9	IB3, T2, TP1	155	203	241	No limit	No limit	A	
G	Hazardous waste, solid, n.o.s. ...	9	NA3077	III	9	B54, IB8, IP2	155	213	240	No limit	No limit	A	
D	Heating oil, light	3	UN1202	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Helium, compressed	2.2	UN1046		2.2		306	302	302, 314.	75 kg	150 kg	A	85
	Helium-oxygen mixture, see Rare gases and oxygen mixtures.												
	Helium, refrigerated liquid (cryogenic liquid).	2.2	UN1963		2.2	T75, TP5	320	316	318	50 kg	500 kg	B	

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age			
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)		
	Heptafluoropropane or Refrig- erant gas R 227.	2.2	UN3296	.....	2.2	T50	306	.....	304	.....	314, 315.	75 kg	150 kg	A	.....
	n-Heptaldehyde	3	UN3056	III	3	B1, IB3, T2, TP1	150	.....	203	.....	242	60 L	220 L	A	.....
	Heptanes	3	UN1206	II	3	IB2, T4, TP1	150	.....	202	.....	242	5 L	60 L	B	.....
	n-Heptene	3	UN2278	II	3	IB2, T4, TP1	150	.....	202	.....	242	5 L	60 L	B	.....
	Hexachloroacetone	6.1	UN2661	III	6.1	IB3, T4, TP1	153	.....	203	.....	241	60 L	220 L	B	12, 40
	Hexachlorobenzene	6.1	UN2729	III	6.1	IB3	153	.....	203	.....	241	60 L	220 L	A	.....
	Hexachlorobutadiene	6.1	UN2279	III	6.1	IB3, T4, TP1	153	.....	203	.....	241	60 L	220 L	A	.....
	Hexachlorocyclopentadiene	6.1	UN2646	I	6.1	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	.....	227	.....	244	Forbidden	Forbidden	D	40
	Hexachlorophene	6.1	UN2875	III	6.1	IB8, IP3	153	.....	213	.....	240	100 kg	200 kg	A	.....
	Hexadecyltrichlorosilane	8	UN1781	II	8	A7, B2, B6, IB2, N34, T7, TP2	None	.....	202	.....	242	Forbidden	30 L	C	40
	Hexadienes	3	UN2458	II	3	IB2, T4, TP1	None	.....	202	.....	242	5 L	60 L	B	.....
	Hexaethyl tetraphosphate and compressed gas mixtures.	2.3	UN1612	.....	2.3	3	None	.....	334	.....	None	Forbidden	Forbidden	D	40
	Hexaethyl tetraphosphate, liquid	6.1	UN1611	II	6.1	IB2, IP2, IP4, N76	None	.....	202	.....	243	5 L	60 L	E	40
	Hexaethyl tetraphosphate, solid	6.1	UN1611	II	6.1	IB8, IP2, IP4, N76	None	.....	212	.....	242	25 kg	100 kg	E	40
	Hexafluoroacetone	2.3	UN2420	.....	2.3, 8	2, B9, B14	None	.....	304	.....	314, 315.	Forbidden	Forbidden	D	40
	Hexafluoroacetone hydrate	6.1	UN2552	II	6.1	IB2, T7, TP2	None	.....	202	.....	243	5 L	60 L	B	40
	Hexafluoroethane, or Refrigerant gas R116.	2.2	UN2193	.....	2.2	.....	306	.....	304	.....	314, 315.	75 kg	150	A	.....
	Hexafluorophosphoric acid	8	UN1782	II	8	A6, A7, B2, IB2, N3, N34, T8, TP2, TP12	None	.....	202	.....	242	1 L	30 L	A	.....
	Hexafluoropropylene com- pressed or Refrigerant gas R 1216.	2.2	UN1858	.....	2.2	T50	306	.....	304	.....	314, 315.	75 kg	150 kg	A	.....
	Hexaldehyde	3	UN1207	III	3	B1, IB3, T2, TP1	150	.....	203	.....	242	60 L	220 L	A	.....
	Hexamethylene diisocyanate	6.1	UN2281	II	6.1	IB2, T7, TP2, TP13	None	.....	202	.....	243	5 L	60 L	C	13, 40
	Hexamethylene triperoxide diamine (dry).	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Hexamethylenediamine, solid	8	UN2280	III	8	IB8, IP3, T4, TP1	154	.....	213	.....	240	25 kg	100 kg	A	12

Hexamethylenediamine solution	8	UN1783	II 8	IB2, T7, TP2	None	202	242	1 L	30 L	A	
.....	.....	.....	III 8	IB3, T4, TP1	154	203	241	5 L	60 L	A	
Hexamethyleneimine	3	UN2493	II 3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	40
Hexamethylenetetramine	4.1	UN1328	III 4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	A	
<i>Hexamethylol benzene hexanitrate.</i>	Forbidden										
Hexanes	3	UN1208	II 3	IB2, T4, TP1	150	202	242	5 L	60 L	E	
<i>2,2',4,4',6,6'-Hexanitro-3,3'-dihydroxyazobenzene (dry).</i>	Forbidden										
<i>Hexanitroazoxy benzene</i>	Forbidden										
<i>N,N'-(hexanitrodiphenyl) ethylene dinitramine (dry).</i>	Forbidden										
<i>Hexanitrodiphenyl urea</i>	Forbidden										
<i>2,2',3',4,4',6'-Hexanitrodiphenylamine.</i>	Forbidden										
Hexanitrodiphenylamine or Dipicrylamine or Hexyl. <i>2,3',4,4',6,6'-Hexanitrodiphenylether.</i>	1.1D	UN0079	II 1.1D		None	62	None	Forbidden	Forbidden	10	
<i>Hexanitroethane</i>	Forbidden										
<i>Hexanitrooxanilide</i>	Forbidden										
Hexanitrostilbene	1.1D	UN0392	II 1.1D		None	62	None	Forbidden	Forbidden	10	
<i>Hexanoic acid, see Corrosive liquids, n.o.s..</i>											
Hexanols	3	UN2282	III 3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
1-Hexene	3	UN2370	II 3	IB2, T4, TP1	150	202	242	5 L	60 L	E	
Hexogen and cyclotetramethylenetetranitramine mixtures, wetted or desensitized <i>see RDX and HMX mixtures, wetted or desensitized etc.</i>											
Hexogen and HMX mixtures, wetted or desensitized <i>see RDX and HMX mixtures, wetted or desensitized etc.</i>											
Hexogen and octogen mixtures, wetted or desensitized <i>see RDX and HMX mixtures, wetted or desensitized etc.</i>											
Hexogen, <i>see</i> Cyclotrimethylenetrinitramine, <i>etc.</i>											
Hexolite, or Hexotol <i>dry or wetted with less than 15 percent water, by mass.</i>	1.1D	UN0118	II 1.1D		None	62	None	Forbidden	Forbidden	10	
Hexotonal	1.1D	UN0393	II 1.1D		None	62	None	Forbidden	Forbidden	10	
Hexyl, <i>see</i> Hexanitrodiphenylamine.											

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

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Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica- tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca- tion (10A)	Other (10B)
	Hexyltrichlorosilane	8	UN1784	II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40
	<i>High explosives, see individual explosives' entries.</i>				.....		.....	.....	.....	.....			.....
	<i>HMX, see Cyclotetramethylenete tranitramine, etc.</i>				.....		.....	.....	.....	.....			.....
	Hydrazine, anhydrous	8	UN2029	I	8, 3, 6.1.	A3, A6, A7, A10, B7, B16, B53	None	201	243	Forbidden	2.5 L	D	40, 125
	Hydrazine aqueous solution with more than 37% hydrazine, by mass.	8	UN2030	I	8, 6.1	151, B16, B53, T10, TP2, TP13	None	201	243	Forbidden	2.5 L	D	40
				II	8, 6.1	B16, B53, IB2, T7, TP2, TP13	None	202	243	Forbidden	30 L	D	40
				III	8, 6.1	B16, B53, IB3, T4, TP1	154	203	241	5 L	60 L	D	40
	Hydrazine, aqueous solution with not more than 37 percent hydrazine, by mass.	6.1	UN3293	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	<i>Hydrazine azide</i>	Forbidden			.....		.....	.....	.....	.....			.....
	<i>Hydrazine chlorate</i>	Forbidden			.....		.....	.....	.....	.....			.....
	<i>Hydrazine dicarbonic acid diazide.</i>	Forbidden			.....		.....	.....	.....	.....			.....
	<i>Hydrazine perchlorate</i>	Forbidden			.....		.....	.....	.....	.....			.....
	<i>Hydrazine selenate</i>	Forbidden			.....		.....	.....	.....	.....			.....
	<i>Hydriodic acid, anhydrous, see Hydrogen iodide, anhydrous.</i>				.....		.....	.....	.....	.....			.....
	Hydriodic acid	8	UN1787	II	8	A3, A6, B2, IB2, N41, T7, TP2	154	202	242	1 L	30 L	C	.....
				III	8	IB3, T4, TP1	154	203	241	5 L	60 L	C	8
	<i>Hydrobromic acid, anhydrous, see Hydrogen bromide, anhy- drous.</i>				.....		.....	.....	.....	.....			.....
	Hydrobromic acid, with more than 49 percent hydrobromic acid.	8	UN1788	II	8	B2, B15, IB2, N41, T7, TP2	154	202	242	Forbidden	Forbidden	C
				III	8	IB3, T4, TP1	154	203	241	Forbidden	Forbidden	C	8

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Hydrobromic acid, with not more than 49 percent hydrobromic acid.	8	UN1788	II	8	A3, A6, B2, B15, IB2, N41, T7, TP2	154	202	242	1 L	30 L	C.	
			III	8	IB3, T4, TP1	154	203	241	5 L	60 L	C	8
Hydrocarbon gas mixture, compressed, n.o.s..	2.1	UN1964	.....	2.1		306	302	314, 315.	Forbidden	150 kg	E	40
Hydrocarbon gas mixture, liquefied, n.o.s..	2.1	UN1965	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	E	40
Hydrocarbons, liquid, n.o.s	3	UN3295	I	3	144, T11, TP1, TP8, TP28	150	201	243	1 L	30 L	E	
			II	3	144, IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B.	
			III	3	144, B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A.	
Hydrochloric acid, anhydrous, see Hydrogen chloride, anhydrous.			.....								
Hydrochloric acid	8	UN1789	II	8	A3, A6, B3, B15, IB2, N41, T8, TP2, TP12	154	202	242	1 L	30 L	C	
											
			III	8	IB3, T4, TP1, TP12	154	203	241	5 L	60 L	C	8
Hydrocyanic acid, anhydrous, see Hydrogen cyanide etc.			.....								
Hydrocyanic acid, aqueous solutions or Hydrogen cyanide, aqueous solutions with not more than 20 percent hydrogen cyanide.	6.1	UN1613	I	6.1	2, B61, B65, B77, B82, T20, TP2, TP13	None	195	244	Forbidden	Forbidden	D	40
D Hydrocyanic acid, aqueous solutions with less than 5 percent hydrogen cyanide.	6.1	NA1613	II	6.1	IB1, T14, TP2, TP13, TP27	None	195	243	Forbidden	5 L	D	40
Hydrocyanic acid, liquefied, see Hydrogen cyanide, etc.			.....								
Hydrocyanic acid (prussic), unstabilized.	Forbidden		.....								
Hydrofluoric acid and Sulfuric acid mixtures.	8	UN1786	I	8, 6.1	A6, A7, B15, B23, N5, N34, T10, TP2, TP12, TP13	None	201	243	Forbidden	2.5 L	D	40
Hydrofluoric acid, anhydrous, see Hydrogen fluoride, anhydrous.			.....								
Hydrofluoric acid, with more than 60 percent strength.	8	UN1790	I	8, 6.1	A6, A7, B4, B15, B23, N5, N34, T10, TP2, TP12, TP13	None	201	243	0.5 L	2.5 L	D	12, 40
Hydrofluoric acid, with not more than 60 percent strength.	8	UN1790	II	8, 6.1	A6, A7, B15, IB2, N5, N34, T8, TP2, TP12	None	202	243	1 L	30 L	D	12, 40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	<i>Hydrofluoroboric acid, see</i> Fluoroboric acid.	.....			.....		.....	.....	.....	.....	.....		.....
	<i>Hydrofluorosilicic acid, see</i> Fluorosilicic acid.	.....			.....		.....	.....	.....	.....	.....		.....
	Hydrogen and Methane mix- tures, compressed.	2.1	UN2034	.....	2.1	.....	306	302	302, 314, 315.	Forbidden	150 kg	E	40
	Hydrogen bromide, anhydrous ...	2.3	UN1048	.....	2.3, 8	3, B14	None	304	314, 315.	Forbidden	25 kg	D	40
	Hydrogen chloride, anhydrous ...	2.3	UN1050	.....	2.3, 8	3	None	304	None	Forbidden	Forbidden	D	40
	Hydrogen chloride, refrigerated liquid.	2.3	UN2186	.....	2.3, 8	3, B6	None	None	314, 315.	Forbidden	Forbidden	B	40
	Hydrogen, compressed	2.1	UN1049	.....	2.1	.....	306	302	302, 314.	Forbidden	150 kg	E	40, 57
	Hydrogen cyanide, solution in al- cohol with not more than 45 percent hydrogen cyanide.	6.1	UN3294	I	6.1, 3	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Hydrogen cyanide, stabilized with less than 3 percent water.	6.1	UN1051	I	6.1, 3	1, B35, B61, B65, B77, B82	None	195	244	Forbidden	Forbidden	D	40
	Hydrogen cyanide, stabilized, with less than 3 percent water and absorbed in a porous inert material.	6.1	UN1614	I	6.1	.....	5	195	None	Forbidden	Forbidden	D	25, 40
	Hydrogen fluoride, anhydrous	8	UN1052	I	8, 6.1	3, B7, B46, B71, B77, T10, TP2	None	163	243	Forbidden	Forbidden	D	40
	Hydrogen iodide, anhydrous	2.3	UN2197	.....	2.3	3, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
	<i>Hydrogen iodide solution, see</i> Hydriodic acid, solution.	.....			.....		.....	.....	.....	.....	.....		.....
	Hydrogen peroxide and peroxy- acetic acid mixtures, stabilized with acids, water and not more than 5 percent peroxy- acetic acid.	5.1	UN3149	II	5.1, 8	145, A2, A3, A6, B53, IB2, IP5, T7, TP2, TP6, TP24	None	202	243	1 L	5 L	D	25, 66, 75, 106

Hydrogen peroxide, aqueous solutions with more than 40 percent but not more than 60 percent hydrogen peroxide (stabilized as necessary).	5.1	UN2014	II	5.1, 8	12, A3, A6, B53, B80, B81, B85, IB2, IP5, T7, TP2, TP6, TP24, TP37	None	202	243	Forbidden	Forbidden	D	25, 66, 75, 106
Hydrogen peroxide, aqueous solutions with not less than 20 percent but not more than 40 percent hydrogen peroxide (stabilized as necessary).	5.1	UN2014	II	5.1, 8	A2, A3, A6, B53, IB2, IP5, T7, TP2, TP6, TP24, TP37	None	202	243	1 L	5 L	D	25, 66, 75, 106
Hydrogen peroxide, aqueous solutions, with not less than 8 percent but less than 20 percent hydrogen peroxide, (stabilized as necessary).	5.1	UN2984	III	5.1	A1, IB2, IP5, T4, TP1, TP6, TP24, TP37	152	203	241	2.5 L	30 L	B	25, 75, 106
Hydrogen percent stabilized or Hydrogen peroxide aqueous solutions, stabilized with more than 60 percent hydrogen peroxide.	5.1	UN2015	I	5.1, 8	12, A3, A6, B53, B80, B81, B85, T10, TP2, TP6, TP24, TP37	None	201	243	Forbidden	Forbidden	D	25, 66, 75, 106
Hydrogen, refrigerated liquid (cryogenic liquid).	2.1	UN1966	.....	2.1	T75, TP5	None	316	318, 319.	Forbidden	Forbidden	D	40
Hydrogen selenide, anhydrous ..	2.3	UN2202	.....	2.3, 2.1.	1	None	192	245	Forbidden	Forbidden	D	40
Hydrogen sulfate, see Sulfuric acid.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydrogen sulfide	2.3	UN1053	.....	2.3, 2.1.	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
Hydrogendifluorides, n.o.s. solid	8	UN1740	II	8	IB5, IP2, IP4, N3, N34	None	212	240	15 kg	50 kg	A	25, 26, 40
.....	.....	.....	III	8	IB8, IP3, N3, N34	154	213	240	25 kg	100 kg	A	25, 26, 40
Hydrogendifluorides, n.o.s. solutions.	8	UN1740	II	8	IB2, N3, N34	None	202	242	1 L	30 L	A	25, 26, 40
.....	.....	.....	III	8	IB3, IP3, N3, N34	154	203	241	5 L	60 L	A	25, 26, 40
Hydroquinone	6.1	UN2662	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	.....
Hydroxycoufluoric acid, see Fluorosilicic acid.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydroxyl amine iodide	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hydroxylamine sulfate	8	UN2865	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
Hypochlorite solutions	8	UN1791	II	8	A7, B2, B15, IB2, IP5, N34, T7, TP2, TP24	154	202	242	1 L	30 L	B	26
.....	III	8	IB3, N34, T4, TP2, TP24	154	203	241	5 L	60 L	B	26

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

§ 172.101

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Hypochlorites, inorganic, n.o.s. ...	5.1	UN3212	II	5.1	IB8, IP2, IP4	152	212	240	5 kg	25 kg	D	48, 56, 58, 69, 106, 116, 118
	<i>Hyponitrous acid</i>	Forbidden			.....		.....	.....	.....	.....	.....
	<i>Igniter fuse, metal clad, see Fuse, igniter, tubular, metal clad.</i>				.....		.....	.....	.....	.....	.....
	Igniters	1.1G	UN0121	II	1.1G ..		None	62	None	Forbidden	Forbidden	07	
	Igniters	1.2G	UN0314	II	1.2G ..		None	62	None	Forbidden	Forbidden	07	
	Igniters	1.3G	UN0315	II	1.3G ..		None	62	None	Forbidden	Forbidden	07	
	Igniters	1.4G	UN0325	II	1.4G ..		None	62	None	Forbidden	75 kg	06	
	Igniters	1.4S	UN0454	II	1.4S ..		None	62	None	25 kg	100 kg	05	
	3,3'-Iminodipropylamine	8	UN2269	III	8	IB3, T4, TP2	154	203	241	5 L	60 L	A	
G	Infectious substances, affecting animals <i>only</i> .	6.2	UN2900	.....	6.2	A81, A82	134	196	None	50 mL or 50 g	4 L or 4 kg	B	40
G	Infectious substances, affecting humans.	6.2	UN2814	.....	6.2	A81, A82	134	196	None	50 mL or 50 g	4 L or 4 kg	B	40
	<i>Inflammable, see Flammable</i> .....				.....		.....	.....	.....	.....	.....
	<i>Initiating explosives (dry)</i>	Forbidden			.....		.....	.....	.....	.....	.....
	<i>Inositol hexanitrate (dry)</i>	Forbidden			.....		.....	.....	.....	.....	.....
G	Insecticide gases, n.o.s.	2.2	UN1968	.....	2.2		306	304	314, 315.	75 kg	150 kg	A	
G	Insecticide gases, flammable, n.o.s.	2.1	UN3354	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	D	40
G	Insecticide gases, toxic, flammable, n.o.s. <i>Inhalation hazard Zone A.</i>	2.3	UN3355	.....	2.3, 2.1.	1	None	192	245	Forbidden	Forbidden	D	40
G	Insecticide gases, toxic, flammable, n.o.s. <i>Inhalation hazard Zone B.</i>	2.3	UN3355	.....	2.3, 2.1.	2, B9, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	40
G	Insecticide gases, toxic, flammable, n.o.s. <i>Inhalation hazard Zone C.</i>	2.3	UN3355	.....	2.3, 2.1.	3, B14	None	302, 305.	314, 315.	Forbidden	Forbidden	D	.....
G	Insecticide gases, toxic, flammable, n.o.s. <i>Inhalation hazard Zone D.</i>	2.3	UN3355	2.3, 2.1.	4	None	302, 305.	314, 315.	Forbidden	Forbidden	D

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G	Insecticide gases, toxic, n.o.s.	2.3	UN1967	2.3	3	None	193, 334.	245	Forbidden	Forbidden	D	40		
	<i>Inulin trinitrate (dry)</i>	Forbidden																
	<i>Iodine azide (dry)</i>	Forbidden																
	Iodine monochloride	8	UN1792		II	8		B6, IB8, IP2, IP4, N41, T7, TP2	None	.....	212	.....	240	.....	Forbidden	50 kg	D	40, 66, 74, 89, 90
	Iodine pentafluoride	5.1	UN2495		I	5.1,			None	.....	205	.....	243	.....	Forbidden	Forbidden	D	25, 40, 66, 90
						6.1, 8.												
	2-Iodobutane	3	UN2390		II	3		IB2, T4, TP1	150	.....	202	.....	242	.....	5 L	60 L	B	
	Iodomethylpropanes	3	UN2391		II	3		IB2, T4, TP1	150	.....	202	.....	242	.....	5 L	60 L	B	
	Iodopropanes	3	UN2392		III	3		B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	
	<i>Iodoxy compounds (dry)</i>	Forbidden																
	<i>Iridium nitratopentamine iridium nitrate.</i>	Forbidden																
	<i>Iron chloride, see Ferric chloride</i>																	
	Iron oxide, spent, or Iron sponge, spent obtained from coal gas purification.	4.2	UN1376		III	4.2		B18, IB8, IP3	None	.....	213	.....	240	.....	Forbidden	Forbidden	E	
	Iron penta carbonyl	6.1	UN1994		I	6.1, 3		1, B9, B14, B30, B72, B77, T22, TP2, TP13, TP38, TP44	None	.....	226	.....	244	.....	Forbidden	Forbidden	D	40
	<i>Iron sesquichloride, see Ferric chloride.</i>																	
	<i>Irritating material, see Tear gas substances, etc.</i>																	
	Isobutane <i>see also</i> Petroleum gases, liquefied.	2.1	UN1969		.....	2.1		19, T50	306	.....	304	.....	314, 315.	.....	Forbidden	150 kg	E	40
	Isobutanol or Isobutyl alcohol	3	UN1212		III	3		B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	
	Isobutyl acetate	3	UN1213		II	3		IB2, T4, TP1	150	.....	202	.....	242	.....	5 L	60 L	B	
	Isobutyl acrylate, stabilized	3	UN2527		III	3		B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	
	Isobutyl alcohol, <i>see</i> Isobutanol																	
	Isobutyl aldehyde, <i>see</i> Isobutyraldehyde.																	
D	Isobutyl chloroformate	6.1	NA2742		I	6.1, 3, 8.		2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	.....	227	.....	244	.....	1 L	30 L	A	12, 13, 22, 25, 40, 48, 100
	Isobutyl formate	3	UN2393		II	3		IB2, T4, TP1	150	.....	202	.....	242	.....	5 L	60 L	B	
	Isobutyl isobutyrate	3	UN2528		III	3		B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	
+	Isobutyl isocyanate	3	UN2486		I	3, 6.1		1, B9, B14, B30, B72, T22, TP2, TP13, TP27	None	.....	226	.....	244	.....	Forbidden	Forbidden	D	40
	Isobutyl methacrylate, stabilized	3	UN2283		III	3		B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	A	
	Isobutyl propionate	3	UN2394		III	3		B1, IB3, T2, TP1	150	.....	203	.....	242	.....	60 L	220 L	B	
	Isobutylamine	3	UN1214		II	3, 8		IB2, T7, TP1	None	.....	202	.....	243	.....	1 L	5 L	B	40
	Isobutylene <i>see also</i> Petroleum gases, liquefied.	2.1	UN1055		.....	2.1		19, T50	306	.....	304	.....	314, 315.	.....	Forbidden	150 kg	E	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
	Isobutylaldehyde <i>or</i> Isobutyl aldehyde.	3	UN2045	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	40
	Isobutyric acid	3	UN2529	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	.....
	Isobutyronitrile	3	UN2284	II	3, 6.1	IB2, T7, TP2, TP13	None	202	243	1 L	60 L	E	40
	Isobutryl chloride	3	UN2395	II	3, 8	IB1, T7, TP2	None	202	243	1 L	5 L	C	40
G	Isocyanates, flammable, toxic, n.o.s. <i>or</i> Isocyanate solutions, flammable, toxic, n.o.s. <i>flash point less than 23 degrees C.</i>	3	UN2478	II	3, 6.1	5, A3, A7, IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	D	40
G	Isocyanates, toxic, flammable, n.o.s. <i>or</i> Isocyanate solutions, toxic, flammable, n.o.s., <i>flash point not less than 23 degrees C but not more than 61 degrees C and boiling point less than 300 degrees C.</i>	6.1	UN3080	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	25, 40, 48
G	Isocyanates, toxic, n.o.s. <i>or</i> Isocyanate solutions, toxic, n.o.s., <i>flash point more than 61 degrees C and boiling point less than 300 degrees C.</i>	6.1	UN2206	II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	E	25, 40, 48

	Isocyanatobenzotrifluorides	6.1	UN2285	II	6.1, 3	5, IB2, T7, TP2	None	202	243	5 L	60 L	D	25, 40, 48
	Isoheptenes	3	UN2287	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Isohexenes	3	UN2288	II	3	IB2, T11, TP1	150	202	242	5 L	60 L	E	.....
	<i>Isooctane, see Octanes</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Isooctenes	3	UN1216	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Isopentane, see Pentane</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Isopentanoic acid, see Corrosive liquids, n.o.s.</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Isopentenes	3	UN2371	I	3	T11, TP2	150	201	243	1 L	30 L	E	.....
	Isophorone diisocyanate	6.1	UN2290	III	6.1	IB3, T4, TP2	153	203	241	60 L	220 L	B	40
	Isophoronediamine	8	UN2289	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Isoprene, stabilized	3	UN1218	I	3	T11, TP2	150	201	243	1 L	30 L	E	.....
	Isopropanol <i>or</i> Isopropyl alcohol	3	UN1219	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Isopropenyl acetate	3	UN2403	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....

Isopropenylbenzene	3	UN2303	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
Isopropyl acetate	3	UN1220	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
Isopropyl acid phosphate	8	UN1793	III	8	IB8, IP3, T4, TP1	154	213	240	25 kg	100 kg	A	
Isopropyl alcohol, <i>see</i> Isopropanol.												
Isopropyl butyrate	3	UN2405	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
Isopropyl chloroacetate	3	UN2947	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
Isopropyl chloroformate	6.1	UN2407	I	6.1, 3, 8.	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP44	None	227	244	Forbidden	Forbidden	B	40
Isopropyl 2-chloropropionate	3	UN2934	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
Isopropyl isobutyrate	3	UN2406	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
+ Isopropyl isocyanate	3	UN2483	I	3, 6.1	1, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40
<i>Isopropyl mercaptan, see</i> <i>Propanethiols.</i>												
Isopropyl nitrate	3	UN1222	II	3	IB2, IP7	150	202	None	5 L	60 L	D	
<i>Isopropyl phosphoric acid, see</i> <i>Isopropyl acid phosphate.</i>												
Isopropyl propionate	3	UN2409	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
Isopropylamine	3	UN1221	I	3, 8	T11, TP2	None	201	243	0.5 L	2.5 L	E	
Isopropylbenzene	3	UN1918	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
<i>Isopropylcumyl hydroperoxide,</i> <i>with more than 72 percent in</i> <i>solution.</i>	Forbidden											
Isosorbide dinitrate mixture with <i>not less than 60 percent lac-</i> <i>tose, mannose, starch or cal-</i> <i>cium hydrogen phosphate.</i>	4.1	UN2907	II	4.1	IB6, IP2, N85	None	212	None	15 kg	50 kg	E	
Isosorbide-5-mononitrate	4.1	UN3251	III	4.1	66, IB8	151	213	240	Forbidden	Forbidden	D	12
Isothiocyanic acid	Forbidden											
<i>Jet fuel, see</i> Fuel aviation, tur- <i>bine engine.</i>												
D Jet perforating guns, charged oil well, with detonator.	1.1D	NA0124	II	1.1D	55, 56	None	62	None	Forbidden	Forbidden	07	
D Jet perforating guns, charged oil well, with detonator.	1.4D	NA0494	II	1.4D	55, 56	None	62	None	Forbidden	Forbidden	06	
Jet perforating guns, charged oil well, without detonator.	1.1D	UN0124	II	1.1D	55	None	62	None	Forbidden	Forbidden	07	
Jet perforating guns, charged, oil well, without detonator.	1.4D	UN0494	II	1.4D	55, 114	None	62	None	Forbidden	300 kg	06	
<i>Jet perforators, see</i> Charges, <i>shaped, etc.</i>												
<i>Jet tappers, without detonator,</i> <i>see</i> Charges, <i>shaped, etc.</i>												
<i>Jet thrust igniters, for rocket mo-</i> <i>tors or Jato, see</i> Igniters.												

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	<i>Jet thrust unit (Jato), see</i> Rocket motors.												
	Kerosene	3	UN1223	III	3	144, B1, IB3, T2, TP2	150	203	242	60 L	220 L	A	
G	Ketones, liquid, n.o.s.	3	UN1224	I	3	T11, TP1, TP8, TP27	None	201	243	1 L	30 L	E	
	.....			II	3	IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B	
	.....			III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	
	Krypton, compressed	2.2	UN1056		2.2		306	302	None	75 kg	150 kg	A	
	Krypton, refrigerated liquid (<i>cryo- genic liquid</i>).	2.2	UN1970		2.2	T75, TP5	320	None	None	50 kg	500 kg	B	
	<i>Lacquer base or lacquer chips, nitrocellulose, dry, see</i> Nitro- cellulose, etc. (UN 2557).												
	<i>Lacquer base or lacquer chips, plastic, wet with alcohol or solvent, see</i> Nitrocellulose (UN2059, UN2555, UN2556, UN2557) or Paint etc.(UN1263).												
	Lead acetate	6.1	UN1616	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	
	Lead arsenates	6.1	UN1617	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	
	Lead arsenites	6.1	UN1618	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	
	<i>Lead azide (dry)</i>	Forbidden											
	Lead azide, wetted with not less than 20 percent water or mix- ture of alcohol and water, by mass.	1.1A	UN0129	II	1.1A	111, 117	None	62	None	Forbidden	Forbidden	12	
	Lead compounds, soluble, n.o.s.	6.1	UN2291	III	6.1	138, IB8, IP3	153	213	240	100 kg	200 kg	A	
	Lead cyanide	6.1	UN1620	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	26
	Lead dioxide	5.1	UN1872	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	
	<i>Lead dross, see</i> Lead sulfate, with more than 3 percent free acid.												
	Lead nitrate	5.1	UN1469	II	5.1, 6.1.	IB8, IP2, IP4	None	212	242	5 kg	25 kg	A	
	<i>Lead nitroresorcinate (dry)</i>	Forbidden											

Lead perchlorate, solid	5.1	UN1470	II	5.1, 6.1.	IB6, IP2, T4, TP1	None	212	242	5 kg	25 kg	A	56, 58, 106
Lead perchlorate, solution	5.1	UN1470	II	5.1, 6.1.	IB1, T4, TP1	None	202	243	1 L	5 L	A	56, 58, 106
<i>Lead peroxide, see Lead dioxide</i>												
Lead phosphite, dibasic	4.1	UN2989	II	4.1	IB8, IP2, IP4	None	212	240	5 kg	25 kg	B	34
<i>Lead picrate (dry)</i>	Forbidden		III	4.1	IB8, IP3	151	213	240	15 kg	50 kg	B	34
<i>Lead styphnate (dry)</i>	Forbidden											
Lead styphnate, wetted or Lead trinitroresorcinate, wetted with not less than 20 percent water or mixture of alcohol and water, by mass.	1.1A	UN0130	II	1.1A	111, 117	None	62	None	Forbidden	Forbidden	12	
Lead sulfate with more than 3 percent free acid.	8	UN1794	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	
Lead trinitroresorcinate, see Lead styphnate, etc.												
Life-saving appliances, not self inflating containing dangerous goods as equipment.	9	UN3072		None	143	None	219	None	No limit	No limit	A	
Life-saving appliances, self inflating.	9	UN2990		None		None	219	None	No limit	No limit	A	
<i>Lighter replacement cartridges containing liquefied petroleum gases (and similar devices, each not exceeding 65 grams), see Lighters or lighter refills etc. containing flammable gas.</i>												
Lighters, fuse	1.4S	UN0131	II	1.4S		None	62	None	25 kg	100 kg	05	
Lighters or Lighter refills containing flammable gas.	2.1	UN1057		2.1	N10	None	21, 308	None	1 kg	15 kg	B	40
<i>Lime, unslaked, see Calcium oxide.</i>												
G Liquefied gas, flammable, n.o.s.	2.1	UN3161		2.1	T50	306	304	314, 315.	Forbidden	150 kg	D	40
G Liquefied gas, n.o.s.	2.2	UN3163		2.2	T50	306	304	314, 315.	75 kg	150 kg	A	
G Liquefied gas, oxidizing, n.o.s. ...	2.2	UN3157		2.2,		306	304	314, 315.	75 kg	150 kg	D	
G I Liquefied gas, toxic, corrosive, n.o.s. Inhalation Hazard Zone A.	2.3	UN3308		2.3, 8		1	192	245	Forbidden	Forbidden	D	40
GI Liquefied gas, toxic, corrosive, n.o.s. Inhalation Hazard Zone B.	2.3	UN3308		2.3, 8	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
GI Liquefied gas, toxic, corrosive, n.o.s. Inhalation Hazard Zone C.	2.3	UN3308		2.3, 8	3, B14	None	304	314, 315.	Forbidden	Forbidden	D	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
G I	Liquefied gas, toxic, corrosive, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3308	.....	2.3, 8	4	None	304	314, 315.	Forbidden	Forbidden	D	40
G I	Liquefied gas, toxic, flammable, corrosive, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3309	.....	2.3, 2.1, 8.	1	None	192	245	Forbidden	Forbidden	D	17, 40
GI	Liquefied gas, toxic, flammable, corrosive, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3309	.....	2.3, 2.1, 8.	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	17, 40
GI	Liquefied gas, toxic, flammable, corrosive, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3309	.....	2.3, 2.1, 8.	3, B14	None	304	314, 315.	Forbidden	Forbidden	D	17, 40
G I	Liquefied gas, toxic, flammable, corrosive, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3309	.....	2.3, 2.1, 8.	4	None	304	314, 315.	Forbidden	Forbidden	D	17, 40
G	Liquefied gas, toxic, flammable, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3160	.....	2.3, 2.1.	1	None	192	245	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, flammable, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3160	.....	2.3, 2.1.	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, flammable, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3160	.....	2.3, 2.1.	3, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, flammable, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3160	.....	2.3, 2.1.	4	None	304	314, 315.	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, n.o.s. <i>Inha- lation Hazard Zone A.</i>	2.3	UN3162	.....	2.3	1	None	192	245	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, n.o.s. <i>Inha- lation Hazard Zone B.</i>	2.3	UN3162	.....	2.3	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, n.o.s. <i>Inha- lation Hazard Zone C.</i>	2.3	UN3162	.....	2.3	3, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, n.o.s. <i>Inha- lation Hazard Zone D.</i>	2.3	UN3162	.....	2.3	4	None	304	314, 315.	Forbidden	Forbidden	D	40
G I	Liquefied gas, toxic, oxidizing, corrosive, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3310	.....	2.3, 5.1, 8.	1	None	192	245	Forbidden	Forbidden	D	40, 89, 90

GI	Liquefied gas, toxic, oxidizing, corrosive, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3310	.....	2.3, 5.1, 8.	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	40, 89, 90
GI	Liquefied gas, toxic, oxidizing, corrosive, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3310	.....	2.3, 5.1, 8.	3, B14	None	304	314, 315.	Forbidden	Forbidden	D	40, 89, 90
GI	Liquefied gas, toxic, oxidizing, corrosive, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3310	.....	2.3, 5.1, 8.	4	None	304	314, 315.	Forbidden	Forbidden	D	40, 89, 90
G	Liquefied gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone A.</i>	2.3	UN3307	.....	2.3, 5.1.	1	None	192	245	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone B.</i>	2.3	UN3307	.....	2.3, 5.1.	2, B9, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone C.</i>	2.3	UN3307	.....	2.3, 5.1.	3, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
G	Liquefied gas, toxic, oxidizing, n.o.s. <i>Inhalation Hazard Zone D.</i>	2.3	UN3307	.....	2.3, 5.1.	4	None	304	314, 315.	Forbidden	Forbidden	D	40
	Liquefied gases, <i>non-flammable charged with nitrogen, carbon dioxide or air.</i>	2.2	UN1058	.....	2.2		306	304	None	75 kg	150 kg	A	.....
	<i>Liquefied hydrocarbon gas, see Hydrocarbon gas mixture, liquefied, n.o.s..</i>	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	<i>Liquefied natural gas, see Methane, etc. (UN 1972).</i>	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	<i>Liquefied petroleum gas see Petroleum gases, liquefied.</i>	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	Lithium	4.3	UN1415	I	4.3	A7, A19, IB1, IP1, N45	None	211	244	Forbidden	15 kg	E	.....
	<i>Lithium acetylide ethylenediamine complex, see Water reactive solid etc.</i>	.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....
	Lithium alkyls	4.2	UN2445	I	4.2, 4.3.	B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	.....
	Lithium aluminum hydride	4.3	UN1410	I	4.3	A19	None	211	242	Forbidden	15 kg	E	.....
	Lithium aluminum hydride, ethereal.	4.3	UN1411	I	4.3, 3	A2, A3, A11, N34	None	201	244	Forbidden	1 L	D	40
	Lithium batteries, contained in equipment.	9	UN3091	II	9	29, A54, A55	185	185	None	5 kg	35kg	A	.....
	Lithium batteries packed with equipment.	9	UN3091	II	9	29, A54, A55	185	185	None	5 kg gross	35 kg gross	A	.....
	Lithium battery	9	UN3090	II	9	29, A54, A55	185	185	None	5 kg gross	35 kg gross	A	.....
	Lithium borohydride	4.3	UN1413	I	4.3	A19, N40	None	211	242	Forbidden	15 kg	E	.....
	Lithium ferrosilicon	4.3	UN2830	II	4.3	A19, IB7, IP2	151	212	241	15 kg	50 kg	E	40, 85, 103
	Lithium hydride	4.3	UN1414	I	4.3	A19, N40	None	211	242	Forbidden	15 kg	E	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Lithium hydride, fused solid	4.3	UN2805	II	4.3	A8, A19, A20, IB4	151	212	241	15 kg	50 kg	E	.....
	Lithium hydroxide	8	UN2680	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....
	Lithium hydroxide, solution	8	UN2679	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	.....
	.....	.....	.....	III	8	IB3, T4, TP2	154	203	241	5 L	60 L	A	96
	Lithium hypochlorite, dry with more than 39% available chlorine (8.8% available oxygen) or Lithium hypochlorite mix- tures, dry with more than 39% available chlorine (8.8% avail- able oxygen).	5.1	UN1471	II	5.1	A9, IB8, IP2, IP4, N34	152	212	240	5 kg	25 kg	A	48, 56, 58, 69, 106, 116
	Lithium in cartridges, see Lith- ium.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Lithium nitrate	5.1	UN2722	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Lithium nitride	4.3	UN2806	I	4.3	A19, IB4, IP1, N40	None	211	242	Forbidden	15 kg	E	.....
	Lithium peroxide	5.1	UN1472	II	5.1	A9, IB6, IP2, N34	152	212	None	5 kg	25 kg	A	13, 75, 106
	Lithium silicon	4.3	UN1417	II	4.3	A19, A20, IB7, IP2	151	212	241	15 kg	50 kg	A	85, 103
	LNG, see Methane etc. (UN 1972).	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	London purple	6.1	UN1621	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	LPG, see Petroleum gases, liq- uefied.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Lye, see Sodium hydroxide, so- lutions.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Magnesium alkyls	4.2	UN3053	I	4.2, 4.3.	B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	18
	Magnesium aluminum phosphide.	4.3	UN1419	I	4.3, 6.1.	A19, N34, N40	None	211	242	Forbidden	15 kg	E	40, 85
+	Magnesium arsenate	6.1	UN1622	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Magnesium bisulfite solution, see Bisulfites, aqueous solu- tions, n.o.s..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Magnesium bromate	5.1	UN1473	II	5.1	A1, IB8, IP4	152	212	242	5 kg	25 kg	A	56, 58, 106

Magnesium chlorate	5.1	UN2723	II	5.1	IB8, IP2, IP4	152	212	242	5 kg	25 kg	A	56, 58, 106
Magnesium diamide	4.2	UN2004	II	4.2	A8, A19, A20, IB6	None	212	241	15 kg	50 kg	C	.....
Magnesium diphenyl	4.2	UN2005	I	4.2 .....	.....	None	187	244	Forbidden	Forbidden	C	.....
<i>Magnesium dross, wet or hot</i>	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magnesium fluorosilicate	6.1	UN2853	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	26
Magnesium granules, coated, particle size not less than 149 microns.	4.3	UN2950	III	4.3	A1, A19, IB8, IP4	151	213	240	25 kg	100 kg	A	.....
Magnesium hydride	4.3	UN2010	I	4.3	A19, N40	None	211	242	Forbidden	15 kg	E	.....
Magnesium or Magnesium alloys with more than 50 percent magnesium in pellets, turnings or ribbons.	4.1	UN1869	III	4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	A	39
Magnesium nitrate	5.1	UN1474	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
Magnesium perchlorate	5.1	UN1475	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	56, 58, 106
Magnesium peroxide	5.1	UN1476	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	13, 75, 106
Magnesium phosphide	4.3	UN2011	I	4.3, 6.1.	A19, N40	None	211	None	Forbidden	15 kg	E	40, 85
Magnesium, powder or Magnesium alloys, powder.	4.3	UN1418	I	4.3, 4.2.	A19, B56	None	211	244	Forbidden	15 kg	A	39
.....	.....	.....	II	4.3, 4.2.	A19, B56, IB5, IP2	None	212	241	15 kg	50 kg	A	39
.....	.....	.....	III	4.3, 4.2.	A19, B56, IB8, IP4	None	213	241	25 kg	100 kg	A	39
<i>Magnesium scrap, see Magnesium, etc. (UN 1869).</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Magnesium silicide	4.3	UN2624	II	4.3	A19, A20, IB7, IP2	151	212	241	15 kg	50 kg	B	85, 103
<i>Magnetized material, see § 173.21.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maleic anhydride	8	UN2215	III	8	IB8, IP3, T4, TP1	154	213	240	25 kg	100 kg	A	.....
Malononitrile	6.1	UN2647	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	12
<i>Mancozeb (manganese ethylenebisdithiocarbamate complex with zinc) see Maneb.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maneb or Maneb preparations with not less than 60 percent maneb.	4.2	UN2210	III	4.2, 4.3.	57, A1, A19, IB6	None	213	242	25 kg	100 kg	A	34
Maneb stabilized or Maneb preparations, stabilized against self-heating.	4.3	UN2968	III	4.3	54, A1, A19, IB8, IP4	151	213	242	25 kg	100 kg	B	34
Manganese nitrate	5.1	UN2724	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
Manganese resinates	4.1	UN1330	III	4.1	A1, IB6	151	213	240	25 kg	100 kg	A	.....
Mannitan tetranitrate	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mannitol hexanitrate (dry)	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
A	Mercury bromides	6.1	UN1634	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Mercury compounds, liquid, n.o.s..	6.1	UN2024	I	6.1		None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1	IB2	None	202	243	5 L	60 L	B	40
	.....	.....	.....	III	6.1	IB3	153	203	241	60 L	220 L	B	40
	Mercury compounds, solid, n.o.s..	6.1	UN2025	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	.....
	.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Mercury contained in manufac- tured articles.	8	UN2809	III	8		None	164	None	No limit	No limit	B	40, 97
	Mercury cyanide	6.1	UN1636	II	6.1	IB8, IP2, IP4, N74, N75	None	212	242	25 kg	100 kg	A	26
	Mercury fulminate, wetted with not less than 20 percent water, or mixture of alcohol and water, by mass.	1.1A	UN0135	II	1.1A ...	111, 117	None	62	None ...	Forbidden	Forbidden	12	.....
	Mercury gluconate	6.1	UN1637	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Mercury iodide, solid	6.1	UN1638	II	6.1	IB2, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Mercury iodide aquabasic ammonobasic (iodide of Millon's base).	Forbidden											
	Mercury iodide, solution	6.1	UN1638	II	6.1	IB8, IP2, IP4	None	202	243	5 L	60 L	A	.....
	Mercury nitride	Forbidden											
	Mercury nucleate	6.1	UN1639	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Mercury oleate	6.1	UN1640	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Mercury oxide	6.1	UN1641	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Mercury oxycyanide	Forbidden											
	Mercury oxycyanide, desensitized.	6.1	UN1642	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	26, 91
Mercury potassium iodide	6.1	UN1643	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
Mercury salicylate	6.1	UN1644	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
Mercury sulfates	6.1	UN1645	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
Mercury thiocyanate	6.1	UN1646	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
Mesityl oxide	3	UN1229	III	3	B1, IB3, T2, TP1	None	203	242	60 L	220 L	A	.....
Metal alkyl halides, water-reactive n.o.s. or Metal aryl halides, water-reactive, n.o.s..	4.2	UN3049	I	4.2, 4.3.	B9, B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	.....

Metal alkyl hydrides, water-reactive, n.o.s. or Metal aryl hydrides, water-reactive, n.o.s..	4.2	UN3050	I	4.2, 4.3.	B9, B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	.....
Metal alkyls, water-reactive, n.o.s. or Metal aryls, water-reactive n.o.s..	4.2	UN2003	I	4.2, 4.3.	B11, T21, TP2, TP7	None	181	244	Forbidden	Forbidden	D	.....
Metal carbonyls, n.o.s.	6.1	UN3281	I	6.1	5, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
.....	.....	.....	II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L	B	40
.....	.....	.....	III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	40
Metal catalyst, dry	4.2	UN2881	I	4.2	N34	None	187	None	Forbidden	Forbidden	C	.....
.....	.....	.....	II	4.2	IB6, IP2, N34	None	187	242	Forbidden	50 kg	C	.....
.....	.....	.....	III	4.2	IB8, IP3, N34	None	187	241	25 kg	100 kg	C	.....
Metal catalyst, wetted with a visible excess of liquid.	4.2	UN1378	II	4.2	A2, A8, IB1, N34	None	212	None	Forbidden	50 kg	C	.....
Metal hydrides, flammable, n.o.s..	4.1	UN3182	II	4.1	A1, IB4	151	212	240	15 kg	50 kg	E	.....
.....	.....	.....	III	4.1	A1, IB4	151	213	240	25 kg	100 kg	E	.....
Metal hydrides, water reactive, n.o.s..	4.3	UN1409	I	4.3	A19, N34, N40	None	211	242	Forbidden	15 kg	D	.....
.....	.....	.....	II	4.3	A19, IB4, N34, N40	151	212	242	15 kg	50 kg	D	.....
Metal powder, self-heating, n.o.s..	4.2	UN3189	II	4.2	IB6, IP2	None	212	241	15 kg	50 kg	C	.....
.....	.....	.....	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	C	.....
Metal powders, flammable, n.o.s..	4.1	UN3089	II	4.1	IB8, IP2, IP4	151	212	240	15 kg	50 kg	B	.....
.....	.....	.....	III	4.1	IB6	151	213	240	25 kg	100 kg	B	.....
Metal salts of methyl nitramine (dry).	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
G Metal salts of organic compounds, flammable, n.o.s..	4.1	UN3181	II	4.1	A1, IB8, IP2, IP4	151	212	240	15 kg	50 kg	B	40
.....	.....	.....	III	4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	B	40
G Metaldehyde	4.1	UN1332	III	4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	A	.....
G Metallic substance, water-reactive, n.o.s..	4.3	UN3208	I	4.3	IB4	None	211	242	Forbidden	15 kg	E	40
.....	.....	.....	II	4.3	IB7, IP2	151	212	242	15 kg	50 kg	E	40
.....	.....	.....	III	4.3	IB8, IP4	151	213	241	25 kg	100 kg	E	40
G Metallic substance, water-reactive, self-heating, n.o.s..	4.3	UN3209	I	4.3,	None	211	242	Forbidden	15 kg	E	40	
.....	.....	.....	II	4.2,	IB5, IP2	None	212	242	15 kg	50 kg	E	40
.....	.....	.....	III	4.2,	IB8, IP4	None	213	242	25 kg	100 kg	E	40
.....	.....	.....	III	4.3,	IB8, IP4	None	213	242	25 kg	100 kg	E	40
.....	.....	.....	III	4.2,	IB8, IP4	None	213	242	25 kg	100 kg	E	40
Methacrylaldehyde, stabilized	3	UN2396	II	3, 6.1	45, IB2, T7, TP1, TP13	None	202	243	1 L	60 L	E	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
+	Methacrylic Acid, stabilized	8	UN2531	II	8	IB3, T4, TP1, TP18, TP 30	154	202	242	1 L	30 L	C	40
	Methacrylonitrile, stabilized	3	UN3079	I	3, 6.1	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	12, 40, 48
	Methyl alcohol	3	UN2614	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Methane and hydrogen, mix- tures, see Hydrogen and methane, mixtures, etc.</i>												
	Methane, compressed or Natural gas, compressed (<i>with high methane content</i>).	2.1	UN1971		2.1		306	302	302	Forbidden	150 kg	E	40
	Methane, refrigerated liquid (<i>cryogenic liquid</i>) or Natural gas, refrigerated liquid (<i>cryo- genic liquid</i>), <i>with high meth- ane content</i>).	2.1	UN1972		2.1	T75, TP5	None	None	318	Forbidden	Forbidden	D	40
	Methanesulfonyl chloride	6.1	UN3246	I	6.1, 8	2, B9, B14, B32, B74, T20, TP2, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
+ I	Methanol	3	UN1230	II	3, 6.1	IB2, T7, TP2	150	202	242	1 L	60 L	B	40
D	Methanol	3	UN1230	II	3	IB2, T7, TP2	150	202	242	1 L	60 L	B	40
	<i>Methazoic acid</i>	Forbidden											
	4-Methoxy-4-methylpentan-2- one.	3	UN2293	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	1-Methoxy-2-propanol	3	UN3092	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
+	Methoxymethyl isocyanate	3	UN2605	I	3, 6.1	1, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40
	Methyl acetate	3	UN1231	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Methyl acetylene and propa- diene mixtures, stabilized.	2.1	UN1060		2.1	T50	306	304	314, 315.	Forbidden	150 kg	B	40
	Methyl acrylate, stabilized	3	UN1919	II	3	IB2, T4, TP1, TP13	150	202	242	5 L	60 L	B
	<i>Methyl alcohol, see Methanol</i>												

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Methyl allyl chloride	3	UN2554	II	3	IB2, T4, TP1, TP13	150	202	242	5 L	60 L	E	
<i>Methyl amyl ketone, see Amyl methyl ketone.</i>												
Methyl bromide	2.3	UN1062		2.3	3, B14, T50, 153	None	193	314, 315.	Forbidden	Forbidden	D	40
<i>Methyl bromide and chloropicrin mixtures with more than 2 percent chloropicrin, see Chloropicrin and methyl bromide mixtures.</i>												
<i>Methyl bromide and chloropicrin mixtures with not more than 2 percent chloropicrin, see Methyl bromide.</i>												
Methyl bromide and ethylene dibromide mixtures, liquid.	6.1	UN1647	I	6.1	2, B9, B14, B32, B74, N65, T20, TP2, TP13, TP38, TP44	None	227	244	Forbidden	Forbidden	C	40
Methyl bromoacetate	6.1	UN2643	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	D	40
2-Methylbutanal	3	UN3371	I	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
2-Methyl-1-butene	3	UN2459	II	3	T11, TP2	None	201	243	1 L	30 L	E	
2-Methyl-2-butene	3	UN2460	II	3	IB2, T7, TP1	None	202	242	5 L	60 L	E	
3-Methyl-1-butene	3	UN2561	I	3	T11, TP2	None	201	243	1 L	30 L	E	
Methyl tert-butyl ether	3	UN2398	II	3	IB2, T7, TP1	150	202	242	5 L	60 L	E	
Methyl butyrate	3	UN1237	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
Methyl chloride, or Refrigerant gas R 40.	2.1	UN1063		2.1	T50	306	304	314, 315.	5 kg	100 kg	D	40
<i>Methyl chloride and chloropicrin mixtures, see Chloropicrin and methyl chloride mixtures.</i>												
Methyl chloride and methylene chloride mixtures.	2.1	UN1912		2.1	T50	306	304	314, 315.	Forbidden	150 kg	D	40
Methyl chloroacetate	6.1	UN2295	I	6.1, 3	T14, TP2, TP13	None	201	243	1 L	30 L	D	
<i>Methyl chloroformate, see Methyl chloroformate.</i>												
<i>Methyl chloroform, see 1,1,1-Tri-chloroethane.</i>												
Methyl chloroformate	6.1	UN1238	I	6.1, 3, 8.	1, B9, B14, B30, B72, N34, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	21, 40, 100
Methyl chloromethyl ether	6.1	UN1239	I	6.1, 3	1, B9, B14, B30, B72, T22, TP2, TP38, TP44	None	226	244	Forbidden	Forbidden	D	40
Methyl 2-chloropropionate	3	UN2933	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
Methyl dichloroacetate	6.1	UN2299	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	
<i>Methyl ethyl ether, see Ethyl methyl ether.</i>												

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Methyl ethyl ketone, <i>see</i> Ethyl methyl ketone.	Forbidden											
	<i>Methyl ethyl ketone peroxide, in solution with more than 9 percent by mass active oxygen.</i>												
	2-Methyl-5-ethylpyridine	6.1	UN2300	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Methyl fluoride, or Refrigerant gas R 41.	2.1	UN2454	.....	2.1		306	304	314, 315.	Forbidden	150 kg	E	40
	Methyl formate	3	UN1243	I	3	T11, TP2	150	201	243	1 L	30 L	E	.....
	2-Methyl-2-heptanethiol	6.1	UN3023	I	6.1, 3	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40, 102
	Methyl iodide	6.1	UN2644	I	6.1	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	A	12, 40
	Methyl isobutyl carbinol	3	UN2053	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Methyl isobutyl ketone	3	UN1245	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Methyl isobutyl ketone peroxide, in solution with more than 9 percent by mass active oxygen.</i>	Forbidden											
	Methyl isocyanate	6.1	UN2480	I	6.1, 3	1, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	26, 40
	Methyl isopropenyl ketone, sta- bilized.	3	UN1246	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Methyl isothiocyanate	6.1	UN2477	I	6.1, 3	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	A	.....
	Methyl isovalerate	3	UN2400	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Methyl magnesium bromide, in ethyl ether.	4.3	UN1928	I	4.3, 3		None	201	243	Forbidden	1 L	D	.....
	Methyl mercaptan	2.3	UN1064	.....	2.3, 2.1.	3, B7, B9, B14, T50	None	304	314, 315.	Forbidden	25 kg	D	40

	<i>Methyl mercaptopropionaldehyde, see 4-Thiapentanal.</i>												
	Methyl methacrylate monomer, stabilized.	3	UN1247	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40
	<i>Methyl nitramine (dry)</i>	Forbidden											
	<i>Methyl nitrate</i>	Forbidden											
	<i>Methyl nitrite</i>	Forbidden											
	<i>Methyl norbornene dicarboxylic anhydride, see Corrosive liquids, n.o.s..</i>												
	Methyl orthosilicate	6.1	UN2606	I	6.1, 3	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	E	40
D	Methyl phosphonic dichloride	6.1	NA9206	I	6.1, 8	2, A3, B9, B14, B32, B74, N34, N43, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	C	
	<i>Methyl phosphonothioic dichloride, anhydrous, see Corrosive liquid, n.o.s..</i>												
D	Methyl phosphonous dichloride, pyrophoric liquid.	6.1	NA2845	I	6.1, 4.2.	2, B9, B14, B16, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	18
	<i>Methyl picric acid (heavy metal salts of).</i>	Forbidden											
	Methyl propionate	3	UN1248	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Methyl propyl ether	3	UN2612	II	3	IB2, T7, TP2	150	202	242	5 L	60 L	E	40
	Methyl propyl ketone	3	UN1249	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	<i>Methyl sulfate, see Dimethyl sulfate.</i>												
	<i>Methyl sulfide, see Dimethyl sulfide.</i>												
	Methyl trichloroacetate	6.1	UN2533	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	
	<i>Methyl trimethylol methane trinitrate.</i>	Forbidden											
	Methyl vinyl ketone, stabilized	6.1	UN1251	I	6.1, 3, 8.	1, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	B	40
	Methylal	3	UN1234	II	3	IB2, T7, TP2	None	202	242	5 L	60 L	E	
	Methylamine, anhydrous	2.1	UN1061		2.1	T50	306	304	314, 315.	Forbidden	150 kg	B	40
	Methylamine, aqueous solution	3	UN1235	II	3, 8	B1, IB2, T7, TP1	150	202	243	1 L	5 L	E	41
	<i>Methylamine dinitramine and dry salts thereof.</i>	Forbidden											

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	<i>Methylamine nitroform</i>	Forbidden											
	<i>Methylamine perchlorate (dry)</i> ...	Forbidden											
	Methylamyl acetate	3	UN1233	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	N-Methylaniline	6.1	UN2294	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	
	alpha-Methylbenzyl alcohol	6.1	UN2937	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	
	3-Methylbutan-2-one	3	UN2397	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	N-Methylbutylamine	3	UN2945	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	40
	Methylchlorosilane	2.3	UN2534		2, 3, 2.1, 8.	2, A2, A3, A7, B9, B14, N34	None	226	314, 315.	Forbidden	Forbidden	D	17, 40
	Methylcyclohexane	3	UN2296	II	3	B1, IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Methylcyclohexanols, <i>flammable</i>	3	UN2617	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Methylcyclohexanone	3	UN2297	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Methylcyclopentane	3	UN2298	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
D	Methyldichloroarsine	6.1	NA1556	I	6.1	2, T20, TP4, TP12, TP13, TP38, TP45	None	192	None	Forbidden	Forbidden	D	40
	Methyldichlorosilane	4.3	UN1242	I	4.3, 8, 3.	A2, A3, A7, B6, B77, N34, T10, TP2, TP7, TP13	None	201	243	Forbidden	1 L	D	21, 28, 40, 49, 100
	<i>Methylene chloride, see</i>												
	Dichloromethane,												
	<i>Methylene glycol dinitrate</i>	Forbidden											
	2-Methylfuran	3	UN2301	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	
	<i>a-Methylglucoside tetranitrate</i>	Forbidden											
	<i>a-Methylglycerol trinitrate</i>	Forbidden											
	5-Methylhexan-2-one	3	UN2302	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Methylhydrazine	6.1	UN1244	I	6.1, 3, 8.	1, B7, B9, B14, B30, B72, B77, N34, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	D	21, 40, 49, 100
	4-Methylmorpholine <i>or</i> n- methylmorpholine.	3	UN2535	II	3, 8	B6, IB2, T7, TP1	None	202	243	1 L	5 L	B	40
	Methylpentadienes	3	UN2461	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	
	2-Methylpentan-2-ol	3	UN2560	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	<i>Methylpentanes, see</i> Hexanes ...												
	Methylphenyldichlorosilane	8	UN2437	II	8	IB2, T7, TP2, TP13	154	202	242	1 L	30 L	C	40
	1-Methylpiperidine	3	UN2399	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	

	Methyltetrahydrofuran	3	UN2536	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Methyltrichlorosilane	3	UN1250	I	3, 8 ...	A7, B6, B72, N34, T11, TP2, TP13	None	201	243	Forbidden	2.5 L	B	40
	alpha-Methylvaleraldehyde	3	UN2367	II	3	B1, IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Mine rescue equipment containing carbon dioxide, see Carbon dioxide.</i>												
	Mines with bursting charge	1.1F	UN0136	II	1.1F ...			62	None ...	Forbidden	Forbidden	08	.....
	Mines with bursting charge	1.1D	UN0137	II	1.1D ..			62	None ...	Forbidden	Forbidden	03	.....
	Mines with bursting charge	1.2D	UN0138	II	1.2D ...			62	None ...	Forbidden	Forbidden	03	.....
	Mines with bursting charge	1.2F	UN0294	II	1.2F ...			62	None ...	Forbidden	Forbidden	08	.....
	<i>Mixed acid, see Nitrating acid, mixtures etc.</i>												
	<i>Mobility aids, see Battery powered equipment or Battery powered vehicle'.</i>												
D	Model rocket motor	1.4C	NA0276	II	1.4C ..	51	None	62	None ...	Forbidden	75 kg	06	.....
D	Model rocket motor	1.4S	NA0323	II	1.4S ...	51	None	62	None ...	25 kg	100 kg	05	.....
	Molybdenum pentachloride	8	UN2508	III	8	IB8, IP3, T4, TP1	154	213	240	25 kg	100 kg	C	40
	<i>Monochloroacetone (unstabilized).</i>	Forbidden											
	<i>Monochloroethylene, see Vinyl chloride, stabilized.</i>												
	<i>Monoethanolamine, see Ethanolamine, solutions.</i>												
	<i>Monoethylamine, see Ethylamine.</i>												
	Morpholine	8	UN2054	I	8, 3 ...	T10, TP2	None	201	243 .....	.5 L	2.5 L	A	.....
	<i>Morpholine, aqueous, mixture, see Corrosive liquids, n.o.s..</i>												
	Motor fuel anti-knock compounds see Motor fuel anti-knock mixtures.												
I	Motor fuel anti-knock mixtures ...	6.1	UN1649	I	6.1	14, 151, B9, B90, T14, TP2, TP13	None	201	244	Forbidden	30 L	D	25, 40
	Motor spirit, <i>see Gasoline</i>												
	<i>Muriatic acid, see Hydrochloric acid.</i>												
	Musk xylene, <i>see 5-tert-Butyl-2,4,6-trinitro-m-xylene.</i>												
	<i>Naphtha see Petroleum distillates n.o.s..</i>												
	Naphthalene, crude or Naphthalene, refined.	4.1	UN1334	III	4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	A	.....
	<i>Naphthalene diozonide</i>	Forbidden											
	beta-Naphthylamine	6.1	UN1650	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
	alpha-Naphthylamine	6.1	UN2077	III	6.1	IB8, IP3, T3, TP1	153	213	240	100 kg	200 kg	A	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Naphthalene, molten	4.1	UN2304	III	4.1	A1, IB1, T1, TP3	151	213	241	Forbidden	Forbidden	C	.....
	<i>Naphthylamine</i> perchlorate	Forbidden											
	Naphthylthiourea	6.1	UN1651	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Naphthylurea	6.1	UN1652	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	<i>Natural gases (with high meth- ane content), see Methane, etc. (UN 1971, UN 1972).</i>												
	<i>Neohexane, see Hexanes</i>												
	Neon, compressed	2.2	UN1065	.....	2.2		306	302	302	75 kg	150 kg	A	.....
	Neon, refrigerated liquid (<i>cryo- genic liquid</i>).	2.2	UN1913	.....	2.2	T75, TP5	320	316	None	50 kg	500 kg	B	.....
	<i>New explosive or explosive de- vice, see §§173.51 and 173.56.</i>												
	Nickel carbonyl	6.1	UN1259	I	6.1, 3	1	None	198	None	Forbidden	Forbidden	D	18, 40
	Nickel cyanide	6.1	UN1653	II	6.1	IB8, IP2, IP4, N74, N75	None	212	242	25 kg	100 kg	A	26
	Nickel nitrate	5.1	UN2725	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Nickel nitrite	5.1	UN2726	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	56, 58
	<i>Nickel picrate</i>	Forbidden											
	Nicotine	6.1	UN1654	II	6.1	IB2	None	202	243	5 L	60 L	A	.....
	Nicotine compounds, liquid, n.o.s. or Nicotine prepara- tions, liquid, n.o.s..	6.1	UN3144	I	6.1	A4	None	201	243	1 L	30 L	B	40
	.....			II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L	B	40
	.....			III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	B	40
	Nicotine compounds, solid, n.o.s. or Nicotine prepara- tions, solid, n.o.s..	6.1	UN1655	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	B	.....
	.....			II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	.....			III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Nicotine hydrochloride or Nico- tine hydrochloride solution.	6.1	UN1656	II	6.1	IB2, IP2, IP4	None	202	243	5 L	60 L	A	.....
	Nicotine salicylate	6.1	UN1657	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Nicotine sulfate, <i>solid</i>	6.1	UN1658	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Nicotine sulfate, <i>solution</i>	6.1	UN1658	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	Nicotine tartrate	6.1	UN1659	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	<i>Nitrated paper (unstable)</i>	Forbidden											

Nitrates, inorganic, aqueous solution, n.o.s.	5.1	UN3218	II	5.1	58, IB2, T4, TP1	152	202	242	1 L	5 L	B	46
Nitrates, inorganic, n.o.s.	5.1	UN1477	III	5.1	58, IB2, T4, TP1	152	203	241	2.5 L	30 L	B	46
Nitrates of diazonium compounds.	Forbidden		II	5.1	IB8, IP2, IP4	152	212	240	5 kg	25 kg	A	46
Nitrating acid mixtures, spent with more than 50 percent nitric acid.	8	UN1826	III	5.1	IB8, IP3	152	213	240	25 kg	100 kg	A	46
Nitrating acid mixtures spent with not more than 50 percent nitric acid.	8	UN1826	I	8, 5.1	T10, TP2, TP12, TP13	None	158	243	Forbidden	2.5 L	D	40, 66
Nitrating acid mixtures with more than 50 percent nitric acid.	8	UN1826	II	8	B2, IB2, T8, TP2, TP12	None	158	242	Forbidden	30 L	D	40
Nitrating acid mixtures with more than 50 percent nitric acid.	8	UN1796	I	8, 5.1	T10, TP2, TP12, TP13	None	158	243	Forbidden	2.5 L	D	40, 66
Nitrating acid mixtures with not more than 50 percent nitric acid.	8	UN1796	II	8	B2, IB2, T8, TP2, TP12, TP13	None	158	242	Forbidden	30 L	D	40
Nitric acid other than red fuming, with more than 70 percent nitric acid.	8	UN2031	I	8, 5.1	B47, B53, T10, TP2, TP12, TP13	None	158	243	Forbidden	2.5 L	D	44, 66, 89, 90, 110, 111
Nitric acid other than red fuming, with not more than 70 percent nitric acid.	8	UN2031	II	8	B2, B47, B53, IB2, T8, TP2, TP12	None	158	242	Forbidden	30 L	D	44, 66, 89, 90, 110, 111
Nitric acid, red fuming	8	UN2032	I	8, 5.1, 6.1	2, B9, B32, B74, T20, TP2, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40, 66, 74, 89, 90
Nitric oxide, compressed	2.3	UN1660		2.3, 5.1, 8.	1, B37, B46, B50, B60, B77	None	337	None	Forbidden	Forbidden	D	40, 89, 90
Nitric oxide and dinitrogen tetroxide mixtures or Nitric oxide and nitrogen dioxide mixtures.	2.3	UN1975		2.3, 5.1, 8.	1, B7, B9, B14, B45, B46, B61, B66, B67, B77	None	337	None	Forbidden	Forbidden	D	40, 89, 90
Nitriles, flammable, toxic, n.o.s.	3	UN3273	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	E	40, 52
Nitriles, toxic, flammable, n.o.s.	6.1	UN3275	II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40, 52
Nitriles, toxic, flammable, n.o.s.	6.1	UN3275	I	6.1, 3	5, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
Nitriles, toxic, flammable, n.o.s.	6.1	UN3275	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
Nitriles, toxic, n.o.s.	6.1	UN3276	I	6.1	5, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	
Nitriles, toxic, n.o.s.	6.1	UN3276	II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L	B	
Nitriles, toxic, n.o.s.	6.1	UN3276	III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Nitrites, inorganic, aqueous solu- tion, n.o.s..	5.1	UN3219	II	5.1	IB1, T4, TP1	152	202	242	1 L	5 L	B	46, 56, 58
	.....	.....	.....	III	5.1	IB2, T4, TP1	152	203	241	2.5 L	30 L	B	46, 56, 58
	Nitrites, inorganic, n.o.s.	5.1	UN2627	II	5.1	33, IB8, IP4	152	212	None ...	5 kg	25 kg	A	46, 56, 58
	3-Nitro-4-chlorobenzotrifluoride ..	6.1	UN2307	II	6.1	IB2, T7, TP2	None ...	202	243	5 L	60 L	A	40
	6-Nitro-4-diazotoluene-3-sulfonic acid (dry).	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Nitro isobutane triol trinitrate	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	N-Nitro-N-methylglycolamide ni- trate.	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	2-Nitro-2-methylpropanol nitrate	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Nitro urea	1.1D	UN0147	II	1.1D ..	.....	None ...	62	None ...	Forbidden	Forbidden	10	.....
	N-Nitroaniline	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
+	Nitroanilines (o-; m-; p-)	6.1	UN1661	II	6.1	IB8, IP2, IP4, T7, TP2	None ...	212	242	25 kg	100 kg	A	.....
+	Nitroanisole	6.1	UN2730	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	.....
+	Nitrobenzene	6.1	UN1662	II	6.1	IB2, T7, TP2	None ...	202	243	5 L	60 L	A	40
	m-Nitrobenzene diazonium per- chlorate.	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Nitrobenzenesulfonic acid	8	UN2305	II	8	IB2	154	202	242	1 L	30 L	A	.....
	Nitrobenzol, see Nitrobenzene ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	5-Nitrobenzotriazol	1.1D	UN0385	II	1.1D ..	.....	None ...	62	None ...	Forbidden	Forbidden	10	.....
	Nitrobenzotrifluorides	6.1	UN2306	II	6.1	IB2, T7, TP2	None ...	202	243	5 L	60 L	A	40
	Nitrobromobenzenes liquid	6.1	UN2732	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Nitrobromobenzenes solid	6.1	UN2732	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	.....
	Nitrocellulose, dry or wetted with less than 25 percent water (or alcohol), by mass.	1.1D	UN0340	II	1.1D ..	.....	None ...	62	None ...	Forbidden	Forbidden	13	27E
	Nitrocellulose membrane filters, with not more than 12.6% ni- trogen, by dry mass.	4.1	UN3270	II	4.1	43, A1	151	212	240	1 kg	15 kg	D	.....
	Nitrocellulose, plasticized with not less than 18 percent plas- ticizing substance, by mass.	1.3C	UN0343	II	1.3C ..	.....	None ...	62	None ...	Forbidden	Forbidden	10	.....

Nitrocellulose, solution, flammable with not more than 12.6 percent nitrogen, by mass, and not more than 55 percent nitrocellulose.	3	UN2059	II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
Nitrocellulose, unmodified or plasticized with less than 18 percent plasticizing substance, by mass.	1.1D	UN0341	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Nitrocellulose, wetted with not less than 25 percent alcohol, by mass.	1.3C	UN0342	II	1.1D ..		None	62	None	Forbidden	Forbidden	A	27E
Nitrocellulose with alcohol with not less than 25 percent alcohol by mass, and with not more than 12.6 percent nitrogen, by dry mass.	4.1	UN2556	II	1.3C ..		None	62	None	Forbidden	Forbidden	10	.....
Nitrocellulose with alcohol with not less than 25 percent alcohol by mass, and with not more than 12.6 percent nitrogen, by dry mass.	4.1	UN2556	II	4.1		151	212	None	1 kg	15 kg	D	28
Nitrocellulose, with not more than 12.6 percent nitrogen, by dry mass, or Nitrocellulose mixture with pigment or Nitrocellulose mixture with plasticizer or Nitrocellulose mixture with pigment and plasticizer.	4.1	UN2557	II	4.1	44	151	212	None	1 kg	15 kg	D	28
Nitrocellulose with water with not less than 25 percent water, by mass.	4.1	UN2555	II	4.1		151	212	None	15 kg	50 kg	E	28
Nitrochlorobenzene, see Chloronitrobenzenes etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nitroresols	6.1	UN2446	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
Nitroethane	3	UN2842	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Nitroethyl nitrate	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nitroethylene polymer	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nitrogen, compressed	2.2	UN1066	.....	2.2 .....	.....	306	302	314, 315.	75 kg	150 kg	A	.....
Nitrogen dioxide, see Dinitrogen tetroxide.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nitrogen fertilizer solution, see Fertilizer ammoniating solution etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nitrogen, mixtures with rare gases, see Rare gases and nitrogen mixtures.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nitrogen peroxide, see Dinitrogen tetroxide.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nitrogen, refrigerated liquid cryogenic liquid.	2.2	UN1977	.....	2.2	T75, TP5	320	316	318	50 kg	500 kg	D	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica- tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca- tion (10A)	Other (10B)
	<i>Nitrogen tetroxide and nitric oxide mixtures, see Nitric oxide and nitrogen tetroxide mixtures.</i>												
	<i>Nitrogen tetroxide, see Dinitrogen tetroxide.</i>												
	<i>Nitrogen trichloride</i>	Forbidden											
	<i>Nitrogen trifluoride</i>	2.2	UN2451		2.2, 5.1.		None	302	None	75 kg	150 kg	D	40
	<i>Nitrogen triiodide</i>	Forbidden											
	<i>Nitrogen triiodide monoamine</i>	Forbidden											
	<i>Nitrogen trioxide</i>	2.3	UN2421		2.3, 5.1, 8.	1	None	336	245	Forbidden	Forbidden	D	40, 89, 90
	<i>Nitroglycerin, desensitized with not less than 40 percent non-volatile water insoluble phlegmatizer, by mass.</i>	1.1D	UN0143	II	1.1D, 6.1.	125	None	62	None	Forbidden	Forbidden	13	21E
	<i>Nitroglycerin, liquid, not desensitized.</i>	Forbidden											
	<i>Nitroglycerin mixture, desensitized, liquid, flammable, n.o.s. with not more than 30 percent nitroglycerin, by mass.</i>	3	UN3343		3	129	None	214	None	Forbidden	Forbidden	D	
	<i>Nitroglycerin mixture, desensitized, liquid, n.o.s. with not more than 30% nitroglycerin, by mass.</i>	3	UN3357	II	3	142	None	202	243	5 L	60 L	E	
	<i>Nitroglycerin mixture, desensitized, solid, n.o.s. with more than 2 percent but not more than 10 percent nitroglycerin, by mass.</i>	4.1	UN3319	II	4.1	118	None	None	None	Forbidden	0.5 kg	E	
	<i>Nitroglycerin, solution in alcohol, with more than 1 percent but not more than 5 percent nitro- glycerin.</i>	3	UN3064	II	3	N8	None	202	None	Forbidden	5 L	E	

Nitroglycerin, solution in alcohol, with more than 1 percent but not more than 10 percent nitroglycerin.	1.1D	UN0144	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	21E
Nitroglycerin solution in alcohol with not more than 1 percent nitroglycerin.	3	UN1204	II	3	IB2, N34	None	202	None	5 L	60 L	B	.....
Nitroguanidine nitrate	Forbidden			.....		.....	.....	.....	.....	.....		.....
Nitroguanidine or Picrite, dry or wetted with less than 20 percent water, by mass.	1.1D	UN0282	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Nitroguanidine, wetted or Picrite, wetted with not less than 20 percent water, by mass.	4.1	UN1336	I	4.1	23, A8, A19, A20, N41	None	211	None	1 kg	15 kg	E	28
1-Nitrohydantoin	Forbidden			.....		.....	.....	.....	.....	.....		.....
Nitrohydrochloric acid	8	UN1798	I	8	A3, B10, N41, T10, TP2, TP12, TP13	None	201	243	Forbidden	2.5 L	D	40, 66, 74, 89, 90
Nitromannite (dry)	Forbidden			.....		.....	.....	.....	.....	.....		.....
Nitromannite, wetted, see Mannitol hexanitrate, etc.	.....			.....		.....	.....	.....	.....	.....		.....
Nitromethane	3	UN1261	II	3		150	202	None	Forbidden	60 L	A	.....
Nitromuriatic acid, see Nitrohydrochloric acid.	.....			.....		.....	.....	.....	.....	.....		.....
Nitronaphthalene	4.1	UN2538	III	4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	A	.....
Nitrophenols (o-; m-; p-)	6.1	UN1663	III	6.1	IB8, IP3, T4, TP3	153	213	240	100 kg	200 kg	A	.....
m-Nitrophenyl/dinitro methane	Forbidden			.....		.....	.....	.....	.....	.....		.....
4-Nitrophenylhydrazine, with not less than 30% water, by mass.	4.1	UN3376	I	4.1	162, A8, A19, A20, N41	None	211	None	Forbidden	Forbidden	E	36
Nitropropanes	3	UN2608	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
p-Nitrosodimethylaniline	4.2	UN1369	II	4.2	A19, A20, IB6, IP2, N34	None	212	241	15 kg	50 kg	D	34
Nitrostarch, dry or wetted with less than 20 percent water, by mass.	1.1D	UN0146	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Nitrostarch, wetted with not less than 20 percent water, by mass.	4.1	UN1337	I	4.1	23, A8, A19, A20, N41	None	211	None	1 kg	15 kg	D	28
Nitrosugars (dry)	Forbidden			.....		.....	.....	.....	.....	.....		.....
Nitrosyl chloride	2.3	UN1069	.....	2.3, 8	3, B14	None	304	314, 315.	Forbidden	Forbidden	D	40
Nitrosylsulfuric acid	8	UN2308	II	8	A3, A6, A7, B2, IB2, N34, T8, TP2, TP12	154	202	242	1 L	30 L	D	40, 66, 74, 89, 90
Nitrotoluenes, liquid o-; m-; p-; ..	6.1	UN1664	II	6.1	IB2, IP2, IP4, T7, TP2	None	202	243	5 L	60 L	A	.....
Nitrotoluenes, solid m-, or p-	6.1	UN1664	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
Nitrotoluidines (mono)	6.1	UN2660	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
Nitrotriazolone or NTO	1.1D	UN0490	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	<i>Nitrous oxide and carbon diox- ide mixtures, see Carbon di- oxide and nitrous oxide mix- tures.</i>												
	Nitrous oxide	2.2	UN1070		2.2, 5.1.		306	304	314, 315.	75 kg	150 kg	A	40
	Nitrous oxide, refrigerated liquid	2.2	UN2201		2.2, 5.1.	B6, T75, TP5, TP22	None	304	314, 315.	Forbidden	Forbidden	B	40
	Nitroxylenes, (o-; m-; p-)	6.1	UN1665	II	6.1	IB2, IP2, IP4, T7, TP2	None	202	243	5 L	60 L	A	
	<i>Nitroxylol, see Nitroxylenes</i>												
	Nonanes	3	UN1920	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	<i>Non-flammable gas, n.o.s., see Compressed gas, etc. or Liq- uefied gas, etc.</i>												
	<i>Nonliquefied gases, see Com- pressed gases, etc.</i>												
	<i>Nonliquefied hydrocarbon gas, see Hydrocarbon gas mixture, compressed, n.o.s..</i>												
	Nonyltrichlorosilane	8	UN1799	II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40
	<i>Nordhausen acid, see Sulfuric acid, fuming etc.</i>												
	2,5-Norbomadiene, stabilized, <i>see</i> Bicyclo 2,2,1 hepta-2,5- diene, stabilized.												
	Octadecyltrichlorosilane	8	UN1800	II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40
	Octadiene	3	UN2309	II	3	B1, IB2, T4, TP1	150	202	242	5 L	60 L	B	
	<i>1,7-Octadine-3,5-diyne-1,8- dimethoxy-9-octadecynoic acid.</i>	Forbidden											
	Octafluorobut-2-ene or Refrig- erant gas R 1318.	2.2	UN2422		2.2		None	304	314, 315.	75 kg	150 kg	A	
	Octafluorocyclobutane, or Re- frigerant gas RC 318.	2.2	UN1976		2.2	T50	None	304	314, 315.	75 kg	150 kg	A	

	Octafluoropropane or Refrigerant gas R 218.	2.2	UN2424	.....	2.2	T50	None	304	314, 315.	75 kg	150 kg	A	.....
	Octanes	3	UN1262	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Octogen, <i>etc.</i> , <i>see</i> Cyclotetramethylene tetranitramine, <i>etc.</i> .												
	Octolite or Octol, <i>dry or wetted with less than 15 percent water, by mass.</i>	1.1D	UN0266	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Octonal	1.1D	UN0496	.....	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Octyl aldehydes	3	UN1191	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Octyltrichlorosilane	8	UN1801	II	8	A7, B2, B6, IB2, N34, T7, TP2, TP13	None	202	242	Forbidden	30 L	C	40
	Oil gas, compressed	2.3	UN1071	.....	2.3, 2.1.		None	304	314, 315.	Forbidden	25 kg	D	40
	<i>Oleum, see Sulfuric acid, fuming Organic peroxide type A, liquid or solid.</i>	Forbidden											
G	Organic peroxide type B, liquid ..	5.2	UN3101	II	5.2, 1	53	152	225	None	Forbidden	Forbidden	D	12, 40
G	Organic peroxide type B, liquid, temperature controlled.	5.2	UN3111	II	5.2, 1	53	None	225	None	Forbidden	Forbidden	D	2, 40
G	Organic peroxide type B, solid ...	5.2	UN3102	II	5.2, 1	53	152	225	None	Forbidden	Forbidden	D	12, 40
G	Organic peroxide type B, solid, temperature controlled.	5.2	UN3112	II	5.2, 1	53	None	225	None	Forbidden	Forbidden	D	2, 40
G	Organic peroxide type C, liquid	5.2	UN3103	II	5.2		152	225	None	5 L	10 L	D	12, 40
G	Organic peroxide type C, liquid, temperature controlled.	5.2	UN3113	II	5.2		None	225	None	Forbidden	Forbidden	D	2, 40
G	Organic peroxide type C, solid ..	5.2	UN3104	II	5.2		152	225	None	5 kg	10 kg	D	12, 40
G	Organic peroxide type C, solid, temperature controlled.	5.2	UN3114	II	5.2		None	225	None	Forbidden	Forbidden	D	2, 40
G	Organic peroxide type D, liquid	5.2	UN3105	II	5.2		152	225	None	5 L	10 L	D	12, 40
G	Organic peroxide type D, liquid, temperature controlled.	5.2	UN3115	II	5.2		None	225	None	Forbidden	Forbidden	D	2, 40
G	Organic peroxide type D, solid ..	5.2	UN3106	II	5.2		152	225	None	5 kg	10 kg	D	12, 40
G	Organic peroxide type D, solid, temperature controlled.	5.2	UN3116	II	5.2		None	225	None	Forbidden	Forbidden	D	2, 40
G	Organic peroxide type E, liquid ..	5.2	UN3107	II	5.2		152	225	None	10 L	25 L	D	12, 40
G	Organic peroxide type E, liquid, temperature controlled.	5.2	UN3117	II	5.2		None	225	None	Forbidden	Forbidden	D	2, 40
G	Organic peroxide type E, solid ...	5.2	UN3108	II	5.2		152	225	None	10 kg	25 kg	D	12, 40
G	Organic peroxide type E, solid, temperature controlled.	5.2	UN3118	II	5.2		None	225	None	Forbidden	Forbidden	D	2, 40
G	Organic peroxide type F, liquid ..	5.2	UN3109	II	5.2	IB52, IP5, T23	152	225	225	10 L	25 L	D	12, 40
G	Organic peroxide type F, liquid, temperature controlled.	5.2	UN3119	II	5.2	IB52, IP5, T23	None	225	225	Forbidden	Forbidden	D	2, 40
G	Organic peroxide type F, solid ...	5.2	UN3110	II	5.2	IB52, T23	152	225	225	10 kg	25 kg	D	12, 40
G	Organic peroxide type F, solid, temperature controlled.	5.2	UN3120	II	5.2	IB52, T23	None	225	225	Forbidden	Forbidden	D	2

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
D	Organic phosphate, mixed with compressed gas or Organic phosphate compound, mixed with compressed gas or Organic phosphorus compound, mixed with compressed gas.	2.3	NA1955	.....	2.3	3	None	334	None	Forbidden	Forbidden	D	40
	Organic pigments, self-heating ..	4.2	UN3313	II	4.2	IB8, IP4	None	212	241	15 kg	50 kg	C	.....
	.....	.....	.....	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	C	.....
	Organoarsenic compound, n.o.s.	6.1	UN3280	I	6.1	5, IB7, IP1, T14, TP2, TP27	None	211	242	5 kg	50 kg	B	.....
	.....	.....	.....	II	6.1	IB8, IP2, IP4, T11, TP2, TP27	None	212	242	25 kg	100 kg	B	.....
	.....	.....	.....	III	6.1	IB8, IP3, T7, TP1, TP28	153	213	240	100 kg	200 kg	A	.....
	Organochlorine pesticides liquid, flammable, toxic, flash point less than 23 degrees C.	3	UN2762	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
	.....	.....	.....	II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	Organochlorine pesticides, liq- uid, toxic.	6.1	UN2996	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....	.....	.....	III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	Organochlorine pesticides, liq- uid, toxic, flammable, flash point not less than 23 degrees C.	6.1	UN2995	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....	.....	.....	III	6.1, 3	B1, IB3, T7, TP2, TP28	153	203	242	60 L	220 L	A	40
	Organochlorine, pesticides, solid, toxic.	6.1	UN2761	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40

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G	Organometallic compound or Compound solution or Compound dispersion, water-reactive, flammable, n.o.s..	4.3	UN3207	I	4.3, 3	T13, TP2, TP7	None	201	244	Forbidden	1 L	E	40
				II	4.3, 3	IB1, IP2, T7, TP2, TP7	None	202	243	1 L	5 L	E	40
				III	4.3, 3	IB2, IP4, T7, TP2, TP7	None	203	242	5 L	60 L	E	40
G	Organometallic compound, solid, water-reactive, flammable, n.o.s..	4.3	UN3372	I	4.3, 4.1.	IB4, N40	None	211	242	Forbidden	15 kg	E	40
				II	4.3, 4.1.	IB4	151	212	242	15 kg	50 kg	E	40
				III	4.3, 4.1.	IB6	151	213	241	25 kg	100 kg	E	40
G	Organometallic compound, toxic n.o.s..	6.1	UN3282	I	6.1	IB7, IP1, T14, TP2, TP27	None	211	242	5 kg	50 kg	B	.....
				II	6.1	IB8, IP2, IP4, T11, TP2, TP27	None	212	242	25 kg	100 kg	B	.....
				III	6.1	IB8, IP3, T7, TP1, TP28	153	213	240	100 kg	200 kg	A	.....
	Organophosphorus compound, toxic, flammable, n.o.s.	6.1	UN3279	I	6.1, 3	5, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	Organophosphorus compound, toxic n.o.s..	6.1	UN3278	I	6.1	5, IB7, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	.....
				II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L	B	.....
				III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	.....
	Organophosphorus pesticides, liquid, flammable, toxic, flash point less than 23 degrees C.	3	UN2784	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
				II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	Organophosphorus pesticides, liquid, toxic.	6.1	UN3018	I	6.1	N76, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
				II	6.1	IB2, N76, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
				III	6.1	IB3, N76, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	Organophosphorus pesticides, liquid, toxic, flammable, flash point not less than 23 degrees C.	6.1	UN3017	I	6.1, 3	N76, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
				II	6.1, 3	IB2, N76, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
				III	6.1, 3	B1, IB3, N76, T7, TP2, TP28	153	203	242	60 L	220 L	A	40
	Organophosphorus pesticides, solid, toxic.	6.1	UN2783	I	6.1	IB7, IP1, N77	None	211	242	5 kg	50 kg	A	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
	.....	.....		II	6.1	IB8, IP2, IP4, N77	None	212	242	25 kg	100 kg	A	40
	.....	.....		III	6.1	IB8, IP3, N77	153	213	240	100 kg	200 kg	A	40
	Organotin compounds, liquid, n.o.s.	6.1	UN2788	I	6.1	A3, N33, N34, T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....		II	6.1	A3, IB2, N33, N34, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	A	40
	.....	.....		III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	Organotin compounds, solid, n.o.s.	6.1	UN3146	I	6.1	A5, IB7, IP1	None	211	242	5 kg	50 kg	B	40
	.....	.....		II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
	.....	.....		III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	Organotin pesticides, liquid, flammable, toxic, <i>flash point less than 23 degrees C.</i>	3	UN2787	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
	.....	.....		II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	Organotin pesticides, liquid, toxic.	6.1	UN3020	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....		II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....	.....		III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	Organotin pesticides, liquid, toxic, flammable, <i>flash point not less than 23 degrees C.</i>	6.1	UN3019	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....		II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....	.....		III	6.1, 3	B1, IB3, T7, TP2, TP28	153	203	242	60 L	220 L	A	40
	Organotin pesticides, solid, toxic	6.1	UN2786	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
	.....	.....		I	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
	.....	.....		III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	Ortho-nitroaniline, Nitroanilines etc. see												

	Osmium tetroxide	6.1	UN2471	I	6.1	A8, IB7, IP1, N33, N34	None	211	242	5 kg	50 kg	B	40
D G	Other regulated substances, liq- uid, n.o.s..	9	NA3082	III	9	IB3, T2, TP1	155	203	241	No limit	No limit	A	.....
D G	Other regulated substances, solid, n.o.s..	9	NA3077	III	9	B54, IB8, IP2	155	213	240	No limit	No limit	A	.....
G	Oxidizing liquid, corrosive, n.o.s.	5.1	UN3098	I	5.1, 8		None	201	244	Forbidden	2.5 L	D	13, 56, 58, 69, 106
	.....			II	5.1, 8	IB1	None	202	243	1 L	5 L	B	34, 56, 58, 69, 106
	.....			III	5.1, 8	IB2	152	203	242	2.5 L	30 L	B	34, 56, 58, 69, 106
G	Oxidizing liquid, n.o.s.	5.1	UN3139	I	5.1	127, A2	None	201	243	Forbidden	2.5 L	D	56, 58, 69, 106
	.....			II	5.1	127, A2, IB2	152	202	242	1 L	5 L	B	56, 58, 69, 106
	.....			III	5.1	127, A2, IB2	152	203	241	2.5 L	30 L	B	56, 58, 69, 106
G	Oxidizing liquid, toxic, n.o.s.	5.1	UN3099	I	5.1, 6.1.		None	201	244	Forbidden	2.5 L	D	56, 58, 69, 106
	.....			II	5.1, 6.1.	IB1	None	202	243	1 L	5 L	B	56, 58, 95, 106
	.....			III	5.1, 6.1.	IB2	152	203	242	2.5 L	30 L	B	56, 58, 95, 106
G	Oxidizing solid, corrosive, n.o.s.	5.1	UN3085	I	5.1, 8		None	211	242	1 kg	15 kg	D	13, 56, 58, 69, 106
	.....			II	5.1, 8	IB6, IP2	None	212	242	5 kg	25 kg	B	13, 34, 56, 58, 69, 106
	.....			III	5.1, 8	IB8, IP3	152	213	240	25 kg	100 kg	B	13, 34, 56, 58, 69, 106
G	Oxidizing solid, flammable, n.o.s..	5.1	UN3137	I	5.1, 4.1.		None	214	214	Forbidden	Forbidden		.....
G	Oxidizing solid, n.o.s.	5.1	UN1479	I	5.1	IB6, IP1	None	211	242	1 kg	15 kg	D	56, 58, 69, 106
	.....			II	5.1	IB8, IP2, IP4	152	212	240	5 kg	25 kg	B	56, 58, 69, 106
	.....			III	5.1	IB8, IP3	152	213	240	25 kg	100 kg	B	56, 58, 69, 106
G	Oxidizing solid, self-heating, n.o.s..	5.1	UN3100	II	5.1, 4.2.		None	214	214	Forbidden	Forbidden		.....
G	Oxidizing solid, toxic, n.o.s.	5.1	UN3087	I	5.1, 6.1.		None	211	242	1 kg	15 kg	D	56, 58, 69, 106

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	.....	.....		II	5.1, 6.1.	IB6, IP2	None	212	242	5 kg	25 kg	B	56, 58, 69, 95, 106
	.....	.....		III	5.1, 6.1.	IB8, IP3	152	213	240	25 kg	100 kg	B	56, 58, 69, 95, 106
G	Oxidizing solid, water-reactive, n.o.s. <i>Oxygen and carbon dioxide mix- tures, see Carbon dioxide and oxygen mixtures.</i>	5.1	UN3121	.....	5.1, 4.3.		None	214	214	Forbidden	Forbidden		.....
	Oxygen, compressed	2.2	UN1072	.....	2.2, 5.1.	A52	306	302	314, 315.	75 kg	150 kg	A	.....
	Oxygen difluoride, compressed	2.3	UN2190	.....	2.3, 5.1, 8.	1	None	304	None ...	Forbidden	Forbidden	D	13, 40, 89, 90
	Oxygen generator, chemical (<i>in- cluding when contained in as- sociated equipment, e.g., pas- senger service units (PSUs), portable breathing equipment (PBE), etc.</i>).	5.1	UN3356	II	5.1	60, A51	None	212	None ...	Forbidden	25 kg gross	D	56, 58, 69, 106
+	Oxygen generator, chemical, spent. <i>Oxygen, mixtures with rare gases, see Rare gases and oxygen mixtures.</i>	9	NA3356	III	9	61	None	213	None ...	Forbidden	Forbidden	A	.....
	Oxygen, refrigerated liquid (<i>cry- genic liquid</i>).	2.2	UN1073	.....	2.2, 5.1.	T75, TP5, TP22	320	316	318	Forbidden	Forbidden	D	.....
	Paint including paint, lacquer, enamel, stain, shellac solu- tions, varnish, polish, liquid filler, and liquid lacquer base.	3	UN1263	I	3	T11, TP1, TP8	150	201	243	1 L	30 L	E	.....
				II	3	149, B52, IB2, T4, TP1, TP8	150	173	242	5 L	60 L	B	.....
				III	3	B1, B52, IB3, T2, TP1	150	173	242	60 L	220 L	A	.....
	Paint or Paint related material ...	8	UN3066	II	8	B2, IB2, T7, TP2	154	173	242	1 L	30 L	A	.....

			III 8	B52, IB3, T4, TP1	154	173	241	5 L	60 L	A	
	Paint related material <i>including paint thinning, drying, removing, or reducing compound.</i>	3 UN1263	I 3	T11, TP1, TP8	150	201	243	1 L	30 L	E	
			II 3	149, B52, IB2, T4, TP1, TP8	150	173	242	5 L	60 L	B	
			III 3	B1, B52, IB3, T2, TP1	150	173	242	60 L	220 L	A	
	Paper, unsaturated oil treated incompletely dried (including carbon paper).	4.2 UN1379	III 4.2	IB8, IP3	None	213	241	Forbidden	Forbidden	A	
	Paraformaldehyde	4.1 UN2213	III 4.1	A1, IB8, IP3	151	213	240	25 kg	100 kg	A	
	Paraldehyde	3 UN1264	III 3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	<i>Paranitroaniline, solid, see Nitroanilines etc.</i>										
D	Parathion and compressed gas mixture.	2.3 NA1967	2.3		3	None	334	245	Forbidden	Forbidden	E 40
	<i>Paris green, solid, see Copper acetoarsenite.</i>										
A W	PCB, <i>see</i> Polychlorinated biphenyls.										
+	Pentaborane	4.2 UN1380	I 4.2, 6.1.		1	None	205	245	Forbidden	Forbidden	D
	Pentachloroethane	6.1 UN1669	II 6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	40
	Pentachlorophenol	6.1 UN3155	II 6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	
	<i>Pentaerythrite tetranitrate (dry) ..</i>	Forbidden									
	<i>Pentaerythrite tetranitrate mixture, desensitized, solid, n.o.s. with more than 10 percent but not more than 20 percent PETN, by mass.</i>	4.1 UN3344	II 4.1	118, N85	None	214	None	Forbidden	Forbidden	E	
	<i>Pentaerythrite tetranitrate or Pentaerythritol tetranitrate or PETN, with not less than 7 percent wax by mass.</i>	1.1D UN0411	II 1.1D		None	62	None	Forbidden	Forbidden	10	
	<i>Pentaerythrite tetranitrate, wetted or Pentaerythritol tetranitrate, wetted, or PETN, wetted with not less than 25 percent water, by mass, or Pentaerythrite tetranitrate, or Pentaerythritol tetranitrate or PETN, desensitized with not less than 15 percent phlegmatizer by mass.</i>	1.1D UN0150	II 1.1D		121	None	62	None	Forbidden	Forbidden	10
	<i>Pentaerythritol tetranitrate, see Pentaerythrite tetranitrate, etc.</i>										
	Pentafluoroethane or Refrigerant gas R 125.	2.2 UN3220	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

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Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Pentamethylheptane	3	UN2286	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Pentane-2,4-dione	3	UN2310	III	3, 6.1	B1, IB3, T4, TP1	150	203	242	60 L	220 L	A	.....
	Pentanes	3	UN1265	I	3	T11, TP2	150	201	243	1 L	30 L	E	.....
	<i>Pentanitroaniline (dry)</i>	Forbidden		II	3	IB2, T4, TP1	150	202	242	5 L	60 L	E	.....
	Pentanol	3	UN1105	II	3	IB2, T4, TP1, TP29	150	202	242	5 L	60 L	B	.....
	.....			III	3	B1, B3, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	1-Pentene (<i>n</i> -amylene)	3	UN1108	I	3	T11, TP2	150	201	243	1 L	30 L	E	.....
	1-Pentol	8	UN2705	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	B	38
	Pentolite, <i>dry or wetted with less than 15 percent water, by mass.</i>	1.1D	UN0151	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Perchlorates, inorganic, aqueous solution, n.o.s.	5.1	UN3211	II	5.1	IB2, T4, TP1	152	202	242	1 L	5 L	B	46, 56, 58
	.....			III	5.1	IB2, T4, TP1	152	202	241	2.5 L	30 L	B	56, 58, 69, 106
	<i>Pepper spray, see Aerosols, etc. or Self-defense spray, non-pressurized.</i>			III	5.1		152	203	241	2.5 L	30 L	B	56, 58, 69, 106
	Perchlorates, inorganic, n.o.s.	5.1	UN1481	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	46, 56
	<i>Perchloric acid, with more than 72 percent acid by mass.</i>	Forbidden		III	5.1	IB8, IP3	152	213	240	25 kg	100 kg	A	46, 56
	<i>Perchloric acid with more than 50 percent but not more than 72 percent acid, by mass.</i>	5.1	UN1873	I	5.1, 8	A2, A3, N41, T10, TP1, TP12	None	201	243	Forbidden	2.5 L	D	66
	<i>Perchloric acid with not more than 50 percent acid by mass.</i>	8	UN1802	II	8, 5.1	IB2, N41, T7, TP2	None	202	243	Forbidden	30 L	C	66
	<i>Perchloroethylene, see Tetrachloroethylene.</i>												
	Perchloromethyl mercaptan	6.1	UN1670	I	6.1	2, A3, A7, B9, B14, B32, B74, N34, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
	Perchloryl fluoride	2.3	UN3083	2.3, 5.1.	2, B9, B14	None	302	314, 315.	Forbidden	Forbidden	D	40

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	<i>Percussion caps, see Primers, cap type.</i>																		
	<i>Perfluoro-2-butene, see Octafluorobut-2-ene.</i>																		
	Perfluoro(ethyl vinyl ether)	2.1	UN3154	.....	2.1	.....	306	.....	302, 304, 305.	314, 315.	Forbidden	150 kg	E	40					
	Perfluoro(methyl vinyl ether)	2.1	UN3153	.....	2.1	.....	T50	306	.....	302, 304, 305.	314, 315.	Forbidden	150 kg	E	40				
	Perfumery products with flammable solvents.	3	UN1266	II	3	.....	149, IB2, T4, TP1, TP8	150	.....	202	.....	242	.....	15 L	60 L	B			
	Permanganates, inorganic, aqueous solution, n.o.s..	5.1	UN3214	II	5.1	.....	B1, IB3, T2, TP1 26, IB2, T4, TP1	150	.....	203	.....	242	.....	60 L	220 L	A			
	Permanganates, inorganic, n.o.s..	5.1	UN1482	II	5.1	.....	26, A30, IB6, IP2	152	.....	212	.....	242	.....	1 L	5 L	D			56, 58, 69, 106, 107
	.....			III	5.1	.....	26, A30, IB8, IP3	152	.....	213	.....	240	.....	25 kg	100 kg	D			56, 58, 69, 106, 107
	Peroxides, inorganic, n.o.s.	5.1	UN1483	II	5.1	.....	A7, A20, IB6, IP2, N34	None	.....	212	.....	242	.....	5 kg	25 kg	A			13, 75, 106
	.....			III	5.1	.....	A7, A20, IB8, IP3, N34	152	.....	213	.....	240	.....	25 kg	100 kg	A			13, 75, 106
	<i>Peroxyacetic acid, with more than 43 percent and with more than 6 percent hydrogen peroxide.</i>	Forbidden																	
	Persulfates, inorganic, aqueous solution, n.o.s..	5.1	UN3216	III	5.1	.....	IB2, T4, TP1, TP29	152	.....	203	.....	241	.....	2.5 L	30 L	A			
	Persulfates, inorganic, n.o.s.	5.1	UN3215	III	5.1	.....	IB8, IP3	152	.....	213	.....	240	.....	25 kg	100 kg	A			
G	Pesticides, liquid, flammable, toxic, flash point less than 23 degrees C.	3	UN3021	I	3, 6.1		B5, T14, TP2, TP13, TP27	None	.....	201	.....	243	.....	Forbidden	30 L	B			
	.....			II	3, 6.1		IB2, T11, TP2, TP13, TP27	None	.....	202	.....	243	.....	1 L	60 L	B			
G	Pesticides, liquid, toxic, flammable, n.o.s. flash point not less than 23 degrees C.	6.1	UN2903	I	6.1, 3		T14, TP2, TP13, TP27	None	.....	201	.....	243	.....	1 L	30 L	B			40
	.....			II	6.1, 3		IB2, T11, TP2, TP13, TP27	None	.....	202	.....	243	.....	5 L	60 L	B			40
	.....			III	6.1, 3		B1, IB3, T7, TP2	153	.....	203	.....	242	.....	60 L	220 L	A			40
G	Pesticides, liquid, toxic, n.o.s.	6.1	UN2902	I	6.1	.....	T14, TP2, TP13, TP27	None	.....	201	.....	243	.....	1 L	30 L	B			40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age						
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)					
G	.....	.....	UN2588	II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40			
	.....	.....		III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40			
	Pesticides, solid, toxic, n.o.s.	6.1		I	6.1	IB7	None	211	242	5 kg	50 kg	A	40					
	.....	.....		II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40			
	.....	.....		III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40			
	PETN, see Pentaerythrite tetranitrate.				
	PETN/TNT, see Pentolite, etc				
	Petrol, see Gasoline				
	Petroleum crude oil	3		UN1267	I	3	144, T11, TP1, TP8	None	201	243	1 L	30 L	E				
			II	3	144, IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B				
.....	.....	II	3		144, B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....					
Petroleum distillates, n.o.s. or Petroleum products, n.o.s.	3	UN1268	I		3	144, T11, TP1, TP8	150	201	243	1 L	30 L	E	.....				
.....	.....		II		3	144, IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B	.....				
.....	.....		III		3	144, B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	.....				
Petroleum gases, liquefied or Liquefied petroleum gas.	2.1		UN1075		2.1	T50	306	304	314, 315.	Forbidden	150 kg	E	40				
Petroleum oil	3				NA1270	I	3	144, T11, TP1, TP9	None	201	243	1 L	30 L	E			
.....					II	3	144, IB2, T7, TP1, TP8, TP28	150	202	242	5 L	60 L	B			
.....					III	3	144, B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A			
Phenacyl bromide	6.1			UN2645		II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	B	40			
Phenetidines	6.1					UN2311	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A		
Phenol, molten	6.1						UN2312	II	6.1	B14, T7, TP3	None	202	243	Forbidden	Forbidden	B	40	
Phenol, solid	6.1	UN1671						II	6.1	IB8, IP2, IP4, N78, T6, TP2	None	212	242	25 kg	100 kg	A	
Phenol solutions	6.1							UN2821	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A
.....								III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A
Phenolsulfonic acid, liquid	8		UN1803						II	8	B2, IB2, N41, T7, TP2	154	202	242	1 L	30 L	C	14

Phenoxyacetic acid derivative pesticide, liquid, flammable, toxic flash point less than 23 degrees C.	3	UN3346	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
			II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
Phenoxyacetic acid derivative pesticide, liquid, toxic.	6.1	UN3348	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
			II	6.1	IB2, T11, TP2, TP27	153	202	243	5 L	60 L	B	40
			III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
Phenoxyacetic acid derivative pesticide, liquid, toxic, flammable, flash point not less than 23 degrees C.	6.1	UN3347	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
			II	6.1, 3	IB2, T11, TP2, TP13, TP27	153	202	243	5 L	60 L	B	40
			III	6.1, 3	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
Phenoxyacetic acid derivative pesticide, solid, toxic.	6.1	UN3345	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
			II	6.1	IB8, IP2, IP4	153	212	242	25 kg	100 kg	A	40
			III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
Phenyl chloroformate	6.1	UN2746	II	6.1, 8	IB2, T7, TP2, TP13	None	202	243	1 L	30 L	A	12, 13, 21, 25, 40, 100
Phenyl isocyanate	6.1	UN2487	I	6.1, 3	2, B9, B14, B32, B74, B77, N33, N34, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40
Phenyl mercaptan	6.1	UN2337	I	6.1, 3	2, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	B	26, 40
Phenyl phosphorus dichloride	8	UN2798	II	8	B2, B15, IB2, T7, TP2	154	202	242	Forbidden	30 L	B	40
Phenyl phosphorus thiodichloride.	8	UN2799	II	8	B2, B15, IB2, T7, TP2	154	202	242	Forbidden	30 L	B	40
Phenyl urea pesticides, liquid, toxic.	6.1	UN3002	I	6.1	T14, TP2, TP27	None	201	243	1 L	30 L	B	40
			II	6.1	T7, TP2	None	202	243	5 L	60 L	B	40
			III	6.1	T4, TP1	153	203	241	60 L	220 L	A	40
Phenylacetonitrile, liquid	6.1	UN2470	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	26
Phenylacetyl chloride	8	UN2577	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	C	40
Phenylcarbamylamine chloride	6.1	UN1672	I	6.1	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
	<i>m</i> -Phenylene diaminediperchlorate (dry).	Forbidden			.....		.....	.....	.....	.....	.....	.....	.....
+	Phenylenediamines (<i>o</i> -, <i>m</i> -, <i>p</i> -)	6.1	UN1673	III	6.1	IB8, IP3, T7, TP1	153	213	240	100 kg	200 kg	A	.....
	Phenylhydrazine	6.1	UN2572	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	40
	Phenylmercuric acetate	6.1	UN1674	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Phenylmercuric compounds, n.o.s.	6.1	UN2026	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	.....
	.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Phenylmercuric hydroxide	6.1	UN1894	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Phenylmercuric nitrate	6.1	UN1895	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Phenyltrichlorosilane	8	UN1804	II	8	A7, B6, IB2, N34, T7, TP2	None	202	242	Forbidden	30 L	C	40
	Phosgene	2.3	UN1076	.....	2.3	1, B7, B46	None	192	314	Forbidden	Forbidden	D	40
	9-Phosphabicyclononanes or Cyclooctadiene phosphines.	4.2	UN2940	II	4.2	A19, IB6, IP2	None	212	241	15 kg	50 kg	A	.....
	Phosphine	2.3	UN2199	.....	2.3	1	None	192	245	Forbidden	Forbidden	D	40
	.....	.....	.....	.....	2.1	.....	.....	.....	.....	.....	.....	.....	.....
	Phosphoric acid, liquid	8	UN1805	III	8	A7, IB3, IP3, N34, T4, TP1	154	203	241	5 L	60 L	A	.....
	Phosphoric acid, solid	8	UN1805	III	8	IB8, IP3, T3, TP1	154	213	240	25 kg	100 kg	A	.....
	<i>Phosphoric acid triethyleneimine, see</i> Tris-(1-aziridyl)phosphine oxide, so- lution.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Phosphoric anhydride, see</i> Phosphorus pentoxide.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Phosphorous acid	8	UN2834	III	8	IB8, IP3, T3, TP1	154	213	240	25 kg	100 kg	A	48
	Phosphorus, amorphous	4.1	UN1338	III	4.1	A1, A19, B1, B9, B26, IB8, IP3	None	213	243	25 kg	100 kg	A	74
	<i>Phosphorus bromide, see</i> Phos- phorus tribromide.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Phosphorus chloride, see</i> Phos- phorus trichloride.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Phosphorus heptasulfide, free from yellow or white phos- phorus.	4.1	UN1339	II	4.1	A20, IB4, N34	None	212	240	15 kg	50 kg	B	74

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Phosphorus oxybromide	8	UN1939	II	8	B8, IB8, IP2, IP4, N41, N43, T7, TP2	None	212	240	Forbidden	50 kg	C	12, 40
Phosphorus oxybromide, molten	8	UN2576	II	8	.....	B2, B8, IB1, N41, N43, T7, TP3, TP13	None	.....	202	.....	242	.....	Forbidden	Forbidden	C	40
+ Phosphorus oxychloride	8	UN1810	II	8, 6.1		2, A7, B9, B14, B32, B74, B77, N34, T20, TP2, TP38, TP45	None	.....	227	.....	244	.....	Forbidden	Forbidden	C	40
Phosphorus pentabromide	8	UN2691	II	8	.....	A7, IB8, IP2, IP4, N34	154	.....	212	.....	240	.....	Forbidden	50 kg	B	12, 40
Phosphorus pentachloride	8	UN1806	II	8	.....	A7, IB8, IP2, IP4, N34	None	.....	212	.....	240	.....	Forbidden	50 kg	C	40
Phosphorus pentafluoride	2.3	UN2198	.....	2.3, 8		2, B9, B14	None	.....	302, 304.	.....	314, 315.	.....	Forbidden	Forbidden	D	40
Phosphorus pentasulfide, <i>free from yellow or white phosphorus.</i>	4.3	UN1340	II	4.3, 4.1.		A20, B59, IB4	151	.....	212	.....	242	.....	15 kg	50 kg	B	74
Phosphorus pentoxide	8	UN1807	II	8	.....	A7, IB8, IP2, IP4, N34	154	.....	212	.....	240	.....	15 kg	50 kg	A	.....
Phosphorus sesquisulfide, <i>free from yellow or white phosphorus.</i>	4.1	UN1341	II	4.1	.....	A20, IB4, N34	None	.....	212	.....	240	.....	15 kg	50 kg	B	74
Phosphorus tribromide	8	UN1808	II	8	.....	A3, A6, A7, B2, B25, IB2, N34, N43, T7, TP2	None	.....	202	.....	242	.....	Forbidden	30 L	C	40
Phosphorus trichloride	6.1	UN1809	I	6.1, 8		2, B9, B14, B15, B32, B74, B77, N34, T20, TP2, TP13, TP38, TP45	None	.....	227	.....	244	.....	Forbidden	Forbidden	C	40
Phosphorus trioxide	8	UN2578	III	8	.....	IB8, IP3	154	.....	213	.....	240	.....	25 kg	100 kg	A	12
Phosphorus trisulfide, <i>free from yellow or white phosphorus.</i>	4.1	UN1343	II	4.1	.....	A20, IB4, N34	None	.....	212	.....	240	.....	15 kg	50 kg	B	74
Phosphorus, white dry <i>or</i> Phosphorus, white, under water <i>or</i> Phosphorus white, in solution <i>or</i> Phosphorus yellow dry <i>or</i> Phosphorus, yellow, under water <i>or</i> Phosphorus, yellow, in solution.	4.2	UN1381	I	4.2, 6.1.		B9, B26, N34, T9, TP3, TP31	None	.....	188	.....	243	.....	Forbidden	Forbidden	E	.....
Phosphorus white, molten	4.2	UN2447	I	4.2, 6.1.		B9, B26, N34, T21, TP3, TP7, TP26	None	.....	188	.....	243	.....	Forbidden	Forbidden	D	.....
<i>Phosphorus (white or red) and a chlorate, mixtures of.</i>	Forbidden															
<i>Phosphoryl chloride, see Phosphorus oxychloride.</i>	.....														

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica- tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca- tion (10A)	Other (10B)
	Phthalic anhydride <i>with more than .05 percent maleic anhy- dride.</i>	8	UN2214	III	8	IB8, IP3, T4, TP3	154	213	240	25 kg	100 kg	A	.....
	Picolines	3	UN2313	III	3	B1, IB3, T4, TP1	150	203	242	60 L	220 L	A	40
	Picric acid, <i>see</i> Trinitrophenol, <i>etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Picrite, <i>see</i> Nitroguanidine, <i>etc.</i> ..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Picryl chloride, <i>see</i> Trinitrochlorobenzene.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Pine oil	3	UN1272	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	alpha-Pinene	3	UN2368	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Piperazine	8	UN2579	III	8	IB8, IP3, T4, TP1, TP30	154	213	240	25 kg	100	A	12
	Piperidine	8	UN2401	I	8, 3	T10, TP2	None	201	243	0.5 L	2.5 L	B	.....
	<i>Pivaloyl chloride, see</i> Trimethylacetyl chloride.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Plastic molding compound <i>in dough, sheet or extruded rope form evolving flammable vapor.</i>	9	UN3314	III	9	32, IB8, IP6	155	221	221	100 kg	200 kg	A	85, 87
	<i>Plastic solvent, n.o.s., see</i> Flam- mable liquids, n.o.s..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Plastics, nitrocellulose-based, self-heating, n.o.s..	4.2	UN2006	III	4.2 .....	.....	None	213	None	Forbidden	Forbidden	C	.....
	<i>Poisonous gases, n.o.s., see</i> Compressed or liquefied gases, flammable or toxic, n.o.s..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Polyalkylamines, n.o.s., see</i> Amines, <i>etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Polychlorinated biphenyls, liquid	9	UN2315	II	9	9, 81, 140, IB3, T4, TP1	155	202	241	100 L	220 L	A	95
	Polychlorinated biphenyls, solid	9	UN2315	II	9	9, 81, 140, IB7	155	212	240	100 kg	200 kg	A	95
	Polyester resin kit	3	UN3269	.....	3	40	152	225	None	5 kg	5 kg	B	.....
	Polyhalogenated biphenyls, liq- uid or Polyhalogenated terphenyls liquid.	9	UN3151	II	9	IB3	155	204	241	100 L	220 L	A	95

Polyhalogenated biphenyls, solid or Polyhalogenated terphenyls, solid.	9	UN3152	II	9	.....	IB8, IP2, IP4	155	.....	204	.....	241	.....	100 kg	200 kg	A	95
Polymeric beads, expandable, evolving flammable vapor.	9	UN2211	III	9	.....	32, IB8, IP6, IP7	155	.....	221	.....	221	.....	100kg	200kg	A	85, 87
Potassium	4.3	UN2257	I	4.3	.....	A19, A20, B27, IB1, IP1, N6, N34, T9, TP3, TP7, TP31	None	.....	211	.....	244	.....	Forbidden	15 kg	D	
Potassium arsenate	6.1	UN1677	II	6.1	.....	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	.....
Potassium arsenite	6.1	UN1678	II	6.1	.....	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	.....
Potassium bisulfite solution, see Bisulfites, aqueous solutions, n.o.s..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Potassium borohydride	4.3	UN1870	I	4.3	.....	A19, N40	None	.....	211	.....	242	.....	Forbidden	15 kg	E	.....
Potassium bromate	5.1	UN1484	II	5.1	.....	IB8, IP4	152	.....	212	.....	242	.....	5 kg	25 kg	A	56, 58, 106
Potassium carbonyl	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Potassium chlorate	5.1	UN1485	II	5.1	.....	A9, IB8, IP4, N34	152	.....	212	.....	242	.....	5 kg	25 kg	A	56, 58, 106
Potassium chlorate, aqueous solution.	5.1	UN2427	II	5.1	.....	A2, IB2, T4, TP1	152	.....	202	.....	241	.....	1 L	5 L	B	56, 58, 106
.....	.....	.....	III	5.1	.....	A2, IB2, T4, TP1	152	.....	203	.....	241	.....	2.5 L	30 L	B	56, 58, 69, 106
Potassium chlorate mixed with mineral oil, see Explosive, blasting, type C.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Potassium cuprocyanide	6.1	UN1679	II	6.1	.....	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	26
Potassium cyanide	6.1	UN1680	I	6.1	.....	B69, B77, IB7, IP1, N74, N75, T14, TP2, TP13	None	.....	211	.....	242	.....	5 kg	50 kg	B	52
Potassium dichloro isocyanurate or Potassium dichloro-s-triazinetrione, see Dichloroisocyanuric acid, dry or Dichloroisocyanuric acid salts etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Potassium dithionite or Potassium hydrosulfite.	4.2	UN1929	II	4.2	.....	A8, A19, A20, IB6, IP2	None	.....	212	.....	241	.....	15 kg	50 kg	E	13
Potassium fluoride	6.1	UN1812	III	6.1	.....	IB8, IP3, T4, TP1	153	.....	213	.....	240	.....	100 kg	200 kg	A	26
Potassium fluoroacetate	6.1	UN2628	I	6.1	.....	IB7, IP1	None	.....	211	.....	242	.....	5 kg	50 kg	E	.....
Potassium fluorosilicate	6.1	UN2655	III	6.1	.....	IB8, IP3	153	.....	213	.....	240	.....	100 kg	200 kg	A	26
Potassium hydrate, see Potassium hydroxide, solid.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Potassium hydrogen fluoride, see Potassium hydrogen difluoride.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Potassium hydrogen fluoride solution, see Corrosive liquid, n.o.s..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Potassium hydrogen sulfate	8	UN2509	II	8	A7, IB8, IP2, IP4, N34	154	212	240	15 kg	50 kg	A	.....
	Potassium hydrogendifluoride, <i>solid.</i>	8	UN1811	II	8, 6.1	IB8, IP2, IP4, N3, N34, T7, TP2	154	212	240	15 kg	50 kg	A	25, 26, 40
	Potassium hydrogendifluoride, <i>solution.</i>	8	UN1811	II	8, 6.1	IB8, IP2, IP4, N3, N34, T7, TP2	154	202	243	1 L	30 L	A	25, 26, 40
	Potassium hydrosulfite, <i>see</i> Potas- sium dithionite.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Potassium hydroxide, liquid, <i>see</i> Potassium hydroxide solution.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Potassium hydroxide, solid	8	UN1813	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....
	Potassium hydroxide, solution ...	8	UN1814	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	.....
	.....	.....	.....	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Potassium hypochlorite, <i>solution,</i> <i>see</i> Hypochlorite solutions, <i>etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Potassium, metal alloys	4.3	UN1420	I	4.3	A19, A20, B27, IB4, IP1	None ...	211	244	Forbidden	15 kg	D	.....
	Potassium metal, liquid alloy, <i>see</i> Alkali metal alloys, liquid, n.o.s..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Potassium metavanadate	6.1	UN2864	II	6.1	IB8, IP2, IP4	None ...	212	242	25 kg	100 kg	A	.....
	Potassium monoxide	8	UN2033	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	.....
	Potassium nitrate	5.1	UN1486	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Potassium nitrate and sodium nitrite mixtures.	5.1	UN1487	II	5.1	B78, IB8, IP4	152	212	240	5 kg	25 kg	A	56, 58
	Potassium nitrite	5.1	UN1488	II	5.1	IB8, IP4	152	212	242	5 kg	25 kg	A	56, 58
	Potassium perchlorate, solid	5.1	UN1489	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	56, 58, 106
	Potassium perchlorate, solution	5.1	UN1489	II	5.1	IB2, T4, TP1	152	202	242	1 L	5 L	A	56, 58, 106
	Potassium permanganate	5.1	UN1490	II	5.1	IB8, IP4	152	212	240	5 kg	25 kg	D	56, 58, 69, 106, 107
	Potassium peroxide	5.1	UN1491	I	5.1	A20, IB6, IP1, N34	None ...	211	None ...	Forbidden	15 kg	B	13, 75, 106
	Potassium persulfate	5.1	UN1492	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....

Potassium phosphide	4.3	UN2012	I	4.3, 6.1.	A19, N40	None	211	None	Forbidden	15 kg	E	40, 85
<i>Potassium selenate, see Selenates or Selenites.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<i>Potassium selenite, see Selenates or Selenites.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Potassium sodium alloys	4.3	UN1422	I	4.3	A19, B27, IB4, IP1, N34, N40, T9, TP3, TP7, TP31	None	211	244	Forbidden	15 kg	D	.....
Potassium sulfide, anhydrous or Potassium sulfide with less than 30 percent water of crystallization.	4.2	UN1382	II	4.2	A19, A20, B16, IB6, IP2, N34	None	212	241	15 kg	50 kg	A	.....
Potassium sulfide, hydrated with not less than 30 percent water of crystallization.	8	UN1847	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	26
Potassium superoxide	5.1	UN2466	I	5.1	A20, IB6, IP1	None	211	None	Forbidden	15 kg	B	13, 75, 106
Powder cake, wetted or Powder paste, wetted with not less than 17 percent alcohol by mass.	1.1C	UN0433	II	1.1C ..	.....	None	62	None	Forbidden	Forbidden	10	.....
Powder cake, wetted or Powder paste, wetted with not less than 25 percent water, by mass.	1.3C	UN0159	II	1.3C ..	.....	None	62	None	Forbidden	Forbidden	10	.....
Powder paste, see Powder cake, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Powder, smokeless	1.1C	UN0160	II	1.1C ..	.....	None	62	None	Forbidden	Forbidden	.....	26E
Powder, smokeless	1.3C	UN0161	II	1.3C ..	.....	None	62	None	Forbidden	Forbidden	.....	26E
<i>Power device, explosive, see Cartridges, power device.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Primers, cap type	1.4S	UN0044	II	None	.....	None	62	None	25 kg	100 kg	05	.....
Primers, cap type	1.1B	UN0377	II	1.1B ...	.....	None	62	None	Forbidden	Forbidden	11	.....
Primers, cap type	1.4B	UN0378	II	1.4B ...	.....	None	62	None	Forbidden	75 kg	06	.....
<i>Primers, small arms, see Primers, cap type.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Primers, tubular	1.3G	UN0319	II	1.3G ..	.....	None	62	None	Forbidden	Forbidden	07	.....
Primers, tubular	1.4G	UN0320	II	1.4G ..	.....	None	62	None	Forbidden	75 kg	06	.....
Primers, tubular	1.4S	UN0376	II	None	.....	None	62	None	25 kg	100 kg	05	.....
Printing ink, flammable or Printing ink related material (including printing ink thinning or reducing compound, flammable).	3	UN1210	I	3	T11, TP1, TP8	150	173	243	1 L	30 L	E.	.....
.....	.....	.....	II	3	149, IB2, T4, TP1, TP8	150	173	242	5 L	60 L	B.	.....
.....	.....	.....	III	3	B1, IB3, T2, TP1	150	173	242	60 L	220 L	A.	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	<i>Projectiles, illuminating, see Am- munition, illuminating, etc.</i>	.....			.....		.....	.....	.....	.....	.....		.....
	<i>Projectiles, inert with tracer</i>	1.4S	UN0345	II	1.4S ..		.....	62	None	25 kg	100 kg	01	.....
	<i>Projectiles, inert, with tracer</i>	1.3G	UN0424	II	1.3G ..		.....	62	None	Forbidden	Forbidden	03	.....
	<i>Projectiles, inert, with tracer</i>	1.4G	UN0425	II	1.4G ..		.....	62	None	Forbidden	75 kg	02	.....
	<i>Projectiles, with burster or expel- ling charge.</i>	1.2D	UN0346	II	1.2D ..		.....	62	None	Forbidden	Forbidden	03	.....
	<i>Projectiles, with burster or expel- ling charge.</i>	1.4D	UN0347	II	1.4D ..		.....	62	None	Forbidden	75 kg	02	.....
	<i>Projectiles, with burster or expel- ling charge.</i>	1.2F	UN0426	II	1.2F ..		.....	62	None	Forbidden	Forbidden	08	.....
	<i>Projectiles, with burster or expel- ling charge.</i>	1.4F	UN0427	II	1.4F ..		.....	62	None	Forbidden	Forbidden	08	.....
	<i>Projectiles, with burster or expel- ling charge.</i>	1.2G	UN0434	II	1.2G ..		.....	62	None	Forbidden	Forbidden	03	.....
	<i>Projectiles, with burster or expel- ling charge.</i>	1.4G	UN0435	II	1.4G ..		.....	62	None	Forbidden	75 kg	02	.....
	<i>Projectiles, with bursting charge</i>	1.1F	UN0167	II	1.1F ..		.....	62	None	Forbidden	Forbidden	08	.....
	<i>Projectiles, with bursting charge</i>	1.1D	UN0168	II	1.1D ..		.....	62	None	Forbidden	Forbidden	03	.....
	<i>Projectiles, with bursting charge</i>	1.2D	UN0169	II	1.2D ..		.....	62	None	Forbidden	Forbidden	03	.....
	<i>Projectiles, with bursting charge</i>	1.2F	UN0324	II	1.2F ..		.....	62	None	Forbidden	Forbidden	08	.....
	<i>Projectiles, with bursting charge</i>	1.4D	UN0344	II	1.4D ..		.....	62	None	Forbidden	75 kg	02	.....
	<i>Propadiene, stabilized</i>	2.1	UN2200	.....	2.1		None	304	314, 315.	Forbidden	150 kg	B	40
	<i>Propadiene mixed with methyl acetylene, see Methyl acetylene and propadiene mixtures, stabilized.</i>	.....			.....		.....	.....	.....	.....	.....		.....
	<i>Propane see also Petroleum gases, liquefied.</i>	2.1	UN1978	.....	2.1	19, T50	306	304	314, 315.	Forbidden	150 kg	E	40
	<i>Propanethiols</i>	3	UN2402	II	3	IB2, T4, TP1, TP13	150	202	242	5 L	60 L	E	95, 102
	<i>n-Propanol or Propyl alcohol, normal.</i>	3	UN1274	II	3	B1, IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	.....	.....		III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Propellant, liquid</i>	1.3C	UN0495	II	1.3C ..	37	None	62	None	Forbidden	Forbidden	10	.....
	<i>Propellant, liquid</i>	1.1C	UN0497	II	1.1C ..	37	None	62	None	Forbidden	Forbidden	10	.....
	<i>Propellant, solid</i>	1.1C	UN0498	II	1.1C ..		None	62	None	Forbidden	Forbidden		26E
	<i>Propellant, solid</i>	1.3C	UN0499	II	1.3C ..		None	62	None	Forbidden	Forbidden		26E
	<i>Propellant, solid</i>	1.4C	UN0501	.....	1.4C ..		None	62	None	Forbidden	Forbidden	A	24E

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	.....	.....		II	6.1	IB2, T11, TP2, TP27	153	212	242	5 L	60 L	A	40
	.....	.....		III	6.1	IB3, T7, TP2, TP28	153	213	240	60 L	220 L	A	40
	Pyrethroid pesticide, liquid, toxic, flammable, flash point not less than 23 degrees C.	6.1	UN3351	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....		II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....	.....		III	6.1, 3	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	B	40
	Pyrethroid pesticide, solid, toxic	6.1	UN3349	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
	.....	.....		II	6.1	IB8, IP2, IP4	153	212	242	25 kg	100 kg	A	40
	.....	.....		III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	Pyridine	3	UN1282	II	3	IB2, T4, TP2	None	202	242	5 L	60 L	B	21, 100
	Pyridine perchlorate	Forbidden											
G	Pyrophoric liquid, inorganic, n.o.s.	4.2	UN3194	I	4.2		None	181	244	Forbidden	Forbidden	D	18
G	Pyrophoric liquids, organic, n.o.s.	4.2	UN2845	I	4.2	B11, T22, TP2, TP7	None	181	244	Forbidden	Forbidden	D	18
G	Pyrophoric metals, n.o.s., or Pyrophoric alloys, n.o.s.	4.2	UN1383	I	4.2	B11	None	187	242	Forbidden	Forbidden	D	.....
G	Pyrophoric organometallic com- pound, water-reactive, n.o.s.	4.2	UN3203	I	4.2, 4.3	T21, TP2, TP7	None	187	242	Forbidden	Forbidden	D	18
G	Pyrophoric solid, inorganic, n.o.s.	4.2	UN3200	I	4.2		None	187	242	Forbidden	Forbidden	D	.....
G	Pyrophoric solids, organic, n.o.s.	4.2	UN2846	I	4.2		None	187	242	Forbidden	Forbidden	D	.....
	Pyrosulfuryl chloride	8	UN1817	II	8	B2, IB2, T8, TP2, TP12	154	202	242	1 L	30 L	C	40
	Pyroxylin solution or solvent, see Nitrocellulose.	.....										
	Pyrrolidine	3	UN1922	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	40
	Quebrachitol pentanitrate	Forbidden											
	Quicklime, see Calcium oxide	.....										
	Quinoline	6.1	UN2656	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	12
	R 12, see Dichlorodifluoro- methane.	.....										
	R 12B1, see Chlorodifluorobromomethane.	.....										

R 13, see																				
Chlorotrifluoromethane.																				
R 13B1, see																				
Bromotrifluoromethane.																				
R 14, see Tetrafluoromethane ...																				
R 21, see																				
Dichlorodifluoromethane.																				
R 22, see																				
Chlorodifluoromethane.																				
R 114, see																				
Dichlorotetrafluoroethane.																				
R 115, see																				
Chloropentafluoroethane.																				
R 116, see Hexafluoroethane																				
R 124, see																				
Chlorotetrafluoroethane.																				
R 133a, see																				
Chlorotrifluoroethane.																				
R 152a, see Difluoroethane																				
R 500, see Dichlorodifluoro-																				
methane and difluoroethane,																				
etc.																				
R 502, see																				
Chlorodifluoromethane and																				
chloropentafluoroethane mix-																				
ture, etc.																				
R 503, see																				
Chlorotrifluoromethane																				
and trifluoromethane, etc.																				
Radioactive material, excepted	7	UN2909	.....	None	.....	422,	422,	422,												A
package—articles manufac-						426.	426.	426.												
tured from natural uranium																				
or depleted uranium or natural																				
thorium.																				
Radioactive material, excepted	7	UN2908	.....	Empty	.....	422,	422,	422,												
package—empty packaging.						428.	428.	428.												
Radioactive material, excepted	7	UN2911	.....	None	.....	422,	422,	422,												
package—instruments or arti-						424.	424.	424.												
cles.																				
Radioactive material, excepted	7	UN2910	.....	None	.....	421,	421,	421,												
package—limited quantity of						422.	422.	422.												
material.																				
Radioactive material, low spec-	7	UN2912	.....	7	A56, T5, TP4,	421,	427	427												A
ific activity (LSA-I) non fissile					W7	422,														
or fissile-excepted.						428.														
Radioactive material, low spec-	7	UN3321	.....	7	A56, T5, TP4,	421,	427	427												
ific activity (LSA-II) non					W7	422,														
fissile or fissile-excepted.						428.														

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Radioactive material, low specific activity (LSA–III) <i>non fissile or fissile excepted.</i>	7	UN3322	.....	7	A56, T5, TP4, W7	421, 422, 428.	427	427 .....	.....	.....	A	95, 129
	Radioactive material, surface contaminated objects (SCO–I or SCO–II) <i>non fissile or fissile-excepted.</i>	7	UN2913	.....	7	A56	421, 422, 428.	427	427 .....	.....	.....	A	95
	Radioactive material, transported under special arrangement, <i>non fissile or fissile excepted.</i>	7	UN2919	.....	7	A56, 139	.....	.....	.....	.....	.....	A	95, 105
	Radioactive material, transported under special arrangement, fissile.	7	UN3331	.....	7	A56,139	.....	.....	.....	.....	.....	A	95,105
	Radioactive material, Type A package, fissile <i>non-special form.</i>	7	UN3327	.....	7	A56, W7, W8	453	417	417 .....	.....	.....	A	95, 105, 131
	Radioactive material, Type A package <i>non-special form, non fissile or fissile-excepted.</i>	7	UN2915	.....	7	A56, W7, W8	.....	415	415 .....	.....	.....	A	95, 130
	Radioactive material, Type A package, special form <i>non fissile or fissile-excepted.</i>	7	UN3332	.....	7	A56, W7, W8	.....	415, 476.	415, 476.	.....	.....	A	95
	Radioactive material, Type A package, special form, fissile.	7	UN3333	.....	7	A56, W7, W8	453	417, 476.	417, 476.	.....	.....	A	95, 105
	Radioactive material, Type B(M) package, fissile.	7	UN3329	.....	7	A56	453	417	417 .....	.....	.....	A	95, 105
	Radioactive material, Type B(M) package <i>non fissile or fissile-excepted.</i>	7	UN2917	.....	7	A56	.....	416	416 .....	.....	.....	A	95, 105
	Radioactive material, Type B(U) package, fissile.	7	UN3328	.....	7	A56	453	417	417 .....	.....	.....	A	95, 105
	Radioactive material, Type B(U) package <i>non fissile or fissile-excepted.</i>	7	UN2916	.....	7	A56	.....	416	416 .....	.....	.....	A	95, 105
	Radioactive material, uranium hexafluoride <i>non fissile or fissile-excepted.</i>	7	UN2978	.....	7, 8 .....	.....	423	420, 427.	420, 427.	.....	.....	A	95, 132

A, W	Radioactive material, uranium hexafluoride, fissile.	7	UN2977	.....	7, 8	453	417, 420.	417, 420.	.....	.....	A	95, 132
	Rags, oily	4.2	UN1856	.....	III 4.2	151	213	240	Forbidden	Forbidden	A	.....
	Railway torpedo, see Signals, railway track, explosive.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Rare gases and nitrogen mixtures, compressed.	2.2	UN1981	.....	2.2	306	302	None ...	75 kg	150 kg	A	.....
	Rare gases and oxygen mixtures, compressed.	2.2	UN1980	.....	2.2	79 306	302	None ...	75 kg	150 kg	A	.....
	Rare gases mixtures, compressed.	2.2	UN1979	.....	2.2	306	302	None ...	75 kg	150 kg	A	.....
	RC 318, see Octafluorocyclobutane.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	RDY and cyclotetramethylenetetranitramine, wetted or desensitized see RDX and HMX mixtures, wetted or desensitized.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	RDX and HMX mixtures, wetted with not less than 15 percent water by mass or RDX and HMX mixtures, desensitized with not less than 10 percent phlegmatizer by mass.	1.1D	UN0391	.....	II 1.1D ..	None ...	62	None ...	Forbidden	Forbidden	10	.....
	RDX and Octogen mixtures, wetted or desensitized see RDX and HMX mixtures, wetted or desensitized etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	RDX, see Cyclotrimethylene trinitramine, etc.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Receptacles, small, containing gas (gas cartridges) flammable, without release device, not refillable and not exceeding 1 L capacity.	2.1	UN2037	.....	2.1	306	304	None ...	1 kg	15 kg	B	40
	Receptacles, small, containing gas (gas cartridges) non-flammable, without release device, not refillable and not exceeding 1 L capacity.	2.2	UN2037	.....	2.2	306	304	None ...	1 kg	15 kg	B	40
	Red phosphorus, see Phosphorus, amorphous.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Refrigerant gas R 404A	2.2	UN3337	.....	2.2	T50 306	304	314, 315.	75 kg	150 kg	A	.....
Refrigerant gas R 407A	2.2	UN3338	.....	2.2	T50 306	304	314, 315.	75 kg	150 kg	A	.....
Refrigerant gas R 407B	2.2	UN3339	.....	2.2	T50 306	304	314, 315.	75 kg	150 kg	A	.....
Refrigerant gas R 407C	2.2	UN3340	.....	2.2	T50 306	304	314, 315.	75 kg	150 kg	A	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
G	Refrigerant gases, n.o.s.	2.2	UN1078	.....	2.2	T50	306	304	314, 315.	75 kg	150 kg	A	.....
D	Refrigerant gases, n.o.s. or Dis- persant gases, n.o.s..	2.1	NA1954	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	D	40
	Refrigerating machines, con- taining flammable, non-toxic, liquefied gas.	2.1	UN3358	.....	2.1		306	306	306	Forbidden	Forbidden	C	40
	Refrigerating machines, con- taining non-flammable, non- toxic, liquefied or compressed gas or ammonia solution (UN2672).	2.2	UN2857	.....	2.2	A53	306, 307.	306	306, 307.	450 kg	450 kg	A	.....
	Regulated medical waste	6.2	UN3291	II	6.2	A13	134, 197.	197	197	No Limit	No Limit	A	40
	Release devices, explosive	1.4S	UN0173	II	1.4S ...		None	62	None	25 kg	100 kg	05	.....
	Resin solution, flammable	3	UN1866	I	3		150	201	243	1 L	30 L	E.	.....
				II	3		150	173	242	5 L	60 L	B.	.....
				III	3		150	173	242	60 L	220 L	A.	.....
	Resorcinol	6.1	UN2876	III	6.1		153	213	240	100 kg	200 kg	A	.....
	Rifle grenade, see Grenades, hand or rifle, etc.												
	Rifle powder, see Powder, smokeless (UN 0160).												
	Rivets, explosive	1.4S	UN0174	II	1.4S ...		None	62	None	25 kg	100 kg	05	.....
	Road asphalt or tar liquid, see Tars, liquid, etc.												
	Rocket motors	1.3C	UN0186	II	1.3C ...	109	None	62	None	Forbidden	220 kg	03	.....
	Rocket motors	1.1C	UN0280	II	1.1C ..	109	None	62	None	Forbidden	Forbidden	03	.....
	Rocket motors	1.2C	UN0281	II	1.2C ..	109	None	62	None	Forbidden	Forbidden	03	.....
	Rocket motors, liquid fueled	1.2J	UN0395	II	1.2J ...	109	None	62	None	Forbidden	Forbidden	04	23E
	Rocket motors, liquid fueled	1.3J	UN0396	II	1.3J ...	109	None	62	None	Forbidden	Forbidden	04	23E
	Rocket motors with hypergolic liquids with or without an ex- pelling charge.	1.3L	UN0250	II	1.3L ...	109	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E

	Rocket motors with hypergolic liquids with or without an expelling charge.	1.2L	UN0322	II	1.2L ...	109	None	62	None	Forbidden	Forbidden	08	8E, 14E, 15E	
	Rockets, line-throwing	1.2G	UN0238	II	1.2G ..		None	62	None	Forbidden	Forbidden	07	.....
	Rockets, line-throwing	1.3G	UN0240	II	1.3G ..		None	62	None	Forbidden	75 kg	07	.....
	Rockets, line-throwing	1.4G	UN0453	II	1.4G ..		None	62	None	Forbidden	75 kg	06	.....
	Rockets, liquid fueled with bursting charge.	1.1J	UN0397	II	1.1J ...		None	62	None	Forbidden	Forbidden	04	23E	
	Rockets, liquid fueled with bursting charge.	1.2J	UN0398	II	1.2J ...		None	62	None	Forbidden	Forbidden	04	23E	
	Rockets, with bursting charge	1.1F	UN0180	II	1.1F ...		None	62	None	Forbidden	Forbidden	08	.....
	Rockets, with bursting charge	1.1E	UN0181	II	1.1E ...		None	62	None	Forbidden	Forbidden	03	.....
	Rockets, with bursting charge	1.2E	UN0182	II	1.2E ...		None	62	None	Forbidden	Forbidden	03	.....
	Rockets, with bursting charge	1.2F	UN0295	II	1.2F ...		None	62	None	Forbidden	Forbidden	08	.....
	Rockets, with expelling charge ..	1.2C	UN0436	II	1.2C ..		None	62	None	Forbidden	Forbidden	03	.....
	Rockets, with expelling charge ..	1.3C	UN0437	II	1.3C ..		None	62	None	Forbidden	Forbidden	03	.....
	Rockets, with expelling charge ..	1.4C	UN0438	II	1.4C ..		None	62	None	Forbidden	75 kg	02	.....
	Rockets, with inert head	1.3C	UN0183	II	1.3C ..		None	62	None	Forbidden	Forbidden	03	.....
	Rockets, with inert head	1.2C	UN0502	.....	1.2C ..		None	62	None	Forbidden	Forbidden	B	1E, 5E
	Rosin oil	3	UN1286	II	3		150	202	242	5 L	60 L	B	.....
	Rubber scrap or Rubber shoddy, powdered or granulated, not exceeding 840 microns and rubber content exceeding 45%.	4.1	UN1345	III	4.1		150	203	242	60 L	220 L	A	.....
	Rubber solution	3	UN1287	II	3		151	212	240	15 kg	50 kg	A	.....
	Rubidium	4.3	UN1423	I	4.3		149, IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B
	Rubidium hydroxide	8	UN2678	II	8		B1, IB3, T2, TP1	150	203	242	60 L	220 L	A
	Rubidium hydroxide solution	8	UN2677	II	8		22, A7, A19, IB1, IP1, N34, N40, N45	None	211	242	Forbidden	15 kg	D
	Safety fuse, see Fuse, safety	8	UN2678	II	8		IB8, IP2, IP4, T7, TP2	154	212	240	15 kg	50 kg	A
	Samples, explosive, other than initiating explosives..	8	UN2677	II	8		B2, IB2, T7, TP2	154	202	242	1 L	30 L	A
	Sand acid, see Fluorosilicic acid	8	UN2677	III	8		IB3, T4, TP1	154	203	241	5 L	60 L	A
G	Seed cake, containing vegetable oil solvent extractions and expelled seeds, with not more than 10 percent of oil and when the amount of moisture is higher than 11 percent, with not more than 20 percent of oil and moisture combined.	4.2	UN1386	III	None		.....	.....	.....	.....	.....	.....	.....
	Seed cake with more than 1.5 percent oil and not more than 11 percent moisture.	4.2	UN1386	III	None		IB8, IP3, IP6, N7	None	213	241	Forbidden	Forbidden	A	13
I	Seed cake with more than 1.5 percent oil and not more than 11 percent moisture.	4.2	UN1386	III	None		IB8, IP3, IP6, N7	None	213	241	Forbidden	Forbidden	E	13

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

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Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
I	Seed cake <i>with not more than 1.5 percent oil and not more than 11 percent moisture.</i>	4.2	UN2217	III	None	IB8, IP3, IP6, N7	None	213	241	Forbidden	Forbidden	A	13
	Selenates or Selenites	6.1	UN2630	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	E	.....
	Selenic acid	8	UN1905	I	8	IB7, IP1, N34	None	211	242	Forbidden	25 kg	A	.....
	Selenium compound, n.o.s.	6.1	UN3283	I	6.1	IB7, IP1, T14, TP2, TP27	None	211	242	5 kg	50 kg	B	.....
	.....			II	6.1	IB8, IP2, IP4, T11, TP2, TP27	None	212	242	25 kg	100 kg	B	.....
	.....			III	6.1	IB8, IP3, T7, TP1, TP28	153	213	240	100 kg	200 kg	A	.....
	Selenium disulfide	6.1	UN2657	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Selenium hexafluoride	2.3	UN2194	.....	2.3, 8	1	None	302	None	Forbidden	Forbidden	D	40
	<i>Selenium nitride</i>	Forbidden											
	Selenium oxychloride	8	UN2879	I	8, 6.1	A3, A6, A7, N34, T10, TP2, TP12, TP13	None	201	243	0.5 L	2.5 L	E	40
	<i>Self-defense spray, aerosol, see Aerosols, etc.</i>												
+ A D	Self-defense spray, non-pressur- ized.	9	NA3334	III	9	A37	155	203	None	No limit	No limit	A	.....
G	Self-heating liquid, corrosive, in- organic, n.o.s..	4.2	UN3188	II	4.2, 8	IB2	None	202	243	1 L	5 L	C	.....
G	Self-heating liquid, corrosive, or- ganic, n.o.s..	4.2	UN3185	III	4.2, 8	IB2	None	203	241	5 L	60 L	C	.....
	.....			II	4.2, 8	IB2	None	202	243	1 L	5 L	C	.....
G	Self-heating liquid, inorganic, n.o.s..	4.2	UN3186	III	4.2, 8	IB2	None	203	241	5 L	60 L	C	.....
	.....			II	4.2	IB2	None	202	242	1 L	5 L	C	.....
G	Self-heating liquid, organic, n.o.s..	4.2	UN3183	III	4.2	IB2	None	203	241	5 L	60 L	C	.....
	.....			II	4.2	IB2	None	202	242	1 L	5 L	C	.....
G	Self-heating liquid, toxic, inor- ganic, n.o.s..	4.2	UN3187	III	4.2	IB2	None	203	241	5 L	60 L	C	.....
	.....			II	4.2, 6.1	IB2	None	202	243	1 L	5 L	C	.....
	.....			III	4.2, 6.1	IB2	None	203	241	5 L	60 L	C	.....
G	Self-heating liquid, toxic, or- ganic, n.o.s..	4.2	UN3184	II	4.2, 6.1	IB2	None	202	243	1 L	5 L	C

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				III	4.2, 6.1.	IB2	None	203	241	5 L	60 L	C	
G	Self-heating solid, corrosive, inorganic, n.o.s..	4.2	UN3192	II	4.2, 8	IB5, IP2	None	212	242	15 kg	50 kg	C	
G	Self-heating, solid, corrosive, organic, n.o.s..	4.2	UN3126	III	4.2, 8	IB8, IP3	None	213	242	25 kg	100 kg	C	
				II	4.2, 8	IB5, IP2	None	212	242	15 kg	50 kg	C	
G	Self-heating solid, inorganic, n.o.s..	4.2	UN3190	III	4.2, 8	IB8, IP3	None	213	242	25 kg	100 kg	C	
				II	4.2	IB6, IP2	None	212	241	15 kg	50 kg	C	
G	Self-heating, solid, organic, n.o.s..	4.2	UN3088	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	C	
				II	4.2	IB6, IP2	None	212	241	15 kg	50 kg	C	
G	Self-heating, solid, oxidizing, n.o.s..	4.2	UN3127	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	C	
				.....	4.2, 5.1.		None	214	214	Forbidden	Forbidden		
G	Self-heating solid, toxic, inorganic, n.o.s..	4.2	UN3191	II	4.2, 6.1.	IB5, IP2	None	212	242	15 kg	50 kg	C	
				III	4.2, 6.1.	IB8, IP3	None	213	242	25 kg	100 kg	C	
G	Self-heating, solid, toxic, organic, n.o.s..	4.2	UN3128	II	4.2, 6.1.	IB5, IP2	None	212	242	15 kg	50 kg	C	
				III	4.2, 6.1.	IB8, IP3	None	213	242	25 kg	100 kg	C	
	<i>Self-propelled vehicle, see Engines or Batteries etc.</i>												
G	Self-reactive liquid type B	4.1	UN3221	II	4.1	53	None	224	None	Forbidden	Forbidden	D	61
G	Self-reactive liquid type B, temperature controlled.	4.1	UN3231	II	4.1	53	None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive liquid type C	4.1	UN3223	II	4.1		None	224	None	5 L	10 L	D	61
G	Self-reactive liquid type C, temperature controlled.	4.1	UN3233	II	4.1		None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive liquid type D	4.1	UN3225	II	4.1		None	224	None	5 L	10 L	D	61
G	Self-reactive liquid type D, temperature controlled.	4.1	UN3235	II	4.1		None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive liquid type E	4.1	UN3227	II	4.1		None	224	None	10 L	25 L	D	61
G	Self-reactive liquid type E, temperature controlled.	4.1	UN3237	II	4.1		None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive liquid type F	4.1	UN3229	II	4.1	T23	None	224	None	10 L	25 L	D	61
G	Self-reactive liquid type F, temperature controlled.	4.1	UN3239	II	4.1		None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive solid type B	4.1	UN3222	II	4.1	53	None	224	None	Forbidden	Forbidden	D	61
G	Self-reactive solid type B, temperature controlled.	4.1	UN3232	II	4.1	53	None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive solid type C	4.1	UN3224	II	4.1		None	224	None	5 kg	10 kg	D	61
G	Self-reactive solid type C, temperature controlled.	4.1	UN3234	II	4.1		None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive solid type D	4.1	UN3226	II	4.1		None	224	None	5 kg	10 kg	D	61
G	Self-reactive solid type D, temperature controlled.	4.1	UN3236	II	4.1		None	224	None	Forbidden	Forbidden	D	2, 61

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
G	Self-reactive solid type E	4.1	UN3228	II	4.1		None	224	None	10 kg	25 kg	D	61
G	Self-reactive solid type E, tem- perature controlled.	4.1	UN3238	II	4.1		None	224	None	Forbidden	Forbidden	D	2, 61
G	Self-reactive solid type F	4.1	UN3230	II	4.1		None	224	None	10 kg	25 kg	D	61
G	Self-reactive solid type F, tem- perature controlled.	4.1	UN3240	II	4.1		None	224	None	Forbidden	Forbidden	D	2, 61
	Shale oil	3	UN1288	I	3	T11, TP1, TP8, TP27	None	201	243	1 L	30 L	B	.....
	.....			II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
	.....			III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Shaped charges, see Charges, shaped, etc.</i>												
	Signal devices, hand	1.4G	UN0191	II	1.4G ..		None	62	None	Forbidden	75 kg	06	.....
	Signal devices, hand	1.4S	UN0373	II	1.4S ..		None	62	None	25 kg	100 kg	05	.....
	Signals, distress, <i>ship</i>	1.1G	UN0194	II	1.1G ..		None	62	None	Forbidden	Forbidden	07	.....
	Signals, distress, <i>ship</i>	1.3G	UN0195	II	1.3G ..		None	62	None	Forbidden	75 kg	07	.....
	<i>Signals, highway, see Signal de- vices, hand.</i>												
	Signals, railway track, explosive	1.1G	UN0192	II	1.1G ..		None	62	None	Forbidden	Forbidden	07	.....
	Signals, railway track, explosive	1.4S	UN0193	II	1.4S ..		None	62	None	25 kg	100 kg	05	.....
	Signals, railway track, explosive	1.3G	UN0492	.....	1.3G ..		None	62	None	Forbidden	Forbidden	07	.....
	Signals, railway track, explosive	1.4G	UN0493	.....	1.4G ..		None	62	None	Forbidden	75 kg	06	.....
	<i>Signals, ship distress, water-ac- tivated, see Contrivances, water-activated, etc.</i>												
	Signals, smoke	1.1G	UN0196	II	1.1G ..		None	62	None	Forbidden	Forbidden	07	.....
	Signals, smoke	1.4G	UN0197	II	1.4G ..		None	62	None	Forbidden	75 kg	06	.....
	Signals, smoke	1.2G	UN0313	II	1.2G ..		None	62	None	Forbidden	Forbidden	07	.....
	Signals, smoke	1.3G	UN0487	II	1.3G ..		None	62	None	Forbidden	Forbidden	07	.....
	Silane	2.1	UN2203	.....	2.1		None	302	None	Forbidden	Forbidden	E	40, 57, 104
	<i>Silicofluoric acid, see Fluorosilicic acid.</i>												
	<i>Silicon chloride, see Silicon tet- rachloride.</i>												
	Silicon powder, amorphous	4.1	UN1346	III	4.1	A1, IB8, IP3	None	213	240	25 kg	100 kg	A	.....
	Silicon tetrachloride	8	UN1818	II	8	A3, A6, B2, B6, IB2, T7, TP2, TP7	154	202	242	1 L	30 L	C	40

	Silicon tetrafluoride	2.3	UN1859	.....	2.3, 8	2	None	.....	302	.....	None	.....	Forbidden	Forbidden	D	40
	Silver acetylide (dry)	Forbidden														
	Silver arsenite	6.1	UN1683	II	6.1	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	
	Silver azide (dry)	Forbidden														
	Silver chlorite (dry)	Forbidden														
	Silver cyanide	6.1	UN1684	II	6.1	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	26, 40
	Silver fulminate (dry)	Forbidden														
	Silver nitrate	5.1	UN1493	II	5.1	IB8, IP4	152	.....	212	.....	242	.....	5 kg	25 kg	A	
	Silver oxalate (dry)	Forbidden														
	Silver picrate (dry)	Forbidden														
	Silver picrate, wetted with not less than 30 percent water, by mass.	4.1	UN1347	I	4.1	23	None	.....	211	.....	None	.....	Forbidden	Forbidden	D	28, 36
	Sludge, acid	8	UN1906	II	8	A3, A7, B2, IB2, N34, T8, TP2, TP12, TP28	None	.....	202	.....	242	.....	Forbidden	30 L	C	14
D	Smokeless powder for small arms (100 pounds or less).	4.1	NA3178	I	4.1	16	None	.....	171	.....	None	.....	Forbidden	7.3 kg	A	
	Soda lime with more than 4 percent sodium hydroxide.	8	UN1907	III	8	IB8, IP3	154	.....	213	.....	240	.....	25 kg	100 kg	A	
	Sodium	4.3	UN1428	I	4.3	A7, A8, A19, A20, B9, B48, B68, IB4, IP1, N34, T9, TP3, TP7, TP31, TP46	None	.....	211	.....	244	.....	Forbidden	15 kg	D	
	Sodium aluminate, solid	8	UN2812	III	8	IB8, IP3	154	.....	213	.....	240	.....	25 kg	100 kg	A	
	Sodium aluminate, solution	8	UN1819	II	8	B2, IB2, T7, TP2	154	.....	202	.....	242	.....	1 L	30 L	A	
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5 L	60 L	A	
	Sodium aluminum hydride	4.3	UN2835	II	4.3	A8, A19, A20, IB1	151	.....	212	.....	242	.....	Forbidden	50 kg	E	
	Sodium ammonium vanadate	6.1	UN2863	II	6.1	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	
	Sodium arsenilate	6.1	UN2473	III	6.1	IB8, IP3	153	.....	213	.....	240	.....	100 kg	200 kg	A	
	Sodium arsenate	6.1	UN1685	II	6.1	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	
	Sodium arsenite, aqueous solutions.	6.1	UN1686	II	6.1	IB2, T7, TP2	None	.....	202	.....	243	.....	5 L	60 L	A	
	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	60 L	220 L	A	
	Sodium arsenite, solid	6.1	UN2027	II	6.1	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	
	Sodium azide	6.1	UN1687	II	6.1	IB8, IP2, IP4	None	.....	212	.....	242	.....	25 kg	100 kg	A	36, 52, 91
	Sodium bifluoride, see Sodium hydrogendifluoride.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sodium bisulfite, solution, see Bisulfites, aqueous solutions, n.o.s..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sodium borohydride	4.3	UN1426	I	4.3	N40	None	211	242	Forbidden	15 kg	E	

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Sodium borohydride and sodium hydroxide solution, <i>with not more than 12 percent sodium borohydride and not more than 40 percent sodium hydroxide by mass.</i>	8	UN3320	II	8	B2, IB2, N34, T7, TP2	154	202	242	1 L	30 L	A	26
	.....	.....	.....	III	8	B2, IB3, N34, T4, TP2	154	203	241	5 L	60 L	A	.....
	Sodium bromate	5.1	UN1494	II	5.1	IB8, IP4	152	212	242	5 kg	25 kg	A	56, 58, 106
	Sodium cacodylate	6.1	UN1688	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	26
	Sodium chlorate	5.1	UN1495	II	5.1	A9, IB8, IP4, N34, T4, TP1	152	212	240	5 kg	25 kg	A	56, 58, 106
	Sodium chlorate, aqueous solution.	5.1	UN2428	II	5.1	A2, IB2, T4, TP1	152	202	241	1 L	5 L	B	56, 58, 106
	.....	.....	.....	III	5.1	A2, IB2, T4, TP1	152	203	241	2.5 L	30 L	B	56, 58, 69, 106
	<i>Sodium chlorate mixed with dinitrotoluene, see Explosive blasting, type C.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sodium chlorite	5.1	UN1496	II	5.1	A9, IB8, IP2, IP4, N34, T4, TP1	None	212	242	5 kg	25 kg	A	56, 58, 106
	Sodium chloroacetate	6.1	UN2659	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
	Sodium cuprocyanide, solid	6.1	UN2316	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	26
	Sodium cuprocyanide, solution ..	6.1	UN2317	I	6.1	T14, TP2, TP13	None	201	243	1 L	30 L	B	26, 40
	Sodium cyanide	6.1	UN1689	I	6.1	B69, B77, IB7, IP1, N74, N75, T14, TP2, TP13	None	211	242	5 kg	50 kg	B	52
	<i>Sodium dichloroisocyanurate or Sodium dichloro-s-triazinetrione, see Dichloroisocyanuric acid etc.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sodium dinitro-o-cresolate, <i>dry or wetted with less than 15 percent water, by mass.</i>	1.3C	UN0234	II	1.3C ..	.....	None	62	None	Forbidden	Forbidden	10	5E
	Sodium dinitro-o-cresolate, <i>wetted, with not less than 10% water by mass.</i>	4.1	UN3369	I	4.1	162, A8, A19, N41, N84	None	211	None	0.5 kg	0.5 kg	E	36

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Sodium dinitro-o-cresolate, wetted with not less than 15 percent water, by mass.	4.1	UN1348	I	4.1, 6.1.	23, A8, A19, A20, N41	None	211	None	1 kg	15 kg	E	28, 36
Sodium dithionite or Sodium hydrosulfite.	4.2	UN1384	II	4.2	A19, A20, IB6, IP2	None	212	241	15 kg	50 kg	E	13
Sodium fluoride	6.1	UN1690	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	26
Sodium fluoroacetate	6.1	UN2629	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	E	
Sodium fluorosilicate	6.1	UN2674	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	26
<i>Sodium hydrate, see Sodium hydroxide, solid.</i>												
Sodium hydride	4.3	UN1427	I	4.3	A19, N40	None	211	242	Forbidden	15 kg	E	
Sodium hydrogendifluoride, solid	8	UN2439	II	8	IB8, IP2, IP4, N3, N34	154	212	240	15 kg	50 kg	A	12, 25, 26, 40
Sodium hydrogendifluoride solution.	8	UN2439	II	8	IB8, IP2, IP4, N3, N34	154	202	242	1 L	30 L	A	12, 25, 26, 40
Sodium hydrosulfide, with less than 25 percent water of crystallization.	4.2	UN2318	II	4.2	A7, A19, A20, IB6, IP2	None	212	241	15 kg	50 kg	A	
Sodium hydrosulfide with not less than 25 percent water of crystallization.	8	UN2949	II	8	A7, IB8, IP2, IP4, T7, TP2	154	212	240	15 kg	50 kg	A	26
<i>Sodium hydrosulfite, see Sodium dithionite.</i>												
Sodium hydroxide, solid	8	UN1823	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	
Sodium hydroxide solution	8	UN1824	II	8	B2, IB2, N34, T7, TP2	154	202	242	1 L	30 L	A	
			III	8	IB3, N34, T4, TP1	154	203	241	5 L	60 L	A	
<i>Sodium hypochlorite, solution, see Hypochlorite solutions etc.</i>												
<i>Sodium metal, liquid alloy, see Alkali metal alloys, liquid, n.o.s..</i>												
Sodium methylate	4.2	UN1431	II	4.2, 8	A19, IB5, IP2	None	212	242	15 kg	50 kg	B	
Sodium methylate solutions in alcohol.	3	UN1289	II	3, 8	IB2, T7, TP1, TP8	None	202	243	1 L	5 L	B	
			III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	
Sodium monoxide	8	UN1825	II	8	IB8, IP2, IP4	154	212	240	15 kg	50 kg	A	
Sodium nitrate	5.1	UN1498	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	
Sodium nitrate and potassium nitrate mixtures.	5.1	UN1499	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	
Sodium nitrite	5.1	UN1500	III	5.1, 6.1.	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	56, 58
Sodium pentachlorophenate	6.1	UN2567	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	
Sodium perchlorate	5.1	UN1502	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	56, 58, 106
Sodium permanganate	5.1	UN1503	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	D	56, 58, 69, 106, 107

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Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Sodium peroxide	5.1	UN1504	I	5.1	A20, IB6, IP1, N34	None	211	None	Forbidden	15 kg	B	13, 75, 106
	Sodium peroxoborate, anhy- drous.	5.1	UN3247	II	5.1	IB8, IP4	152	212	240	5 kg	25 kg	A	13, 25, 106
	Sodium persulfate	5.1	UN1505	III	5.1	A1, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Sodium phosphide	4.3	UN1432	I	4.3, 6.1.	A19, N40	None	211	None	Forbidden	15 kg	E	40, 85
	Sodium picramate, <i>dry or wetted with less than 20 percent water, by mass.</i>	1.3C	UN0235	II	1.3C ..		None	62	None	Forbidden	Forbidden	10	5E
	Sodium picramate, <i>wetted with not less than 20 percent water, by mass.</i>	4.1	UN1349	I	4.1	23, A8, A19, N41	None	211	None	Forbidden	15 kg	E	28, 36
	<i>Sodium picryl peroxide</i>	Forbidden											
	<i>Sodium potassium alloys, see Potassium sodium alloys.</i>												
	<i>Sodium selenate, see Selenates or Selenites.</i>												
	Sodium sulfide, anhydrous <i>or Sodium sulfide with less than 30 percent water of crys- tallization.</i>	4.2	UN1385	II	4.2	A19, A20, IB6, IP2, N34	None	212	241	15 kg	50 kg	A	.....
	Sodium sulfide, <i>hydrated with not less than 30 percent water.</i>	8	UN1849	II	8	IB8, IP2, IP4, T7, TP2	154	212	240	15 kg	50 kg	A	26
	Sodium superoxide	5.1	UN2547	I	5.1	A20, IB6, IP1, N34	None	211	None	Forbidden	15 kg	E	13, 75, 106
	<i>Sodium tetranitride</i>	Forbidden											
G	Solids containing corrosive liq- uid, n.o.s..	8	UN3244	II	8	49, IB5	154	212	240	15 kg	50 kg	B	40
G	Solids containing flammable liq- uid, n.o.s..	4.1	UN3175	II	4.1	47, IB6, IP2	151	212	240	15 kg	50 kg	B	.....
G	Solids containing toxic liquid, n.o.s..	6.1	UN3243	II	6.1	48, IB2	None	212	240	25 kg	100 kg	B	40
	Sounding devices, explosive	1.2F	UN0204	II	1.2F ..		None	62	None	Forbidden	Forbidden	08	.....
	Sounding devices, explosive	1.1F	UN0296	II	1.1F ..		None	62	None	Forbidden	Forbidden	08	.....
	Sounding devices, explosive	1.1D	UN0374	II	1.1D ..		None	62	None	Forbidden	Forbidden	07	.....
	Sounding devices, explosive	1.2D	UN0375	II	1.2D ..		None	62	None	Forbidden	Forbidden	07
	<i>Spirits of salt, see Hydrochloric acid.</i>												

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	<i>Squibs, see Igniters etc</i>												
	Stannic chloride, anhydrous	8 UN1827	II 8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	C			
	Stannic chloride pentahydrate	8 UN2440	III 8	IB8, IP3	154	213	240	25 kg	100 kg	A			
	Stannic phosphide	4.3 UN1433	I 4.3, 6.1.	A19, N40	None	211	242	Forbidden	15 kg	E		40, 85	
	<i>Steel swarf, see Ferrous metal borings, etc.</i>												
	Stibine	2.3 UN2676	..... 2.3, 2.1.	1	None	304	None	Forbidden	Forbidden	D		40	
	<i>Storage batteries, wet, see Batteries, wet etc.</i>												
	Strontium arsenite	6.1 UN1691	II 6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A			
	Strontium chlorate	5.1 UN1506	II 5.1	A1, A9, IB8, IP2, IP4, N34	152	212	242	5 kg	25 kg	A		56, 58, 106	
	Strontium nitrate	5.1 UN1507	III 5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A			
	Strontium perchlorate	5.1 UN1508	II 5.1	IB6, IP2	152	212	242	5 kg	25 kg	A		56, 58, 106	
	Strontium peroxide	5.1 UN1509	II 5.1	IB6, IP2	152	212	242	5 kg	25 kg	A		13, 75, 106	
	Strontium phosphide	4.3 UN2013	I 4.3, 6.1.	A19, N40	None	211	None	Forbidden	15 kg	E		40, 85	
	Strychnine or Strychnine salts ...	6.1 UN1692	I 6.1	IB7, IP1	None	211	242	5 kg	50 kg	A		40	
	Styphnic acid, <i>see</i> Trinitroresorcinol, etc.												
G	Styrene monomer, stabilized	3 UN2055	III 3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A			
	Substances, explosive, n.o.s.	1.1L UN0357	II 1.1L ...	101	None	62	None	Forbidden	Forbidden			8E, 14E, 15E, 17E	
G	Substances, explosive, n.o.s.	1.2L UN0358	II 1.2L ...	101	None	62	None	Forbidden	Forbidden			8E, 14E, 15E, 17E	
G	Substances, explosive, n.o.s.	1.3L UN0359	II 1.3L ...	101	None	62	None	Forbidden	Forbidden			8E, 14E, 15E, 17E	
G	Substances, explosive, n.o.s.	1.1A UN0473	II 1.1A ...	101, 111	None	62	None	Forbidden	Forbidden	12			
G	Substances, explosive, n.o.s.	1.1C UN0474	II 1.1C ...	101	None	62	None	Forbidden	Forbidden	10			
G	Substances, explosive, n.o.s.	1.1D UN0475	II 1.1D ..	101	None	62	None	Forbidden	Forbidden	10			
G	Substances, explosive, n.o.s.	1.1G UN0476	II 1.1G ..	101	None	62	None	Forbidden	Forbidden	08			
G	Substances, explosive, n.o.s.	1.3C UN0477	II 1.3C ..	101	None	62	None	Forbidden	Forbidden	10			
G	Substances, explosive, n.o.s.	1.3G UN0478	II 1.3G ..	101	None	62	None	Forbidden	Forbidden	08			
G	Substances, explosive, n.o.s.	1.4C UN0479	II 1.4C ...	101	None	62	None	Forbidden	75 kg	09			
G	Substances, explosive, n.o.s.	1.4D UN0480	II 1.4D ...	101	None	62	None	Forbidden	75 kg	09			
G	Substances, explosive, n.o.s.	1.4S UN0481	II 1.4S ...	101	None	62	None	25 kg	75 kg	05			
G	Substances, explosive, n.o.s.	1.4G UN0485	II 1.4G ...	101	None	62	None	Forbidden	75 kg	08			
G	Substances, explosive, very insensitive, n.o.s., or Substances, EVI, n.o.s..	1.5D UN0482	II 1.5D ..	101	None	62	None	Forbidden	Forbidden	10			

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Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
D I	Substituted nitrophenol pes- ticides, liquid, flammable, toxic, flash point less than 23 degrees C.	3	UN2780	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
	.....	.....	.....	II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	Substituted nitrophenol pes- ticides, liquid, toxic.	6.1	UN3014	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....	.....	.....	III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	Substituted nitrophenol pes- ticides, liquid, toxic, flammable flash point not less than 23 degrees C.	6.1	UN3013	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
	.....	.....	.....	II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....	.....	.....	III	6.1, 3	B1, IB3, T7, TP2, TP28	153	203	242	60 L	220 L	A	40
	Substituted nitrophenol pes- ticides, solid, toxic.	6.1	UN2779	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
	.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	Sucrose octanitrate (dry)	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Sulfamic acid	8	UN2967	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	.....
Sulfur	9	NA1350	III	9	30, IB8, IP2	None	None	240	No limit	No limit	A	19, 74	
Sulfur	4.1	UN1350	III	4.1	30, IB8, IP3, T1, TP1	None	None	240	No limit	No limit	A	19, 74	
Sulfur and chlorate, loose mix- tures of.	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sulfur chlorides	8	UN1828	I	8	5, A3, B10, B77, N34, T20, TP2, TP12	None	201	243	Forbidden	2.5 L	C	40	
Sulfur dichloride, see Sulfur chlorides.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sulfur dioxide	2.3	UN1079	2.3, 8	3, B14, T50, TP19	None	304	314, 315.	Forbidden	25 kg	D	40	

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	Sulfur dioxide solution, <i>see</i> Sulfurous acid.																
	Sulfur hexafluoride	2.2	UN1080	2.2	306	304	314, 315.	75 kg	150 kg	A		
D	Sulfur, molten	9	NA2448	III	9	.....	30, IB3, T1, TP3	None	.....	213	.....	247	.....	Forbidden	Forbidden	C	61
I	Sulfur, molten	4.1	UN2448	III	4.1	.....	30, IB1, T1, TP3	None	.....	213	.....	247	.....	Forbidden	Forbidden	C	74
	Sulfur tetrafluoride	2.3	UN2418	.....	2.3, 8	.....	1	None	.....	302	.....	245	.....	Forbidden	Forbidden	D	40
+	Sulfur trioxide, stabilized	8	UN1829	I	8, 6.1	.....	2, A7, B9, B14, B32, B49, B74, B77, N34, T20, TP4, TP12, TP13, TP25, TP26, TP38, TP45	None	.....	227	.....	244	.....	Forbidden	Forbidden	A	40
	Sulfuretted hydrogen, <i>see</i> Hydrogen sulfide.																
	Sulfuric acid, fuming with less than 30 percent free sulfur trioxide.	8	UN1831	I	8	.....	A3, A7, B84, N34, T20, TP2, TP12, TP13	None	.....	201	.....	243	.....	Forbidden	2.5 L	C	14, 40
+	Sulfuric acid, fuming with 30 percent or more free sulfur trioxide.	8	UN1831	I	8, 6.1	.....	2, A3, A6, A7, B9, B14, B32, B74, B77, B84, N34, T20, TP2, TP12, TP13	None	.....	227	.....	244	.....	Forbidden	Forbidden	C	14, 40
	Sulfuric acid, spent	8	UN1832	II	8	.....	A3, A7, B2, B83, B84, IB2, N34, T8, TP2, TP12	None	.....	202	.....	242	.....	Forbidden	30 L	C	14
	Sulfuric acid with more than 51 percent acid.	8	UN1830	II	8	.....	A3, A7, B3, B83, B84, IB2, N34, T8, TP2, TP12	154	.....	202	.....	242	.....	1 L	30 L	C	14
	Sulfuric acid with not more than 51% acid.	8	UN2796	II	8	.....	A3, A7, B2, B15, IB2, N6, N34, T8, TP2, TP12	154	.....	202	.....	242	.....	1 L	30 L	B	.....
	Sulfuric and hydrofluoric acid mixtures, <i>see</i> Hydrofluoric and sulfuric acid mixtures.																
	Sulfuric anhydride, <i>see</i> Sulfur trioxide, stabilized.																
	Sulfurous acid	8	UN1833	II	8	.....	B3, IB2, T7, TP2	154	.....	202	.....	242	.....	1 L	30 L	B	40
+	Sulfuryl chloride	8	UN1834	I	8, 6.1	.....	1, A3, B6, B9, B10, B14, B30, B74, B77, N34, T22, TP2, TP12, TP38, TP44	None	.....	226	.....	244	.....	Forbidden	Forbidden	C	40
	Sulfuryl fluoride	2.3	UN2191	.....	2.3	.....	4	None	.....	304	.....	314, 315.	Forbidden	25 kg	D	40	
	Tars, liquid including road asphalt and oils, bitumen and cut backs.	3	UN1999	II	3	.....	149, B13, IB2, T3, TP3, TP29	150	.....	202	.....	242	.....	5 L	60 L	B.	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
				III	3	B1, B13, IB3, T1, TP3	150	203	242	60 L	220 L	A.	
	Tear gas candles	6.1	UN1700	II	6.1, 4.1.		None	340	None	Forbidden	50 kg	D	40
	<i>Tear gas cartridges, see Ammu- nition, tear-producing, etc.</i>												
D	Tear gas devices with more than 2 percent tear gas sub- stances, by mass.	6.1	NA1693	I	6.1		None	340	None	Forbidden	Forbidden	D	40
	<i>Tear gas devices, with not more than 2 percent tear gas sub- stances, by mass, see Aerosols, etc.</i>			II	6.1		None	340	None	Forbidden	Forbidden	D	40
	<i>Tear gas grenades, see Tear gas candles.</i>												
G	Tear gas substances, liquid, n.o.s..	6.1	UN1693	I	6.1		None	201	None	Forbidden	Forbidden	D	40
				II	6.1	IB2	None	202	None	Forbidden	5 L	D	40
G	Tear gas substances, solid, n.o.s..	6.1	UN1693	I	6.1		None	211	None	Forbidden	15 kg	D	40
				II	6.1	IB8, IP2, IP4	None	212	None	Forbidden	25 kg	D	40
	Tellurium compound, n.o.s.	6.1	UN3284	I	6.1	IB7, IP1, T14, TP2, TP27	None	211	242	5 kg	50 kg	B	
				II	6.1	IB8, IP2, IP4, T11, TP2, TP27	None	212	242	25 kg	100 kg	B	
				III	6.1	IB8, IP3, T7, TP1, TP28	153	213	240	100 kg	200 kg	A	
	Tellurium hexafluoride	2.3	UN2195		2.3, 8		None	302	None	Forbidden	Forbidden	D	40
	Terpene hydrocarbons, n.o.s.	3	UN2319	III	3	B1, IB3, T4, TP1, TP29	150	203	242	60 L	220 L	A	
	Terpinolene	3	UN2541	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	<i>Tetraazido benzene quinone</i>	Forbidden											
	Tetrabromoethane	6.1	UN2504	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	
	1,1,2,2-Tetrachloroethane	6.1	UN1702	II	6.1	IB2, N36, T7, TP2	None	202	243	5 L	60 L	A	40
	Tetrachloroethylene	6.1	UN1897	III	6.1	IB3, N36, T4, TP1	153	203	241	60 L	220 L	A	40
	Tetraethyl dithiopyrophosphate ..	6.1	UN1704	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	D	40

A, I, W	Tetraethyl silicate	3	UN1292	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	<i>Tetraethylammonium perchlorate (dry)</i>	Forbidden											
	Tetraethylenepentamine	2	UN2320	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	
	1,1,1,2-Tetrafluoroethane or Refrigerant gas R 134a.	8	UN3159		2.2	T50	306	304	314, 315.	75 kg	150 kg	A	
	Tetrafluoroethylene, stabilized ...	2.1	UN1081		2.1		306	304	None	Forbidden	150 kg	E	40
	Tetrafluoromethane, or Refrigerant gas R 14.	2.2	UN1982		2.2		None	302	None	75 kg	150 kg	A	
	1,2,3,6-Tetrahydrobenzaldehyde	3	UN2498	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Tetrahydrofuran	3	UN2056	II	3	IB2, T4, TP1	None	202	242	5 L	60 L	B	
	Tetrahydrofurfurylamine	3	UN2943	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Tetrahydrophthalic anhydrides with more than 0.05 percent of maleic anhydride.	8	UN2698	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	
	1,2,3,6-Tetrahydropyridine	3	UN2410	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Tetrahydrothiophene	3	UN2412	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Tetramethylammonium hydroxide.	8	UN1835	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	A	
	<i>Tetramethylene diperoxide dicarbamide</i>	Forbidden											
	Tetramethylsilane	3	UN2749	I	3	T14, TP2	None	201	243	Forbidden	30 L	D	
	<i>Tetranitro diglycerin</i>	Forbidden											
	Tetranitroaniline	1.1D	UN0207	II	1.1D		None	62	None	Forbidden	Forbidden	10	
	Tetranitromethane	5.1	UN1510	I	5.1, 6.1.	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP44	None	227	None	Forbidden	Forbidden	D	40, 66, 106
	<i>2,3,4,6-Tetranitrophenol</i>	Forbidden											
	<i>2,3,4,6-Tetranitrophenyl methyl nitramine</i>	Forbidden											
	<i>2,3,4,6-Tetranitrophenylnitramine</i>	Forbidden											
	<i>Tetranitrosorcinol (dry)</i>	Forbidden											
	<i>2,3,5,6-Tetranitroso-1,4-dinitrobenzene</i>	Forbidden											
	<i>2,3,5,6-Tetranitroso nitrobenzene (dry)</i>	Forbidden											
	Tetrapropylorthotitanate	3	UN2413	III	3	B1, IB3, T4, TP1	150	203	242	60 L	220 L	A	
	Tetrazene, see Guanyl nitrosaminoguanyltetrazene.												
	<i>Tetrazine (dry)</i>	Forbidden											
	Tetrazol-1-acetic acid	1.4C	UN0407	II	1.4C		None	62	None	Forbidden	75 kg	O9	
	1H-Tetrazole	1.1D	UN0504		1.1D		None	62	None	Forbidden	Forbidden	B	1E, 5E
	<i>Tetrazolyl azide (dry)</i>	Forbidden											
	Tetryl, see Trinitrophenylmethylnitramine.												
	Textile waste, wet	4.2	UN1857	III	4.2		151	213	240	Forbidden	Forbidden	A	
	Thallium chlorate	5.1	UN2573	II	5.1, 6.1.	IB6, IP2	None	212	242	5 kg	25 kg	A	56, 58, 106

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols (1)	Hazardous materials descrip-tions and proper shipping names (2)	Hazard class or Di- vision (3)	Identifica- tion Num- bers (4)	PG (5)	Label Codes (6)	Special provisions (§172.102) (7)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions (8A)	Non- bulk (8B)	Bulk (8C)	Passenger aircraft/rail (9A)	Cargo air- craft only (9B)	Loca- tion (10A)	Other (10B)
	Thallium compounds, n.o.s.	6.1	UN1707	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Thallium nitrate	6.1	UN2727	II	6.1, 5.1.	IB6, IP2	None	212	242	5 kg	25 kg	A	.....
	4-Thiapentanal	6.1	UN2785	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	D	25, 49
	Thioacetic acid	3	UN2436	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Thiocarbamate pesticide, liquid, flammable, toxic, flash point less than 23 degrees C.	3	UN2772	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
	.....			II	3, 6.1	IB2, T11, TP13, TP27	None	202	243	1 L	60 L	B	40
	Thiocarbamate pesticide, liquid, toxic, flammable, flash point not less than 23 degrees C.	6.1	UN3005	I	6.1, 3	T14, TP2, TP13	None	201	243	1 L	30 L	B	40
	.....			II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....			III	6.1, 3	IB3, T7, TP2, TP28	153	203	242	60 L	220 L	A	40
	Thiocarbamate pesticide, liquid, toxic.	6.1	UN3006	I	6.1	T14, TP2, TP13	None	201	243	1 L	30 L	B	40
	.....			II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40
	.....			III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40
	Thiocarbamate pesticides, solid, toxic.	6.1	UN2771	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40
	.....			II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40
	.....			III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	<i>Thiocarbonylchloride, see Thiophosgene.</i>												
	Thioglycol	6.1	UN2966	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	Thioglycolic acid	8	UN1940	II	8	A7, B2, IB2, N34, T7, TP2	154	202	242	1 L	30 L	A	.....
	Thiolactic acid	6.1	UN2936	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
	Thionyl chloride	8	UN1836	I	8	A7, B6, B10, N34, T10, TP2, TP12, TP13	None	201	243	Forbidden	Forbidden	C	40
	Thiophene	3	UN2414	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	40

+	Thiophosgene	6.1	UN2474	II	6.1	2, A7, B9, B14, B32, B74, N33, N34, T20, TP2, TP38, TP45	None	227	244	Forbidden	Forbidden	B	26, 40	
	Thiophosphoryl chloride	8	UN1837	II	8	A3, A7, B2, B8, B25, IB2, N34, T7, TP2	None	202	242	Forbidden	30 L	C	40	
	Thiourea dioxide	4.2	UN3341	II	4.2	IB6, IP2	None	212	241	15 kg	50 kg	D	.....
	.....	.....	.....	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	D	.....
	<i>Tin chloride, fuming, see Stannic chloride, anhydrous.</i>
	<i>Tin perchloride or Tin tetrachloride, see Stannic chloride, anhydrous.</i>
	Tinctures, medicinal	3	UN1293	II	3	IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B	.....
	.....	.....	.....	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	<i>Tinning flux, see Zinc chloride</i>
	Titanium disulphide	4.2	UN3174	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	A	.....
	Titanium hydride	4.1	UN1871	II	4.1	A19, A20, IB4, N34	None	212	241	15 kg	50 kg	E	.....
	Titanium powder, dry	4.2	UN2546	I	4.2	A19, A20, IB6, IP2, N5, N34	None	211	242	Forbidden	Forbidden	D	.....
	.....	.....	.....	II	4.2	IB8, IP3	None	212	241	15 kg	50 kg	D	.....
	.....	.....	.....	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	D	.....
	Titanium powder, wetted with not less than 25 percent water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns.	4.1	UN1352	II	4.1	A19, A20, IB6, IP2, N34	None	212	240	15 kg	50 kg	E	.....
Titanium sponge granules or Titanium sponge powders.	4.1	UN2878	III	4.1	A1, IB8, IP3	None	213	240	25 kg	100 kg	D	.....	
+	Titanium tetrachloride	8	UN1838	II	8, 6.1	2, A3, A6, B7, B9, B14, B32, B74, B77, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	C	40	
	Titanium trichloride mixtures	8	UN2869	II	8	A7, IB8, IP2, IP4, N34	154	212	240	15 kg	50 kg	A	40	
	.....	.....	.....	III	8	A7, IB8, IP3, N34	154	213	240	25 kg	100 kg	A	40
	Titanium trichloride, pyrophoric or Titanium trichloride mixtures, pyrophoric.	4.2	UN2441	I	4.2, 8	A7, A8, A19, A20, N34	None	181	244	Forbidden	Forbidden	D	40	
	<i>TNT mixed with aluminum, see Tritonal.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
TNT, <i>see</i> Trinitrotoluene, <i>etc</i> .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
+	Toluene	3	UN1294	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	Toluene diisocyanate	6.1	UN2078	II	6.1	IB2, T7, TP2, TP13	None	202	243	5 L	60 L	D	25, 40
	<i>Toluene sulfonic acid, see Alkyl, or Aryl sulfonic acid etc.</i>												
+	Toluidines liquid	6.1	UN1708	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
+	Toluidines solid	6.1	UN1708	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	.....
	2,4-Toluylenediamine or 2,4- Toluenediamine	6.1	UN1709	III	6.1	IB8, IP3, T4, TP1	153	213	240	100 kg	200 kg	A	.....
	Torpedoes, liquid fueled, with inert head	1.3J	UN0450	II	1.3J .....		.....	62	None	Forbidden	Forbidden	04	23E
	Torpedoes, liquid fueled, with or without bursting charge	1.1J	UN0449	II	1.1J .....		.....	62	None	Forbidden	Forbidden	04	23E
	Torpedoes with bursting charge Torpedoes with bursting charge	1.1E 1.1F	UN0329 UN0330	II II	1.1E .. 1.1F ..		..... .....	62	None	Forbidden Forbidden	Forbidden Forbidden	03 08	..........
	Torpedoes with bursting charge	1.1D	UN0451	II	1.1D ..		.....	62	None	Forbidden	Forbidden	03	.....
G	Toxic liquid, corrosive, inorganic, n.o.s.	6.1	UN3289	I	6.1, 8	T14, TP2, TP13, TP27	None	201	243	0.5 L	2.5 L	A	.....
	.....			II	6.1, 8	IB2, T11, TP2, TP27	None	202	243	1 L	30 L	A	.....
G	Toxic liquid, corrosive, inorganic, n.o.s. Inhalation Hazard, Packing Group I, Zone A.	6.1	UN3289	I	6.1, 8	1, B9, B14, B30, B72, T22, TP2, TP13, TP27, TP38, TP44	None	226	244	Forbidden	Forbidden	B	40
G	Toxic liquid, corrosive, inorganic, n.o.s. Inhalation Hazard, Packing Group I, Zone B.	6.1	UN3289	I	6.1, 8	2, B9, B14, B32, B74, T20, TP2, TP13, TP27, TP38, TP45	None	227	244	Forbidden	Forbidden	B	40
G	Toxic liquid, inorganic, n.o.s.	6.1	UN3287	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	A	.....
	.....			II	6.1	IB2, T11, TP2, TP27	None	202	243	5 L	60 L	A	.....
	.....			III	6.1	IB3, T7, TP1, TP28	153	203	241	60 L	220 L	A	.....
G	Toxic liquid, inorganic, n.o.s. In- halation Hazard, Packing Group I, Zone A.	6.1	UN3287	I	6.1	1, B9, B14, B30, B72, T22, TP2, TP13, TP27, TP38, TP44	None	226	244	Forbidden	Forbidden	B	40

G	Toxic liquid, inorganic, n.o.s. <i>Inhalation Hazard, Packing Group I, Zone B.</i>	6.1	UN3287	I	6.1	.....	2, B9, B14, B32, B74, T20, TP2, TP13, TP27, TP38, TP45	None	.....	227	.....	244	.....	Forbidden	Forbidden	B	40
G	Toxic liquids, corrosive, organic, n.o.s..	6.1	UN2927	I	6.1	8	T14, TP2, TP13, TP38, TP45	None	....	201	.....	243	.....	0.5 L	2.5 L	B	40
	.....	.....	.....	II	6.1	8	IB2, T11, TP2, TP27	None	.....	202	.....	243	.....	1 L	30 L	B	40
G	Toxic liquids, corrosive, organic, n.o.s., <i>inhalation hazard, Packing Group I, Zone A.</i>	6.1	UN2927	I	6.1	8	1, B9, B14, B30, B72, T22, TP2, TP13, TP27, TP38, TP44	None	.....	226	.....	244	.....	Forbidden	Forbidden	D	40
G	Toxic liquids, corrosive, organic, n.o.s., <i>inhalation hazard, Packing Group I, Zone B.</i>	6.1	UN2927	I	6.1	8	2, B9, B14, B32, B74, T20, TP2, TP13, TP27, TP38, TP45	None	....	227	.....	244	.....	Forbidden	Forbidden	D	40
G	Toxic liquids, flammable, organic, n.o.s..	6.1	UN2929	I	6.1	3	T14, TP2, TP13, TP27	None	.....	201	.....	243	.....	1 L	30 L	B	40
	.....	.....	.....	II	6.1	3	IB2, T11, TP2, TP13, TP27	None	.....	202	.....	243	.....	5 L	60 L	B	40
G	Toxic liquids, flammable, organic, n.o.s., <i>inhalation hazard, Packing Group I, Zone A.</i>	6.1	UN2929	I	6.1	3	1, B9, B14, B30, B72, T22, TP2, TP13, TP27, TP38, TP44	None	.....	226	.....	244	.....	Forbidden	Forbidden	D	40
G	Toxic liquids, flammable, organic, n.o.s., <i>inhalation hazard, Packing Group I, Zone B.</i>	6.1	UN2929	I	6.1	3	2, B9, B14, B32, B74, T20, TP2, TP13, TP27, TP38, TP45	None	.....	227	.....	244	.....	Forbidden	Forbidden	D	40
G	Toxic, liquids, organic, n.o.s.	6.1	UN2810	I	6.1	.....	T14, TP2, TP13, TP27	None	.....	201	.....	243	.....	1 L	30 L	B	40
	.....	.....	.....	II	6.1	.....	IB2, T11, TP2, TP13, TP27	None	.....	202	.....	243	.....	5 L	60 L	B	40
	.....	.....	.....	III	6.1	.....	IB3, T7, TP1, TP28	153	.....	203	.....	241	.....	60 L	220 L	A	40
G	Toxic, liquids, organic, n.o.s. <i>Inhalation hazard, Packing Group I, Zone A.</i>	6.1	UN2810	I	6.1	.....	1, B9, B14, B30, B72, T22, TP2, TP13, TP27, TP38, TP44	None	....	226	.....	244	.....	Forbidden	Forbidden	D	40
G	Toxic, liquids, organic, n.o.s. <i>Inhalation hazard, Packing Group I, Zone B.</i>	6.1	UN2810	I	6.1	.....	2, B9, B14, B32, B74, T20, TP2, TP13, TP27, TP38, TP45	None	.....	227	.....	244	.....	Forbidden	Forbidden	D	40
G	Toxic liquids, oxidizing, n.o.s.	6.1	UN3122	I	6.1,		A4	None	.....	201	.....	243	.....	Forbidden	2.5 L	C	.....
	.....	.....	.....	II	6.1,	5.1.	IB2	None	.....	202	.....	243	.....	1 L	5 L	C	.....
	.....	.....	.....		6.1,	5.1.											
G	Toxic liquids, oxidizing, n.o.s. <i>Inhalation hazard, Packing Group I, Zone A.</i>	6.1	UN3122	I	6.1,	5.1.	1, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	.....	226	.....	244	.....	Forbidden	Forbidden	C	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
G	Toxic liquids, oxidizing, n.o.s. <i>Inhalation Hazard, Packing Group I, Zone B.</i>	6.1	UN3122	I	6.1, 5.1.	2, B9, B14, B32, T20, TP2, TP13, TP38, TP44	None	227	244	Forbidden	Forbidden	C	.....
G	Toxic liquids, water-reactive, n.o.s.	6.1	UN3123	I	6.1, 4.3.	A4	None	201	243	Forbidden	1 L	E	40
	.....	.....	.....	II	6.1, 4.3.	IB2	None	202	243	1 L	5 L	E	40
G	Toxic liquids, water-reactive, n.o.s. <i>Inhalation hazard, packing group I, Zone A.</i>	6.1	UN3123	I	6.1, 4.3.	1, B9, B14, B30, B72, T22, TP2, TP13, TP38, TP44	None	226	244	Forbidden	Forbidden	E	40
G	Toxic liquids, water-reactive, n.o.s. <i>Inhalation hazard, packing group I, Zone B.</i>	6.1	UN3123	I	6.1, 4.3.	2, B9, B14, B32, B74, T20, TP2, TP13, TP38, TP44	None	227	244	Forbidden	Forbidden	E	40
G	Toxic solid, corrosive, inorganic, n.o.s.	6.1	UN3290	I	6.1, 8	IB7	None	211	242	1 kg	25 kg	A	.....
	.....	.....	.....	II	6.1, 8	IB6, IP2	None	212	242	15 kg	50 kg	A	.....
G	Toxic solid, inorganic, n.o.s.	6.1	UN3288	I	6.1	IB7	None	211	242	5 kg	50 kg	A	.....
	.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
G	Toxic solids, corrosive, organic, n.o.s.	6.1	UN2928	I	6.1, 8	IB7	None	211	242	1 kg	25 kg	B	40
	.....	.....	.....	II	6.1, 8	IB6, IP2	None	212	242	15 kg	50 kg	B	40
G	Toxic solids, flammable, organic, n.o.s.	6.1	UN2930	I	6.1, 4.1.	IB6	None	211	242	1 kg	15 kg	B	.....
	.....	.....	.....	II	6.1, 4.1.	IB8, IP2, IP4	None	212	242	15 kg	50 kg	B	.....
G	Toxic solids, organic, n.o.s.	6.1	UN2811	I	6.1	IB7	None	211	242	5 kg	50 kg	B	.....
	.....	.....	.....	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	B	.....
	.....	.....	.....	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	.....
G	Toxic solids, oxidizing, n.o.s.	6.1	UN3086	I	6.1, 5.1.		None	211	242	1 kg	15 kg	C	.....
	.....	.....	.....	II	6.1, 5.1.	IB6, IP2	None	212	242	15 kg	50 kg	C	.....
G	Toxic solids, self-heating, n.o.s.	6.1	UN3124	I	6.1, 4.2.	A5	None	211	242	5 kg	15 kg	D	40
	.....	.....	.....	II	6.1, 4.2.	IB6, IP2	None	212	242	15 kg	50 kg	D	40

G	Toxic solids, water-reactive, n.o.s..	6.1	UN3125	I	6.1, 4.3.	A5	None	211	242	5 kg	15 kg	D	40
				II	6.1, 4.3.	IB6, IP2	None	212	242	15 kg	50 kg	D	40
G	Toxins, from living sources, liquid, n.o.s..	6.1	UN3172	I	6.1	141	None	201	243	1 L	30 L	B	40
				II	141	None	202	243	5 L	60 L	B	40	
				III	141	153	203	241	60 L	220L	A	40	
G	Toxins, from living sources, solid, n.o.s..	6.1	UN3172	I	6.1	141	None	211	243	5 kg	50 kg	B	
				II	141	None	212	243	25 kg	100 kg	B		
				III	141	153	213	241	100 kg	200 kg	A		
D	Toy Caps	1.4S	NA0337	II	1.4S	None	62	None	25 kg	100 kg	05		
	Tracers for ammunition	1.3G	UN0212	II	1.3G	None	62	None	Forbidden	Forbidden	07		
	Tracers for ammunition	1.4G	UN0306	II	1.4G	None	62	None	Forbidden	75 kg	06		
	Tractors, see Vehicle, etc												
	Tri-(b-nitroxyethyl) ammonium nitrate.	Forbidden											
	Triallyl borate	6.1	UN2609	III	6.1	IB3	153	203	241	60 L	220 L	A	13
	Triallylamine	3	UN2610	III	3, 8	B1, IB3, T4, TP1	None	203	242	5 L	60 L	A	40
	Triazine pesticides, liquid, flammable, toxic, flash point less than 23 degrees C.	3	UN2764	I	3, 6.1	T14, TP2, TP13, TP27	None	201	243	Forbidden	30 L	B	40
				II	3, 6.1	IB2, T11, TP2, TP13, TP27	None	202	243	1 L	60 L	B	40
	Triazine pesticides, liquid, toxic	6.1	UN2998	I	6.1	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40
			II	6.1	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40	
			III	6.1	IB3, T7, TP2, TP28	153	203	241	60 L	220 L	A	40	
Triazine pesticides, liquid, toxic, flammable, flash point not less than 23 degrees C.	6.1	UN2997	I	6.1, 3	T14, TP2, TP13, TP27	None	201	243	1 L	30 L	B	40	
			II	6.1, 3	IB2, T11, TP2, TP13, TP27	None	202	243	5 L	60 L	B	40	
			III	6.1, 3	IB3, T7, TP2, TP28	153	203	242	60 L	220 L	A	40	
Triazine pesticides, solid, toxic	6.1	UN2763	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	40	
			II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	40	
			III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40	
Tributylamine	6.1	UN2542	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A		
Tributylphosphane	4.2	UN3254	I	4.2		None	211	242	Forbidden	Forbidden	D		
Trichloro-s-triazinetrione dry, with more than 39 percent available chlorine, see Trichloroisocyanuric acid, dry.													
Trichloroacetic acid	8	UN1839	II	8	A7, IB8, IP2, IP4, N34	154	212	240	15 kg	50 kg	A		
Trichloroacetic acid, solution	8	UN2564	II	8	A3, A6, A7, B2, IB2, N34, T7, TP2	154	202	242	1 L	30 L	B		

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

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Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age		
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other	
														(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)	
+	.....	.....	.....	III	8	A3, A6, A7, IB3, N34, T4, TP1	154	203	241	5 L	60 L	B	8
	Trichloroacetyl chloride	8	UN2442	II	8, 6.1	2, A3, A7, B9, B14, B32, B74, N34, T20, TP2, TP38, TP45	None	227	244	Forbidden	Forbidden	D	40	
	Trichlorobenzenes, liquid	6.1	UN2321	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
	Trichlorobutene	6.1	UN2322	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	25, 40	
	1,1,1-Trichloroethane	6.1	UN2831	III	6.1	IB3, N36, T4, TP1	153	203	241	60 L	220 L	A	40	
	Trichloroethylene	6.1	UN1710	III	6.1	IB3, N36, T4, TP1	153	203	241	60 L	220 L	A	40	
	Trichloroisocyanuric acid, dry	5.1	UN2468	II	5.1	IB8, IP4	152	212	240	5 kg	25 kg	A	13	
	Trichloromethyl perchlorate	Forbidden
	Trichlorosilane	4.3	UN1295	I	4.3, 3, 8.	A7, N34, T14, TP2, TP7, TP13	None	201	244	Forbidden	Forbidden	D	21, 28, 40, 49, 100	
	Tricresyl phosphate with more than 3 percent ortho isomer.	6.1	UN2574	II	6.1	A3, IB2, N33, N34, T7, TP2	None	202	243	5 L	60 L	A	.....
	Triethyl phosphite	3	UN2323	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Triethylamine	3	UN1296	II	3, 8	IB2, T7, TP1	None	202	243	1 L	5 L	B	40	
	Triethylenetetramine	8	UN2259	II	8	B2, IB2, T7, TP2	154	202	242	1 L	30 L	B	40	
	Trifluoroacetic acid	8	UN2699	I	8	A3, A6, A7, B4, N3, N34, T10, TP2, TP12	None	201	243	0.5 L	2.5 L	B	12, 40	
	Trifluoroacetyl chloride	2.3	UN3057	.....	2.3, 8	2, B7, B9, B14, T50, TP21	None	304	314, 315.	Forbidden	Forbidden	D	40
	Trifluorochloroethylene, sta- bilized.	2.3	UN1082	.....	2.3, 2.1.	3, B14, T50	None	304	314, 315.	Forbidden	Forbidden	D	40
	1,1,1-Trifluoroethane or Refrig- erant gas, R143a.	2.1	UN2035	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	B	40
	Trifluoromethane or Refrigerant gas R 23.	2.2	UN1984	.....	2.2	.....	306	304	314, 315.	75 kg	150 kg	A	.....
	Trifluoromethane, refrigerated liquid.	2.2	UN3136	.....	2.2	T75, TP5	306	None	314, 315.	50 kg	500 kg	D	.....
	2-Trifluoromethylaniline	6.1	UN2942	III	6.1	IB3	153	203	241	60 L	220 L	A
3-Trifluoromethylaniline	6.1	UN2948	.....	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	40
Triformoxime trinitrate	Forbidden	
Triisobutylene	3	UN2324	III	3	B1, IB3, T4, TP1	150	203	242	60 L	220 L	A	

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D	Triisopropyl borate	3	UN2616	II 3	IB2, T4, TP1	150	202	242	5 L	60 L	A
	III 3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A
	Trimethoxysilane	6.1	NA9269	I 6.1, 3	2, B9, B14, B32, B74, T20, TP4, TP12, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	E	40
	Trimethyl borate	3	UN2416	II 3	IB2, T7, TP1	150	202	242	5 L	60 L	B	.....
	Trimethyl phosphite	3	UN2329	III 3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	1,3,5-Trimethyl-2,4,6-trinitrobenzene.	Forbidden										
	Trimethylacetyl chloride	6.1	UN2438	I 6.1, 8, 3.	2, A3, A6, A7, B3, B9, B14, B32, B74, N34, T20, TP2, TP13, TP38, TP45	None	227	244	Forbidden	Forbidden	D	25, 40
	Trimethylamine, anhydrous	2.1	UN1083	..... 2.1	T50	306	304	314, 315.	Forbidden	150 kg	B	40
	Trimethylamine, aqueous solutions with not more than 50 percent trimethylamine by mass.	3	UN1297	I 3, 8	T11, TP1	None	201	243	0.5 L	2.5 L	D	40, 41
	.....			II 3, 8	B1, IB2, T7, TP1	None	202	243	1 L	5 L	B	40, 41
	.....			III 3, 8	B1, IB3, T7, TP1	150	203	242	5 L	60 L	A	40, 41
	1,3,5-Trimethylbenzene	3	UN2325	III 3	B1, IB3, T2, TP1	None	203	242	60 L	220 L	A	.....
	Trimethylchlorosilane	3	UN1298	II 3, 8	A3, A7, B77, IB2, N34, T7, TP2, TP13	None	202	243	1 L	5 L	E	40
	Trimethylcyclohexylamine	8	UN2326	III 8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Trimethylene glycol diperchlorate.	Forbidden										
	Trimethylhexamethylene diisocyanate.	6.1	UN2328	III 6.1	IB3, T4, TP2, TP13	153	203	241	60 L	220 L	B	.....
	Trimethylhexamethylenediamines.	8	UN2327	III 8	IB3, T4, TP1	154	203	241	5 L	60 L	A	.....
	Trimethylol nitromethane trinitrate.	Forbidden										
	Trinitro-meta-cresol	1.1D	UN0216	II 1.1D ..		None	62	None	Forbidden	Forbidden	10	5E
	2,4,6-Trinitro-1,3-diazobenzene	Forbidden										
2,4,6-Trinitro-1,3,5-triazido benzene (dry).	Forbidden											
Trinitroacetic acid	Forbidden											
Trinitroacetonitrile	Forbidden											
Trinitroamine cobalt	Forbidden											
Trinitroaniline or Picramide	1.1D	UN0153	II 1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Trinitroanisole	1.1D	UN0213	II 1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Trinitrobenzene, dry or wetted with less than 30 percent water, by mass.	1.1D	UN0214	II 1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Trinitrobenzene, wetted, with not less than 10% water by mass.	4.1	UN3367	I 4.1	162, A8, A19, N41, N84	None	211	None	0.5 kg	0.5 kg	E	36	

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym-bols	Hazardous materials descrip-tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	Trinitrobenzene, wetted <i>with not less than 30 percent water, by mass.</i>	4.1	UN1354	I	4.1	23, A2, A8, A19, N41	None	211	None	0.5 kg	0.5 kg	E	28
	Trinitrobenzenesulfonic acid	1.1D	UN0386	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	5E
	Trinitrobenzoic acid, <i>dry or wetted with less than 30 percent water, by mass.</i>	1.1D	UN0215	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Trinitrobenzoic acid, wetted, <i>with not less than 10% water by mass.</i>	4.1	UN3368	I	4.1	162, A8, A19, N41, N84	None	211	None	0.5 kg	0.5 kg	E	36
	Trinitrobenzoic acid, wetted <i>with not less than 30 percent water, by mass.</i>	4.1	UN1355	I	4.1	23, A2, A8, A19, N41	None	211	None	0.5 kg	0.5 kg	E	28
	Trinitrochlorobenzene or Picryl chloride.	1.1D	UN0155	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Trinitrochlorobenzene (picryl chloride), wetted, <i>with not less than 10% water by mass.</i>	4.1	UN3365	I	4.1	162, A8, A19, N41, N84	None	211	None	0.5 kg	0.5 kg	E	36
	Trinitroethanol	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Trinitroethylnitrate	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Trinitrofluorenone	1.1D	UN0387	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Trinitromethane	Forbidden			.....		.....	.....	.....	.....	.....		.....
	1,3,5-Trinitronaphthalene	Forbidden			.....		.....	.....	.....	.....	.....		.....
	Trinitronaphthalene	1.1D	UN0217	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Trinitrophenetole	1.1D	UN0218	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
	Trinitrophenol or Picric acid, <i>dry or wetted with less than 30 percent water, by mass.</i>	1.1D	UN0154	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	5E
	Trinitrophenol (picric acid), wetted, <i>with not less than 10% water by mass.</i>	4.1	UN3364	I	4.1	162, A8, A19, N41, N84	None	211	None	0.5 kg	0.5 kg	E	36
	Trinitrophenol, wetted <i>with not less than 30 percent water, by mass.</i>	4.1	UN1344	I	4.1	23, A8, A19, N41	None	211	None	1 kg	15 kg	E	28, 36
	2,4,6-Trinitrophenyl guanidine (dry).	Forbidden			.....		.....	.....	.....	.....	.....		.....
	2,4,6-Trinitrophenyl nitramine	Forbidden			.....		.....	.....	.....	.....	.....		.....
	2,4,6-Trinitrophenyl trimethylol methyl nitramine trinitrate (dry).	Forbidden			.....		.....	.....	.....	.....	.....		.....

Trinitrophenylmethylnitramine or Tetryl.	1.1D	UN0208	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Trinitroresorcinol or Styphnic acid, dry or wetted with less than 20 percent water, or mixture of alcohol and water, by mass.	1.1D	UN0219	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	5E
Trinitroresorcinol, wetted or Styphnic acid, wetted with not less than 20 percent water, or mixture of alcohol and water by mass.	1.1D	UN0394	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	5E
2,4,6-Trinitroso-3-methyl nitraminoanisole.	Forbidden			.....		.....	.....	.....	.....	.....		.....
Trinitrotetraamine cobalt nitrate ...	Forbidden			.....		.....	.....	.....	.....	.....	10	.....
Trinitrotoluene and Trinitrobenzene mixtures or TNT and trinitrobenzene mixtures or TNT and hexanitrostilbene mixtures or Trinitrotoluene and hexanitrostilbene mixtures.	1.1D	UN0388	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Trinitrotoluene mixtures containing Trinitrobenzene and Hexanitrostilbene or TNT mixtures containing trinitrobenzene and hexanitrostilbene.	1.1D	UN0389	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass.	1.1D	UN0209	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Trinitrotoluene (TNT), wetted, with not less than 10% water by mass.	4.1	UN3366	I	4.1	162, A8, A19, N41, N84	None	211	None	0.5 kg	0.5 kg	E	36
Trinitrotoluene, wetted with not less than 30 percent water, by mass.	4.1	UN1356	I	4.1	23, A2, A8, A19, N41	None	211	None	0.5 kg	0.5 kg	E	28
Tripropylamine	3	UN2260	III	3, 8	B1, IB3, T4, TP1	150	203	242	5 L	60 L	A	40
Tripropylene	3	UN2057	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
.....	.....	.....	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Tris-(1-aziridinyl)phosphine oxide, solution.	6.1	UN2501	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....
.....	.....	.....	III	6.1	IB3, T4, TP1	153	203	241	60 L	220 L	A	.....
Tris, bis-bifluoroamino diethoxy propane (TVOPA).	Forbidden			.....		.....	.....	.....	.....	.....		.....
Tritonal	1.1D	UN0390	II	1.1D ..		None	62	None	Forbidden	Forbidden	10	.....
Tungsten hexafluoride	2.3	UN2196	.....	2.3, 8		None	338	None	Forbidden	Forbidden	D	40
Turpentine	3	UN1299	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
Turpentine substitute	3	UN1300	I	3	T11, TP1, TP8, TP27	None	201	243	1 L	30 L	B	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
							(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	.....	.....		II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	.....	.....		III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Undecane	3	UN2330	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....
	Urea hydrogen peroxide	5.1	UN1511	III	5.1, 8	A1, A7, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	13
	Urea nitrate, <i>dry or wetted with less than 20 percent water, by mass.</i>	1.1D	UN0220	II	1.1D ..	119	None	62	None	Forbidden	Forbidden	10	.....
	Urea nitrate, wetted, <i>with not less than 10% water by mass.</i>	4.1	UN3370	I	4.1	162, A8, A19, N41, N83	None	211	None	0.5 kg	0.5 kg	E	36
	Urea nitrate, wetted <i>with not less than 20 percent water, by mass.</i>	4.1	UN1357	I	4.1	23, 39, A8, A19, N41	None	211	None	1 kg	15 kg	E	28, 36
	<i>Urea peroxide, see Urea hydro- gen peroxide.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Valeraldehyde	3	UN2058	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....
	<i>Valeric acid, see Corrosive liq- uids, n.o.s..</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Valeryl chloride	8	UN2502	II	8, 3	A3, A6, A7, B2, IB2, N34, T7, TP2	154	202	243	1 L	30 L	C	40
	Vanadium compound, n.o.s.	6.1	UN3285	I	6.1	IB7, IP1, T14, TP2, TP27	None	211	242	5 kg	50 kg	B	.....
	.....	.....	.....	II	6.1	IB8, IP2, IP4, T11, TP2, TP27	None	212	242	25 kg	100 kg	B	.....
	.....	.....	.....	III	6.1	IB8, IP3, T7, TP1, TP28	153	213	240	100 kg	200 kg	A	.....
	Vanadium oxytrichloride	8	UN2443	II	8	A3, A6, A7, B2, B16, IB2, N34, T7, TP2	154	202	242	Forbidden	30 L	C	40
	Vanadium pentoxide, <i>non-fused form.</i>	6.1	UN2862	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	40
	Vanadium tetrachloride	8	UN2444	I	8	A3, A6, A7, B4, N34, T10, TP2	None	201	243	Forbidden	2.5 L	C	40
	Vanadium trichloride	8	UN2475	III	8	IB8, IP3	154	213	240	25 kg	100 kg	A	40
	Vanadyl sulfate	6.1	UN2931	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	.....
	Vehicle, flammable gas powered	9	UN3166	.....	9	135, 157	220	220	220	Forbidden	No limit	A	.....
	Vehicle, flammable liquid pow- ered..	9	UN3166	.....	9	135, 157	220	220	220	No limit	No limit	A	.....

Very signal cartridge, see Cartridges, signal.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vinyl acetate, stabilized	3	UN1301	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....	.....
Vinyl bromide, stabilized	2.1	UN1085	.....	2.1	T50	306	304	314, 315.	Forbidden	150 kg	B	40	.....
Vinyl butyrate, stabilized	3	UN2838	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....	.....
Vinyl chloride, stabilized	2.1	UN1086	.....	2.1	21, B44, T50	306	304	314, 315.	Forbidden	150 kg	B	40	.....
Vinyl chloroacetate	6.1	UN2589	II	6.1, 3	IB2, T7, TP2	None	202	243	5 L	60 L	A	.....	.....
Vinyl ethyl ether, stabilized	3	UN1302	I	3	A3, T11, TP2	None	201	243	1 L	30 L	D	.....	.....
Vinyl fluoride, stabilized	2.1	UN1860	.....	2.1	.....	306	304	314, 315.	Forbidden	150 kg	E	40	.....
Vinyl isobutyl ether, stabilized	3	UN1304	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	.....	.....
Vinyl methyl ether, stabilized	2.1	UN1087	.....	2.1	B44, T50	306	304	314, 315.	Forbidden	150 kg	B	40	.....
Vinyl nitrate polymer	Forbidden	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vinylidene chloride, stabilized	3	UN1303	I	3	T12, TP2, TP7	150	201	243	1 L	30 L	E	40	.....
Vinylpyridines, stabilized	6.1	UN3073	II	6.1, 3, 8.	IB1, T7, TP2, TP13	None	202	243	1 L	30 L	B	40	.....
Vinyltoluenes, stabilized	3	UN2618	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	.....	.....
Vinyltrichlorosilane, stabilized	3	UN1305	I	3, 8	A3, A7, B6, N34, T11, TP2, TP13	None	201	243	Forbidden	2.5 L	B	40	.....
Warheads, rocket with burster or expelling charge.	1.4D	UN0370	II	1.4D	.....	None	62	None	Forbidden	75 kg	02	.....	.....
Warheads, rocket with burster or expelling charge.	1.4F	UN0371	II	1.4F	.....	None	62	None	Forbidden	Forbidden	08	.....	.....
Warheads, rocket with bursting charge.	1.1D	UN0286	II	1.1D	.....	None	62	None	Forbidden	Forbidden	03	.....	.....
Warheads, rocket with bursting charge.	1.2D	UN0287	II	1.2D	.....	None	62	None	Forbidden	Forbidden	03	.....	.....
Warheads, rocket with bursting charge.	1.1F	UN0369	II	1.1F	.....	None	62	None	Forbidden	Forbidden	08	.....	.....
Warheads, torpedo with bursting charge.	1.1D	UN0221	II	1.1D	.....	None	62	None	Forbidden	Forbidden	03	.....	.....
G Water-reactive liquid, corrosive, n.o.s.	4.3	UN3129	I	4.3, 8	.....	None	201	243	Forbidden	1 L	D	.....	.....
.....	.....	.....	II	4.3, 8	IB1	None	202	243	1 L	5 L	E	85	.....
.....	.....	.....	III	4.3, 8	IB2	None	203	242	5 L	60 L	E	.....	.....
G Water-reactive liquid, n.o.s.	4.3	UN3148	I	4.3	.....	None	201	244	Forbidden	1 L	E	40	.....
.....	.....	.....	II	4.3	IB1	None	202	243	1 L	5 L	E	40	.....
.....	.....	.....	III	4.3	IB2	None	203	242	5 L	60 L	E	40	.....
G Water-reactive liquid, toxic, n.o.s.	4.3	UN3130	I	4.3,	A4	None	201	243	Forbidden	1 L	D	.....	.....
.....	.....	.....	II	4.3,	IB1	None	202	243	1 L	5 L	E	85	.....
.....	.....	.....	.....	6.1.	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	.....	.....	III	4.3,	IB2	None	203	242	5 L	60 L	E	85	.....
.....	.....	.....	.....	6.1.	.....	.....	.....	.....	.....	.....	.....	.....	.....
G Water-reactive solid, corrosive, n.o.s.	4.3	UN3131	I	4.3, 8	IB4, IP1, N40	None	211	242	Forbidden	15 kg	D	.....	.....
.....	.....	.....	II	4.3, 8	IB6, IP2	151	212	242	15 kg	50 kg	E	85	.....

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age		
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other	
														(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
G	Water-reactive solid, flammable, n.o.s.	4.3	UN3132	III	4.3, 8	IB8, IP4 IB4, N40	151	213	241	25 kg	100 kg	E	85	
					I		4.3, 4.1.	None	211	242	Forbidden	15 kg	D	.....
					II		4.3, 4.1.	151	212	242	15 kg	50 kg	E	.....
G	Water-reactive solid, n.o.s.	4.3	UN2813	III	4.3,	IB6	151	213	241	25 kg	100 kg	E	.....
					I		4.3	None	211	242	Forbidden	15 kg	E	40
					II		4.3	151	212	242	15 kg	50 kg	E	40
G	Water-reactive, solid, oxidizing, n.o.s.	4.3	UN3133	III	4.3	IB8, IP4	151	213	241	25 kg	100 kg	E	40	
					II		4.3, 5.1.	None	214	214	Forbidden	Forbidden	E	40
					III		4.3, 5.1.	None	214	214	Forbidden	Forbidden	E	40
G	Water-reactive solid, self-heat- ing, n.o.s.	4.3	UN3135	I	4.3,	N40	None	211	242	Forbidden	15 kg	E	.....
					II		4.3, 4.2.	None	212	242	15 kg	50 kg	E	.....
					III		4.3, 4.2.	None	213	241	25 kg	100 kg	E	.....
G	Water-reactive solid, toxic, n.o.s.	4.3	UN3134	I	4.3,	A8, IB4, IP1, N40	None	211	242	Forbidden	15 kg	D	.....
					II		4.3, 6.1.	151	212	242	15 kg	50 kg	E	85
					III		4.3, 6.1.	151	213	241	25 kg	100 kg	E	85
I	White asbestos (<i>chrysotile, ac- tinolite, anthophyllite, tremolite</i>). Wood preservatives, liquid	9	UN2590	III	9	156, IB8, IP2, IP3	155	216	240	200 kg	200 kg	A	34, 40	
					3		149, IB2, T4, TP1, TP8	150	202	242	5 L	60 L	B.	
					3		B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	40
I	Xanthates	4.2	UN3342	III	4.2	IB6, IP2 IB8, IP3	None	212	241	15 kg	50 kg	D	40	
					III		4.2	None	213	241	25 kg	100 kg	D	40
	<i>Wheel chair, electric, see Bat- tery powered vehicle or Bat- tery powered equipment.</i>													
	<i>White acid, see Hydrofluoric acid.</i>													

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A, I, W	Wool waste, wet	4.2	UN1387	III	4.2	151	213	240	Forbidden	Forbidden	A		
	Xenon	2.2	UN2036	2.2	306	302	None	75 kg	150 kg	A		
	Xenon, refrigerated liquid (<i>cryogenic liquids</i>).	2.2	UN2591	.....	2.2	T75, TP5	320	None	50 kg	500 kg	B		
	Xylenes	3	UN1307	II	3	IB2, T4, TP1	150	202	242	5 L	60 L	B	
	Xylenols	6.1	UN2261	III	3	B1, IB3, T2, TP1	150	203	242	60 L	220 L	A	
	Xylidines, liquid	6.1	UN1711	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	
	Xylidines, solid	6.1	UN1711	II	6.1	IB2, T7, TP2	None	202	243	5 L	60 L	A	
	Xylyl bromide	6.1	UN1701	II	6.1	IB8, IP2, IP4, T7, TP2	None	212	242	25 kg	100 kg	A	
	<i>p</i> -Xylyl diazide	Forbidden				A3, A6, A7, IB2, N33, T7, TP2, TP13	None	340	None	Forbidden	60 L	D	40
	Zinc ammonium nitrite	5.1	UN1512	II	5.1	IB8, IP4	None	212	242	5 kg	25 kg	E	
	Zinc arsenate or Zinc arsenite or Zinc arsenate and zinc arsenite mixtures.	6.1	UN1712	II	6.1	IB8, IP2, IP4	None	212	242	25 kg	100 kg	A	
	Zinc ashes	4.3	UN1435	III	4.3	A1, A19, IB8, IP4	151	213	241	25 kg	100 kg	A	
	Zinc bisulfite solution, <i>see</i> Bisulfites, aqueous solutions, n.o.s..												
	Zinc bromate	5.1	UN2469	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	56, 58, 106
	Zinc chlorate	5.1	UN1513	II	5.1	A9, IB8, IP2, IP4, N34	152	212	242	5 kg	25 kg	A	56, 58, 106
	Zinc chloride, anhydrous	8	UN2331	III	8	IB8, IP3	None	213	240	25 kg	100 kg	A	
	Zinc chloride, solution	8	UN1840	III	8	IB3, T4, TP1	154	203	241	5 L	60 L	A	
	Zinc cyanide	6.1	UN1713	I	6.1	IB7, IP1	None	211	242	5 kg	50 kg	A	26
	Zinc dithionite or Zinc hydro-sulfite.	9	UN1931	III	None	IB8	155	204	240	100 kg	200 kg	A	49
	Zinc ethyl, <i>see</i> Diethylzinc												
	Zinc fluosilicate	6.1	UN2855	III	6.1	IB8, IP3	153	213	240	100 kg	200 kg	A	26
	Zinc hydrosulfite, <i>see</i> Zinc dithionite.												
	Zinc muriate solution, <i>see</i> Zinc chloride, solution.												
	Zinc nitrate	5.1	UN1514	II	5.1	IB8, IP4	152	212	240	5 kg	25 kg	A	
	Zinc permanganate	5.1	UN1515	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	D	56, 58, 69, 106, 107
	Zinc peroxide	5.1	UN1516	II	5.1	IB6, IP2	152	212	242	5 kg	25 kg	A	13, 75, 106
	Zinc phosphide	4.3	UN1714	I	4.3, 6.1	A19, N40	None	211	None	Forbidden	15 kg	E	40, 85
	Zinc powder or Zinc dust	4.3	UN1436	I	4.3, 4.2	A19, IB4, IP1, N40	None	211	242	Forbidden	15 kg	A	

§ 172.101 HAZARDOUS MATERIALS TABLE—Continued

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Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	.....	.....		II	4.3, 4.2.	A19, IB7, IP2	None	212	242	15 kg	50 kg	A	.....
	.....	.....		III	4.3, 4.2.	IB8, IP4	None	213	242	25 kg	100 kg	A	.....
	Zinc resinate	4.1	UN2714	III	4.1	A1, IB6	151	213	240	25 kg	100 kg	A	.....
	<i>Zinc selenate, see Selenates or Selenites.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Zinc selenite, see Selenates or Selenites.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	<i>Zinc silicofluoride, see Zinc fluorosilicate.</i>	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Zirconium, dry, <i>coiled wire, finished metal sheets, strip (thinner than 254 microns but not thinner than 18 microns).</i>	4.1	UN2858	III	4.1	A1, IB8	151	213	240	25 kg	100 kg	A	.....
	Zirconium, dry, <i>finished sheets, strip or coiled wire.</i>	4.2	UN2009	III	4.2	A1, A19, IB8	None	213	240	25 kg	100 kg	D	.....
	Zirconium hydride	4.1	UN1437	II	4.1	A19, A20, IB4, N34	None	212	240	15 kg	50 kg	E	.....
	Zirconium nitrate	5.1	UN2728	III	5.1	A1, A29, IB8, IP3	152	213	240	25 kg	100 kg	A	.....
	Zirconium picramate, <i>dry or wetted with less than 20 percent water, by mass.</i>	1.3C	UN0236	II	1.3C ..		None	62	None ...	Forbidden	Forbidden	10	5E
	Zirconium picramate, <i>wetted with not less than 20 percent water, by mass.</i>	4.1	UN1517	I	4.1	23, N41	None	211	None ...	1 kg	15 kg	D	28, 36
	Zirconium powder, dry	4.2	UN2008	I	4.2		None	211	242	Forbidden	Forbidden	D	.....
	.....	.....	.....	II	4.2	A19, A20, IB6, IP2, N5, N34	None	212	241	15 kg	50 kg	D	.....
	.....	.....	.....	III	4.2	IB8, IP3	None	213	241	25 kg	100 kg	D	.....
	Zirconium powder, <i>wetted with not less than 25 percent water (a visible excess of water must be present) (a) mechanically produced, particle size less than 53 microns; (b) chemically produced, particle size less than 840 microns.</i>	4.1	UN1358	II	4.1	A19, A20, IB6, IP2, N34	None	212	241	15 kg	50 kg	E	.....
	Zirconium scrap	4.2	UN1932	III	4.2	IB8, IP3, N34	None	213	240	Forbidden	Forbidden	D

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Zirconium suspended in a liquid	3	UN1308	I	3	None	201	243	Forbidden	Forbidden	B
.....	.....	.....	II	3	.....	IB2	202	242	5 L	60 L	B	.....
.....	.....	.....	III	3	.....	B1, IB2	150	203	60 L	220 L	B	.....
Zirconium tetrachloride	8	UN2503	III	8	.....	IB8, IP3	154	213	25 kg	100 kg	A	.....

[Amdt. 172-173, 55 FR 52474, Dec. 21, 1990]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting §172.101, see the List of CFR Sections Affected in the Finding Aids section of this volume.

EDITORIAL NOTE: At 68 FR 45020, July 31, 2003, §172.101 was amended by revising entries in the Hazardous Materials Table; however, two amendments could not be incorporated because those entries do not exist. For the convenience of the user, the revised text is set forth as follows:

§ 172.101 Purpose and use of hazardous materials table.

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§ 172.101 HAZARDOUS MATERIALS TABLE

Sym- bols	Hazardous materials descrip- tions and proper shipping names	Hazard class or Di- vision	Identifica- tion Num- bers	PG	Label Codes	Special provisions (§172.102)	(8) Packaging (§173.***)			(9) Quantity limitations		(10) Vessel stow- age	
							Excep- tions	Non- bulk	Bulk	Passenger aircraft/rail	Cargo air- craft only	Loca- tion	Other
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8A)	(8B)	(8C)	(9A)	(9B)	(10A)	(10B)
	* * Dipicryl dulfide, wetted with not less than 10 percent water, by mass.	*	UN2852	I	4.1	162, A2, N41, N84	None	211	None	Forbidden	0.5 kg	D	28
	* * Polyester resin	*	UN3269	.....	3	40, 149	152	225	None	5 kg	5 kg	B	
	* *	*		*		*	*		*	*	*		