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## SCHEDULE 1

### CLASSES 1 TO 9

#### LEGEND

**Col. 1 UN Number.** This column gives the UN numbers for the shipping names of the dangerous goods. The shipping names are listed in alphabetical order in Schedule 3.

**Col. 2 Shipping Name and Description.** This column gives the shipping names for the dangerous goods. Each shipping name is written in upper case letters (capitals) and any descriptive text is written in lower case letters. The word “or” between shipping names indicates that there is more than one shipping name for the dangerous goods and that each shipping name is correct. Any one of the shipping names may be used, for example, to complete a shipping document.

*See paragraph 1.3(2)(d) of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) for additional information about shipping names and how they may be written to complete, for example, a shipping document.*

*The abbreviation N.O.S. means “Not Otherwise Specified”.*

**Col. 3 Class.** This column gives the primary class for the dangerous goods. Any subsidiary class is shown in parentheses under the primary class. There is no priority between or among subsidiary classes.

The word “Forbidden” in this column means that the dangerous goods must not be transported. Schedule 3 includes dangerous goods that are forbidden for transport but that do not have a UN number. *A person may apply for a Permit for Equivalent Level of Safety to transport these dangerous goods (see Part 14 (Permit for Equivalent Level of Safety))*

**Col. 4 Packing Group/Category.** This column gives the packing group or category for the dangerous goods.

*All dangerous goods included in Class 1, Explosives, are assigned to packing group II. Dangerous goods included in Class 2, Gases, and Class 7, Radioactive Materials, do not have packing groups. Dangerous goods included in Class 6.2, Infectious Substances, are assigned to category A or B rather than to packing groups.*

**Col. 5 Special Provisions.** This column gives the numbers of the special provisions that apply to the dangerous goods. The special provisions are set out in Schedule 2.

**Col. 6 (a) Explosive Limit and Limited Quantity Index.** This column gives the maximum quantity of dangerous goods that may be handled, offered for transport or transported either in accordance with section 1.17 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) in the case of dangerous goods included in any of Classes 2 to 9, or in accordance with section 1.31 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) in the case of dangerous goods included in Class 1, Explosives.

*Section 1.17 applies to dangerous goods included in Classes 2 to 9. Section 1.17 may also apply to ammunition included in Class 1.4S and assigned to UN0012, UN0014 or UN0055.*

*Section 1.31 applies to dangerous goods included in Class 1.*

*Ammunition included in Class 1.4S and assigned to UN0012, UN0014 or UN0055 may be offered for transport with the Limited Quantity marking under special provision 125 of Schedule 2.*

**Col. 6 (b) Excepted Quantity Index.** This column provides an alphanumeric code, set out in the table to subsection 1.17.1(2) of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases), that indicates the maximum quantity of dangerous goods that may be handled, offered for transport or transported in accordance with section 1.17.1 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) in the case of dangerous goods included in any of Classes 2 to 9.

**Col. 7 ERAP Index.** This column gives the ERAP (emergency response assistance plan) quantity limit above which an approved ERAP is required for the dangerous goods in accordance with section 7.1 of Part 7 (Emergency Response Assistance Plan).

The quantity limit is expressed in kilograms for solids, in litres for liquids, and, for gases, as the capacity in litres of the means of containment. For Class 1, Explosives, the quantity is expressed either in kilograms of net explosives quantity or, if the explosives are subject to special provision 85 or 86, number of articles.

For dangerous goods included in Class 3, Flammable Liquids, with the UN number UN1170, UN1202, UN1203, UN1267, UN1268, UN1863, UN1987, UN1993, UN3295, UN3475 or UN3494, see subsection 7.1(6) of Part 7 (Emergency Response Assistance Plan), which sets out the ERAP requirements for those dangerous goods. For Class 6.2, Infectious Substances, see subsection 7.1(7) of Part 7 (Emergency Response Assistance Plan), which sets out the ERAP requirements for certain infectious substances.

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The ERAP quantity limit applies to the row in this Schedule on which it appears. For example, UN1986 may require an ERAP for Packing Group I but not for Packing Group II or III.

If no index number is shown, an ERAP is not required unless the dangerous goods are subject to special provision 84 or 150 (see subsections 7.1(6) and (7) of Part 7 (Emergency Response Assistance Plan)).

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*In column 7 of the schedule, “SP” means “special provision”.*

**Col. 8 Passenger Carrying Ship Index.** This column gives the maximum quantity of dangerous goods that may be transported, per means of containment, on board a passenger carrying ship (see section 1.6 of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases)). The quantity limit is expressed in kilograms for solids, in litres for liquids, and, for gases, as the capacity in litres of the means of containment. For Class 1, Explosives, the quantity is expressed either in kilograms of net explosives quantity or, if the explosives are subject to special provision 85 or 86, in number of articles. There may be special stowage requirements or restrictions for some of these dangerous goods, and the consignor should contact the marine carrier for more information.

The word “Forbidden” in this column means that the dangerous goods must not be transported in any quantity on board a passenger carrying ship. *A person may apply for a Permit for Equivalent Level of Safety to transport these dangerous goods (see Part 14 (Permit for Equivalent Level of Safety)).*

If no index number is shown, there is no quantity limit.

**Col. 9 Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index.** This column gives the maximum quantity of dangerous goods that may be transported, per means of containment, on board a passenger carrying road vehicle or a passenger carrying railway vehicle (see section 1.6 of Part 1, (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases)). The quantity limit is expressed in kilograms for solids, in litres for liquids, and, for gases, as the capacity in litres of the means of containment. For Class 1, Explosives, the quantity is expressed either in kilograms of net explosives quantity or, if the explosives are subject to special provision 85 or 86, in number of articles.

The word “Forbidden” in this column means that the dangerous goods must not be transported in any quantity on board a passenger carrying road vehicle or a passenger carrying railway vehicle. *A person may apply for a permit for Equivalent Level of Safety to transport these dangerous goods (see Part 14 (Permit for Equivalent Level of Safety)).*

If no index number is shown, there is no quantity limit.

## HOW TO USE SCHEDULE 1

### Important Principles

There are two important principles to follow:

1. The data in each row must be used exactly as it is presented to meet, for example, the requirements for completing a shipping document.
2. When one row has more than one sub-row in columns 4 to 9 (e.g., there is more than one packing group), the data used for that UN number must be taken entirely from the same row and the same sub-row.

This explanation describes how to use this Schedule. If a UN number is not known, one must refer to Schedule 3 to select the most appropriate UN number for the substance. In some cases, one UN number is used for several different products (generic entries or N.O.S.).

Four entries are used in the following three examples to illustrate four separate but similar ways of presenting data. The first example is described in detail. The entries are: UN1660, UN1664 and UN3446, and UN2024.

#### Example 1 : UN1660

**Col. 1/Col. 2** UN1660 is the UN number (see column 1) for the shipping name NITRIC OXIDE, COMPRESSED (see column 2). Note that subparagraph 1.3(2)(d)(iii) of Part 1 (Coming into Force, Repeal, Interpretation, General Provisions and Special Cases) allows shipping names in English to be written in a different order from the order in Schedule 1, as long as the full shipping name is used and the word order is a commonly used one. For example, this substance may be referred to in English as either NITRIC OXIDE, COMPRESSED, or COMPRESSED NITRIC OXIDE.

**Col. 3** The primary class is Class 2.3 and the two subsidiary classes are Class 5.1 and Class 8 (see column 3). Please note that no priority is to be assumed between or among subsidiary classes.

**Col. 4** There is no packing group, which is true for all gases (see column 4).

**Col. 5** There are two special provisions that apply (see column 5). They are Special Provisions 23 and 38, the text of which is in Schedule 2.

**Col. 6 (a)** NITRIC OXIDE, COMPRESSED, cannot be transported as a limited quantity because a “0” is set out for this substance in column 6 (a).

**Col. 6 (b)** NITRIC OXIDE, COMPRESSED, cannot be transported as an excepted quantity because the code “E0” is set out for this substance in column 6 (b).

**Col. 7** NITRIC OXIDE, COMPRESSED, in a means of containment whose capacity exceeds 25 L requires an emergency response assistance plan because a “25” is set out for this substance in column 7.

**Col.8/Col.9** NITRIC OXIDE, COMPRESSED, is forbidden for transport on a passenger carrying ship, a passenger carrying road vehicle or a passenger carrying railway vehicle, because the word “Forbidden” is set out for that substance in columns 8 and 9.

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	Packing Group/ Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1660 SOR/2016-95	NITRIC OXIDE, COMPRESSED	2.3 (5.1) (8)		23, 38	0	E0	25	Forbidden	Forbidden

**Example 2 : UN1664 and UN3446**

These dangerous goods can be transported under two different UN numbers: UN1664, NITROTOLUENES, LIQUID, for the liquid form of the substance and UN3446, NITROTOLUENES, SOLID, for the solid form of the substance. Once the correct UN number is chosen, i.e., the UN number for the liquid or the UN number for the solid, the information is read in the same fashion as Example 1, UN1660, NITRIC OXIDE, COMPRESSED.

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	Packing Group/Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN1664	NITROTOLUENES, LIQUID	6.1	II		0.1 L	E4			5 L
UN3446	NITROTOLUENES, SOLID	6.1	II		0.5 kg	E4			25 kg

**Example 3 : UN2024**

This UN number appears only once for the shipping name MERCURY COMPOUND, LIQUID, N.O.S., but the entry contains three different sets of data, one for each of the three packing groups. The abbreviation N.O.S. means "Not Otherwise Specified".

The UN number, shipping name and class are the same for each packing group. However, the remaining data are taken from the applicable packing group sub-row in columns 4 to 9, and are read in the same fashion as Example 1, UN1660, NITRIC OXIDE, COMPRESSED.

Note that all the data used to complete a shipping document, for example, must be from the same row (columns 1 to 3) and the same sub-row (columns 4 to 9).

Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6		Col. 7	Col. 8	Col. 9
UN Number	Shipping Name and Description	Class	Packing Group/Category	Special Provisions	6(a)	6(b)	ERAP Index	Passenger-Carrying Ship Index	Passenger-Carrying Road Vehicle or Passenger-Carrying Railway Vehicle Index
					Explosive Limit and Limited Quantity Index	Excepted Quantities			
UN2024	MERCURY COMPOUND, LIQUID, N.O.S., excluding mercurous chloride and cinnabar	6.1	I	16	0	E5	1 000		1 L
			II	16	0.1 L	E4			5 L
			III	16	5 L	E1			60 L