

**WELLINGTON, NEW ZEALAND**

**PURSUANT** to sections 152 and 156 of the Land Transport Act 1998


**I, Steven Joyce**, Minister of Transport,

**HEREBY** make the following ordinary rule:

Land Transport Rule: Dangerous Goods Amendment

SIGNED AT Wellington

This *18<sup>th</sup>* day of *February* 2010

  
Steven Joyce  
Minister of Transport

**Land Transport Rule**  
**Dangerous Goods Amendment 2010**  
**Rule 45001/2**

ISSN 1173-1559

Published by:

NZ Transport Agency  
Private Bag 6995  
Wellington 6141  
New Zealand

Email: [info@nzta.govt.nz](mailto:info@nzta.govt.nz)

Freephone: 0800 699 000



Printed and distributed by:

Wickliffe Limited

PO Box 932, Dunedin, New Zealand

# **Land Transport Rule**

## **Dangerous Goods Amendment 2010**

### **Rule 45001/2**



# Contents

Objective of the Rule	vii	
Extent of consultation	viii	
Material incorporated by reference	viii	
<b>Part 1</b>	<b>Rule requirements</b>	<b>1</b>
<b>Section 1</b>	<b>Application</b>	<b>1</b>
1.1	Title	1
1.2	Date when Rule comes into force	1
<b>Section 2</b>	<b>Amendment of Rule requirements</b>	<b>1</b>
2.1	New Zealand Standard 5433:2007	1
2.2	Clause 1.5 Interpretation of Rule provisions	2
2.3	Clause 2.1 Dangerous goods not transported for hire or reward	2
2.4	Clause 2.2 Dangerous goods transported for hire or reward	2
2.5	Clause 2.3 Dangerous Goods in Limited Quantities and Consumer Commodities	2
2.6	Clause 2.4 Small Packages of dangerous goods	6
2.7	Clause 2.5 Small Packages of explosives	6
2.8	Clause 2.9 Excepted quantities and excepted packages	6
2.9	Clause 3.2 Requirements relating to the nature and quantity of goods	10
2.10	Clause 3.3 Dangerous goods transported for domestic or recreational purposes	12
2.11	Clause 4.1 Labelling and marking: general safety requirements	12
2.12	Clause 4.2 Labelling according to the nature and quantity of goods	13
2.13	Clause 4.3 Marking according to the nature and quantity of goods	13
2.14	Clause 4.4 Marking or labelling dangerous goods transported for domestic or recreational purposes or for use as tools-of-trade	16
2.15	Clause 5.2 Types of documentation	16
2.16	Clause 5.3 Documents not required	16
2.17	Clause 6.2 Segregation according to the nature, quantity and use of goods	17

2.18	Clause 6.3 Segregation by class or division	17
2.19	Clause 6.4 Use of segregation devices	17
2.20	Clause 6.5 Additional requirements for large quantities of Class 3 dangerous goods	18
2.21	Clause 7.1 Placarding: general safety requirements	19
2.22	Clause 7.2 Placarding according to the nature and quantity of goods	20
2.23	Clause 7.3 Placement of placards	22
2.24	Clause 7.4 Requirements for dangerous goods transported for domestic or recreational purposes, for use as tools-of-trade, for agricultural use or for a commercial purpose	24
2.25	Clause 8.4 Certain vehicles to stop at railway level crossings	25
2.26	Clause 9.2 Driver training	26
2.27	Clause 10.1 Responsibilities for general safety requirements	27
2.28	Clause 10.4 Responsibilities of the driver of a road vehicle	27
2.29	Clause 10.7 Responsibilities of the supervisor	28
<b>Section 3</b>	<b>Amendments to Part 2, Definitions</b>	<b>29</b>
3.1	Insertion of definitions	29
3.2	Substitution of definitions	32
3.3	Amendments to definitions	32
3.4	Amendments to Table A	33
<b>Section 4</b>	<b>Amendments to Part 3, Schedules</b>	<b>35</b>
4.1	Amendments to Schedule 1	35
4.2	Substitution of Schedule 2	39
4.3	Revocation of Schedule 2A	39
4.4	Insertion of new Schedule 4	39
<b>Part 2</b>	<b>Schedules</b>	<b>40</b>
Schedule 1	New Schedule 2	40
Schedule 2	New Schedule 4	61

## Objective of the Rule

**Land Transport Rule: Dangerous Goods Amendment 2010** amends *Land Transport Rule: Dangerous Goods 2005* (the Dangerous Goods Rule), which sets out requirements for the safe transport of dangerous goods on land in New Zealand. The Dangerous Goods Rule covers the packaging, identification and documentation of dangerous goods, the segregation of incompatible goods, transport procedures and the training and responsibilities of those involved in the transport of dangerous goods.

The objective of the amendment Rule is to ensure that the risk to land transport safety from the transporting of dangerous goods within New Zealand continues to be effectively managed by maintaining alignment with international recommendations and local requirements relating to hazardous substances.

In seeking to meet its objective, the amendment Rule:

- takes account of the inclusion in the *United Nations Recommendations for the Transport of Dangerous Goods – Model Regulations* (UNRTDG) of provisions for substances that are toxic to the aquatic environment, resulting from the United Nations decision to promote a sustainable environment;
- ensures that the Dangerous Goods Rule is consistent with current requirements in the UNRTDG and the New Zealand *Hazardous Substances and New Organisms Act 1996*;
- includes provision for dangerous goods in excepted quantities as introduced in the 15<sup>th</sup> revised edition of the UNRTDG;
- clarifies or modifies existing provisions in the Dangerous Goods Rule for the purpose of aiding compliance.

## **Extent of consultation**

Formal consultation on the draft amendment Rule began in February 2009 when the NZ Transport Agency released the public consultation (yellow) draft of the Rule for comment. The NZ Transport Agency sent a letter or emailed advice about the availability of the yellow draft to about 690 groups and individuals who had registered their interest in the Dangerous Goods Rule. The availability of the draft amendment Rule was publicised in the metropolitan daily newspapers in Auckland, Hamilton, Wellington, Christchurch and Dunedin, and in the *New Zealand Gazette*.

The NZ Transport Agency received 19 submissions on the draft amendment Rule. The submissions were taken into account in redrafting the amendment Rule before it was submitted to Cabinet, and then signed by the Minister of Transport.

## **Material incorporated by reference**

Documents that are ‘incorporated by reference’ in the Dangerous Goods Rule are available, on request, for inspection (free of charge) at the National Office of the NZ Transport Agency. Contact details for the NZ Transport Agency are listed at the front of the amendment Rule.



**Part 1 Rule requirements****Section 1 Application**

---

**1.1 Title**

- 1.1(1) This Rule is *Land Transport Rule: Dangerous Goods Amendment 2010*.
- 1.1(2) This Rule amends *Land Transport Rule: Dangerous Goods 2005*.

**1.2 Date when Rule comes into force**

This Rule comes into force on 1 April 2010.

**Section 2 Amendment of Rule requirements**

---

**2.1 NZ Standard 5433:2007**

The Rule is amended by substituting “*New Zealand Standard 5433:2007*” for “*New Zealand Standard 5433:1999*” in:

- (a) 1.4(2)(a);
- (b) 2.3(1)(a)(ii);
- (c) 3.2(1)(a)(i);
- (d) 3.2(5)(a)(i);
- (e) 4.2(2)(a);
- (f) 6.4(1)(a);
- (g) 6.4(4)(a);
- (h) 6.4(5)(b)(i);
- (i) the definitions of ‘class’, ‘Dangerous Goods in Limited Quantities (DGLQ or LTD QTY)’, ‘proper shipping name’, ‘special provisions’ and ‘UN Number’;
- (j) the note to the definition of ‘hazchem action code’;
- (k) the last row of *Table A*.

## **2.2 Clause 1.5 Interpretation of Rule provisions**

2.2(1) *Subclause 1.5(2)* is amended by substituting “N.O.S.” for “NOS”.

2.2(2) *Paragraph 1.5(2)(b)* is amended by inserting “until 31 December 2010” before “may be marked”.

## **2.3 Clause 2.1 Dangerous goods not transported for hire or reward**

2.3(1) *Subclause 2.1(1)* is amended by substituting the following for *subparagraph (a)(iii)*:

“(iii) be labelled and marked as required by 4.4 and display placards and special marks as required by 7.4; and”.

2.3(2) *Subclause 2.1(2)* is amended by substituting the following for *subparagraph (a)(iii)*:

“(iii) be labelled and marked as required by 4.4 and display placards and special marks as required by 7.4; and”.

## **2.4 Clause 2.2 Dangerous goods transported for hire or reward**

2.4(1) *Clause 2.2* is amended by inserting the following paragraph and note after *paragraph (c)*:

“(ca) the requirements for dangerous goods in excepted quantities or excepted packages of radioactive material in 2.9; or

“[Note: See definitions of ‘dangerous goods in excepted quantities’ and ‘excepted packages of radioactive material’ in *Part 2, Definitions.*]”

2.4(2) *Subparagraph 2.2(d)(i)* is amended by substituting “2.2(ca)” for “2.2(c)”.

## **2.5 Clause 2.3 Dangerous Goods in Limited Quantities and Consumer Commodities**

2.5(1) *Subclause 2.3(1)* is amended by:

- (a) deleting “, if the total weight of the dangerous goods and their packaging on a

vehicle or vehicle combination does not exceed 1000 kg” in the opening paragraph; and

(b) deleting “, excluding items listed in *Schedule 2A*” in *subparagraph (a)(i)*; and

(c) substituting the following for *paragraphs (f)* and *(g)*:

“(f) Dangerous Goods in Limited Quantities must be identified in accordance with *4.1* with one of the following:

“(i) the UN Number of all the dangerous goods in the package, in characters at least 6 mm high, marked within a diamond with a line width of at least 2 mm; or

“(ii) the black and white diamond-shaped Dangerous Goods in Limited Quantities mark specified in *Part 2* of this Rule or in any of the documents in *2.3(1)(a)(ii)* to *(vi)*; or

“(iii) until 31 December 2011, in a way described in *2.3(4)(a)*.

“[Note: See definition of ‘Dangerous Goods in Limited Quantities mark’ in *Part 2, Definitions*.]

“(g) Consumer Commodities must be identified in accordance with *4.1* with one of the following:

“(i) the UN Number of all the dangerous goods in the package, in characters at least 6 mm high, marked within a diamond with a line width of at least 2 mm; or

“(ii) the black and white diamond-shaped Dangerous Goods in Limited Quantities mark specified in *Part 2* of this

Rule or in any of the documents in 2.3(1)(a)(ii) to (vi); or

“(iii) until 31 December 2011, in a way described in 2.3(4)(b).”

2.5(2)

*Clause 2.3* is amended by substituting the following for *subclause 2.3(3)*:

“2.3(3) Dangerous goods listed in *Schedule 2* must not be transported as Dangerous Goods in Limited Quantities or Consumer Commodities if:

“(a) ‘0’ is specified for the maximum quantity per inner packaging for dangerous goods listed according to class or division, and packing group if applicable, unless a quantity is specified for particular dangerous goods of that class or division, and packing group if applicable, in *Schedule 2* or one of the documents in 2.3(1)(a)(ii) to (vi); or

“(b) ‘0’ is specified for the maximum quantity per inner packaging for the particular dangerous goods.”

2.5(3)

*Clause 2.3* is amended by substituting the following for *subclause 2.3(4)*:

“2.3(4) Until 31 December 2011, to comply with 2.3(1)(f)(iii) or 2.3(1)(g)(iii):

“(a) Dangerous Goods in Limited Quantities must be marked or labelled, in accordance with 4.1, with one of the following:

“(i) the UN Number and proper shipping name of all the dangerous goods in the package; or

“(ii) the class and division, including subsidiary risks, of all the dangerous goods in the package and the words

‘Dangerous Goods in Limited Quantities’, the abbreviation ‘DGLQ’ or ‘LTD QTY’ or similar words or abbreviations, to clearly identify the package as containing Dangerous Goods in Limited Quantities;  
or

- “(iii) class labels, the UN Number and the proper shipping name (as if the Dangerous Goods in Limited Quantities were standard packages of dangerous goods).

“[Note: See definition of ‘proper shipping name’ in *Part 2, Definitions*.]

- “(b) Consumer Commodities must be marked or labelled, in accordance with *4.1*, with one of the following:

- “(i) the UN Number and proper shipping name of all the dangerous goods in the package; or
- “(ii) the class and division, including subsidiary risks, of all the dangerous goods in the package and the words ‘Consumer Commodities’ or the abbreviation ‘Con Coms’, or similar words or abbreviations, to clearly identify the package as containing Consumer Commodities;  
or
- “(iii) the common or technical name of all the dangerous goods in the package and the words ‘Consumer Commodities’ or the abbreviation ‘Con

Coms', or similar words or abbreviations, to clearly identify the package as containing Consumer Commodities; or

- “(iv) class labels, the UN Number and the proper shipping name (as if the Consumer Commodities were standard packages of dangerous goods).”

## 2.6 **Clause 2.4 Small Packages of dangerous goods**

*Subclause 2.4(1)* is amended by substituting the following for *paragraph (b)*:

- “(b) the packaging must comply with 3.1 and with the requirements of the relevant regulatory authority; and”.

## 2.7 **Clause 2.5 Small Packages of explosives**

*Clause 2.5* is revoked and the following clauses are substituted:

- “2.5(1) The following dangerous goods of Class 1 may be transported as Small Packages, in accordance with 2.4, if the weight of the dangerous goods in the primary container is 5 kg or less:
  - “(a) explosives listed in *Table 2.1*; and
  - “(b) explosives specified for that purpose by the relevant regulatory authority and transported in compliance with any additional requirements specified by that authority.
- “2.5(2) Any quantity of Christmas crackers (Bon Bons) packaged for retail sale (classified as UN 0337, FIREWORKS, Division 1.4S), may be transported as

Small Packages in accordance with 2.4, regardless of the quantity restrictions in 2.4(2), 2.4(3), 2.5(1) and 9.2(1)(c).”

## 2.8

### **Clause 2.9 Excepted quantities and excepted packages**

The following clause is inserted after *clause 2.8*:

**“2.9 Dangerous goods in excepted quantities and excepted packages of radioactive material**

“2.9(1) Dangerous goods in excepted quantities, other than articles, that are transported in accordance with the following requirements do not have to comply with any other requirements of this Rule:

“(a) the maximum quantity of dangerous goods in an inner packaging and in an outer packaging must not exceed the quantity specified in:

“(i) Part A of *Schedule 4*; or

“(ii) *New Zealand Standard 5433:2007, Transport of Dangerous Goods on Land*; or

“(iii) *United Nations Recommendations on the Transport of Dangerous Goods – Model Regulations*; or

“(iv) *International Maritime Dangerous Goods Code*; or

“(v) *Technical Instructions for Safe Transport of Dangerous Goods by Air* of the International Civil Aviation Organisation; or

“(vi) *Dangerous Goods Regulations* of the

International Air Transport Association; and

- “(b) when dangerous goods in excepted quantities with different quantity limits are packaged together, the quantity limit for the outer packaging is the lowest outer packaging quantity for any of the goods in the package; and
- “(c) the dangerous goods must be packed in three layers of packaging as follows:
  - “(i) leak-proof inner packagings made from plastic (which must have a minimum thickness of 0.2 mm when used for liquids), glass, porcelain, stoneware, earthenware or metal; and
  - “(ii) intermediate packagings that protect the inner packagings so that they cannot break under normal conditions of transport and that contain the contents of the inner packagings in the case of breakage and, for liquid dangerous goods, can absorb the entire contents of the inner packagings; and
  - “(iii) strong outer packagings; and
- “(d) packaging must comply with 3.1 and with:
  - “(i) the requirements of the relevant regulatory authority; or
  - “(ii) the tests, for packaging for dangerous goods in excepted quantities,



specified in Part B of  
*Schedule 4*; or

- “(iii) the tests, for packaging for dangerous goods in excepted quantities, in one of the documents in 2.9(1)(a)(ii) to (vi); and
- “(e) packages must be marked, in accordance with 4.1, with:
  - “(i) the excepted quantities mark as specified in Part C of *Schedule 4* or one of the documents in 2.9(1)(a)(ii) to (vi); and
  - “(ii) the class or division of all the dangerous goods in the package; and
  - “(iii) the name of the consignor or consignee; and
- “(f) if dangerous goods in excepted quantities are transported with a document such as a consignment note or packing slip, the document must include:
  - “(i) the words “Dangerous Goods in Excepted Quantities” or similar words; and
  - “(ii) the number of packages; and
- “(g) inner packages of dangerous goods that have to be segregated under 6.3 from other dangerous goods or food items must not be contained in the same outer packaging; and
- “(h) the number of packages of dangerous goods in excepted quantities on a vehicle or in a freight container must not exceed 1000; and

- “(i) the relevant requirements in *section 8* and *clause 9.1*, and the responsibilities in *section 10*, must be complied with.
- “2.9(2) Excepted packages of radioactive material that are transported in accordance with the following requirements do not have to comply with any other requirements of this Rule:
- “(a) excepted packages that meet the criteria for any other class of dangerous goods must comply with the requirements for that other class; and
  - “(b) packaging must comply with *3.1* and the requirements of the relevant regulatory authority; and
  - “(c) Class 7 labels must not be visible on UN 2908, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – EMPTY PACKAGING; and
  - “(d) excepted packages must be marked, in accordance with *4.1*, with:
    - “(i) the appropriate UN Number; and
    - “(ii) the name of the consignor or consignee; and
    - “(iii) the permissible gross mass of the package, if the gross mass of the package exceeds 50 kg; and
  - “(e) excepted packages must be transported with a document that includes the UN Number of all excepted packages in the consignment; and

- “(f) the relevant requirements in *section 8* and *9.1* and responsibilities in *section 10* must be complied with.

“[Note: See definition of ‘Excepted packages of radioactive material’ in *Part 2, Definitions.*]”

## **2.9 Clause 3.2 Requirements relating to the nature and quantity of goods**

- 2.9(1) *Subclause 3.2(1)* is amended by substituting “, *3.2(5)*, *3.2(6)* or *3.2(7)*” for “or *3.2(5)*”.
- 2.9(2) *Subclause 3.2(2)* is amended by substituting “, Consumer Commodities and Small Packages” for “and Consumer Commodities”.
- 2.9(3) *Subclause 3.2(3)* is amended by substituting the following for *paragraph (a)*:
  - “(a) dangerous goods of Class or Division 1, 2, 4.1, 5.2 and 7; and”.
- 2.9(4) *Clause 3.2* is amended by inserting the following subclauses:
  - “3.2(6) Packaging for dangerous goods in excepted quantities must comply with *3.1* and:
    - “(a) the requirements of the relevant regulatory authority; or
    - “(b) the tests for packages of dangerous goods in excepted quantities specified in Part B of *Schedule 4* or one of the documents in *2.9(1)(a)(ii)* to *(vi)*.
  - “3.2(7) Packaging for excepted packages of radioactive material must comply with *3.1* and the requirements of the relevant regulatory authority.
  - “3.2(8) Dangerous goods in packagings, Intermediate Bulk Containers or large packagings, except for dangerous goods that comply with *3.2(5)(c)*, must:
    - “(a) From 1 January 2011, be packaged in accordance with

the packing instructions in one of the following:

- “(i) *New Zealand Standard 5433:2007, Transport of Dangerous Goods on Land;*
  - “(ii) *United Nations Recommendations on the Transport of Dangerous Goods – Model Regulations;*
  - “(iii) *International Maritime Dangerous Goods Code;*
  - “(iv) *Technical Instructions for Safe Transport of Dangerous Goods by Air* of the International Civil Aviation Organisation;
  - “(v) *Dangerous Goods Regulations* of the International Air Transport Association; or
- “(b) comply with the requirements of the relevant regulatory authority.”

## 2.10

### **Clause 3.3 Dangerous goods transported for domestic or recreational purposes**

*Subclause 3.3(1)* is amended by substituting the following for *paragraph (a)*:

- “(a) if the quantity of dangerous goods of a single class or division, or the aggregate quantity of a mixed load, is within the limit in *Schedule 1*, comply with *3.1* and the requirements of the relevant regulatory authority;”.

## 2.11

### **Clause 4.1 Labelling and marking: general safety requirements**

*Clause 4.1* is amended by:

- (a) substituting the following for *subclause 4.1(7)*:
  - “4.1(7) Except as specified in 2.7, labels and markings that may be misleading as to the hazard the goods present must be removed or completely covered before the goods are transported.”;
- (b) substituting the following for *subclause 4.1(9)*:
  - “4.1(9) If all of the packages within a unit load device are labelled and marked in accordance with this Rule, but those labels and markings are not legible when the unit load is prepared for transport, markings need not be displayed on the outside of the unit load but the following must be displayed on the outside of the unit load:
    - “(a) the labels for each class and division (including subsidiary risks) for all the dangerous goods in the unit load; and
    - “(b) from 1 January 2011, the following special marks as required by this Rule:
      - “(i) the environmentally hazardous substance mark;
      - “(ii) orientation arrows.”

## 2.12

### **Clause 4.2 Labelling according to the nature and quantity of goods**

*Subclause 4.2(4)* is amended by:

- (a) substituting the following for *paragraph (c)*:
  - “(c) routine diagnostic specimens and low risk biological products that are

marked in accordance with 4.3(5)(b) or 4.3(5)(c); or”; and

- (b) substituting the following for *paragraph (e)*:
  - “(e) dangerous goods in excepted quantities or excepted packages of radioactive material.”

## **2.13 Clause 4.3 Marking according to the nature and quantity of goods**

2.13(1) *Subclause 4.3(1)* is amended by substituting “, 4.3(5), 4.3(7) or 4.3(8)” for “or 4.3(5)”.

2.13(2) *Subclause 4.3(5)* is amended:

- (a) by deleting the word “either”; and
- (b) by inserting the following paragraph:
  - “; or
  - “(c) be marked:
    - “(i) in accordance with 4.1; and
    - “(ii) with the UN Number (UN 3373) within a diamond-shaped border that is at least 50 mm measured along any side; and
    - “(iii) with the proper shipping name (BIOLOGICAL SUBSTANCE, CATEGORY B).”

2.13(3) *Subclause 4.3(6)* is amended by:

- (a) inserting “freight containers,” before “portable tanks”; and
- (b) inserting “, 7.2(13) and 7.2(14)” after “7.2(5)”.

2.13(4) *Clause 4.3* is amended by inserting the following subclauses:

- “4.3(7) Dangerous goods in excepted quantities must be identified as specified in 2.9(1)(e).

- “4.3(8) Excepted packages of radioactive material must be identified as specified in 2.9(2)(d).
- “4.3(9) Subject to 4.1(8) and except as specified in 4.3(10), a package or an Intermediate Bulk Container containing dangerous goods of Class 9 that are toxic to the aquatic environment (UN 3077 or UN 3082) must be marked with the environmentally hazardous substance mark from 1 January 2011.

“[Note: The environmentally hazardous substance mark is the same as the marine pollutant mark for maritime transport. The *International Maritime Dangerous Goods Code* may require this mark to be applied to packages of dangerous goods other than UN 3077 or UN 3082. Packages marked to comply with maritime requirements may also be transported on land, but it is not necessary to comply with maritime requirements for land transport.]

- “4.3(10) The following packagings do not have to be marked with the environmentally hazardous substance mark:
  - “(a) sole packagings that contain no more than 5 litres (liquids) or 5 kg (solids);
  - “(b) outer packaging with inner packagings that contain no more than 5 litres (liquids) or 5 kg (solids) per inner packaging.
- “4.3(11) Subject to 4.1(8) and except as provided in 4.3(12), the following must be marked with orientation arrows from 1 January 2011:
  - “(a) outer packaging that contains inner packages of liquid dangerous goods;
  - “(b) sole packagings fitted with vents;
  - “(c) cryogenic receptacles for transporting refrigerated, liquefied gases.
- “4.3(12) Orientation arrows are not required on packages containing:

- “(a) pressure receptacles, other than cryogenic receptacles;
  - “(b) dangerous goods in inner packagings of 120 ml or less that are prepared with sufficient absorbent material between the inner and outer packagings to completely absorb the liquid contents;
  - “(c) Division 6.2 infectious substances in primary receptacles of 50 ml or less;
  - “(d) Class 7 radioactive material in Type IP-2, IP-3, A, B(U), B(M) or C packages;
  - “(e) articles that are leak-tight in all orientations (eg, alcohol or mercury in thermometers, aerosols).
- “4.3(13) The design, colour, size and durability of special marks must comply with the specifications in any one of the following:
- “(a) *New Zealand Standard 5433:2007, Transport of Dangerous Goods on Land*; or
  - “(b) *United Nations Recommendations on the Transport of Dangerous Goods – Model Regulations*; or
  - “(c) *International Maritime Dangerous Goods Code*; or
  - “(d) *Technical Instructions for Safe Transport of Dangerous Goods by Air* of the International Civil Aviation Organisation; or
  - “(e) *Dangerous Goods Regulations of the International Air Transport Association*.

“[Note: See definition of ‘special mark’ in *Part 2, Definitions*.]”



**2.14** **Clause 4.4 Marking or labelling dangerous goods transported for domestic or recreational purposes or for use as tools-of-trade**

2.14(1) *Subclause 4.4(1)* is amended in *subparagraph (a)(i)* by inserting “, special marks if applicable,” after “proper shipping name”.

2.14(2) *Subclause 4.4(1)* is amended in *paragraph (a)* by substituting “(iv)” for “(iii)” and inserting the following subparagraph after *subparagraph (a)(ii)*:

“(iii) for dangerous goods in excepted quantities or excepted packages of radioactive material, in accordance with 2.9(1)(e) or 2.9(2)(d) respectively; or”.

**2.15** **Clause 5.2 Types of documentation**

2.15(1) *Subclause 5.2(2)* is amended by substituting the following for *subparagraph (b)(i)*:

“(i) the number and type of packages (eg, drums, boxes, gas cylinders, etc); and”.

2.15(2) *Subclause 5.2(2)* is amended in *paragraph (d)* by deleting “after 31 December 2005,”.

**2.16** **Clause 5.3 Documents not required**

*Subclause 5.3(1)* is amended by inserting the following paragraph:

“; or

“(e) as dangerous goods in excepted quantities or excepted packages of radioactive material in accordance with 2.9.”

**2.17** **Clause 6.2 Segregation according to the nature, quantity and use of goods**

*Clause 6.2* is amended by inserting the following paragraph:

“; and

- “(e) dangerous goods in excepted quantities, and excepted packages of radioactive material, that comply with 2.9 and are contained in separate outer packaging, may be transported without segregation from other dangerous goods or from food items.”

## 2.18

### **Clause 6.3 Segregation by class or division**

*Subclause 6.3(1)* is amended by substituting the following for *paragraph (d)*:

- “(d) dangerous goods of the classes and divisions listed in *Column A* may be loaded in the same freight container or on the same vehicle as dangerous goods or food items listed in the same row in *Column D* if:
- “(i) the dangerous goods or food items are loaded so that all but one class or division of incompatible dangerous goods or food items are packed in separate segregation devices, unless 6.3(1)(c)(i) or (ii) applies; and
  - “(ii) segregation devices comply with 6.4(1), 6.4(4) or 6.4(5), as appropriate for the class or division; and
  - “(iii) 6.4(3) is complied with.”

## 2.19

### **Clause 6.4 Use of segregation devices**

*Subclause 6.4(3)* is amended by substituting the following for *paragraph (a)*:

- “(a) dangerous goods of Packing Group I must not be loaded in the same freight container or on the same vehicle with incompatible dangerous goods or food items regardless of

whether or not a segregation device is used, unless 6.3(1)(c)(i) or (ii) applies; and”.

## 2.20

### **Clause 6.5 Additional requirements for large quantities of Class 3 dangerous goods**

Clause 6.5 is revoked and the following clause is substituted:

#### **“6.5 Additional requirement for large quantities of Division 2.1 or Class 3 dangerous goods**

“6.5(1) Except as specified in 6.2(b), 6.2(e) and 6.5(2), dangerous goods of:

“(a) Division 2.1 in undivided quantities of more than 3000 litres must not be transported:

“(i) on the same road vehicle or vehicle combination as dangerous goods of Division 2.3 or dangerous goods of a different class; and

“(ii) by rail, unless separated horizontally by at least 12 m and on a different rail vehicle from dangerous goods of Class or Division 1, 2.3, 3, 4, 5 or 7;

“(b) Class 3 in undivided quantities of more than 3000 litres must not be transported:

“(i) on the same road vehicle or vehicle combination as dangerous goods of a different class; and

“(ii) by rail, unless separated horizontally by at least 12 m and on a different rail vehicle from dangerous goods of Class

or Division 1, 2.1, 2.3, 4.2,  
4.3, 5 or 7.

“6.5(2) Despite 6.5(1)(b), dangerous goods of Class 3 in undivided quantities of more than 3000 litres may be transported on the same vehicle or vehicle combination as diesel classified as UN 3082,  
ENVIRONMENTALLY  
HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S.”

## 2.21 **Clause 7.1 Placarding: general safety requirements**

2.21(1) *Subclause 7.1(1)* is amended by inserting “and special marks” after “placards”.

2.21(2) *Subclause 7.1(2)* is amended by inserting “or a special mark” after “placard”.

2.21(3) *Subclause 7.1(3)* is amended by:

(a) inserting “or a special mark” after “placard” where it first appears; and

(b) substituting the following for *paragraph (a)*:

“(a) be either:

“(i) at least 250 mm measured along any edge, except as required for placards in 7.2(6)(b); or

“(ii) if the design of the vehicle or the load does not allow a placard or a special mark to comply with the dimensions specified in 7.1(3)(a)(i) or 7.2(6)(b), as large as practicable; and”.

2.21(4) *Subclause 7.1(4)* is amended by:

(a) substituting “placards and special marks” for “placards” where it appears in

*paragraphs (a) and (b) and subparagraph (c)(i); and*

- (b) inserting “or 7.2(8)(b)” after “7.1(4)(c)” in *paragraph (b)*.

**2.22 Clause 7.2 Placarding according to the nature and quantity of the dangerous goods**

- 2.22(1) *Subclause 7.2(1)* is amended by inserting “and special marks” after “Placards”.
- 2.22(2) *Subclause 7.2(2)* is amended by substituting the following for *paragraph (d)*:  
 “(d) Class 7, except for excepted packages of radioactive material transported in accordance with 2.9(2).”
- 2.22(3) *Subclause 7.2(3)* is amended by inserting “class” after “display”.
- 2.22(4) *Subclause 7.2(4)* is amended by inserting “class” after “display”.
- 2.22(5) *Subclause 7.2(5)* is amended by:  
 (a) substituting “, 7.2(8), 7.2(11) or 7.2(12)” for “or 7.2(8)”; and  
 (b) inserting the following after *paragraph (d)*:  
 “; and  
 “(e) display special marks in accordance with 7.2(13) and 7.2(14).”
- 2.22(6) *Subclause 7.2(6)* is amended by:  
 (a) inserting “and special marks” after “placards” where it first appears; and  
 (b) inserting the following paragraph and note after *paragraph (b)*:  
 “; and  
 “(c) 250 mm, for special marks.

“[Note: The term ‘placard’ includes ‘class placard’ and ‘emergency information panel’, but not special marks. See *Part 2, Definitions.*.]”

- 2.22(7) *Clause 7.2* is amended by substituting the following for *subclause 7.2(8)*:

- “7.2(8) A bitumen tankwagon or spray-wagon:
- “(a) that carries dangerous goods that are UN 3256, Hot Cutback Bitumen, Class 3 and UN 3257, Hot Bitumen, Class 9:
    - “(i) need only display placards and other information specified in 7.2(5)(a), (b), (c) and (e) for UN 3256, Hot Cutback Bitumen, Class 3; and
    - “(ii) does not have to comply with 7.2(5)(d);
  - “(b) that carries bitumen emulsions:
    - “(i) may have placards and other information specified in 7.2(5)(a), (b), (c) and (e) removed or covered; and
    - “(ii) if placards and other information is removed or covered in accordance with 7.2(8)(b)(i), must display a sign that states “BITUMEN EMULSIONS contain spillage” or similar words, and that complies with 7.1(3)(b) to (f);
  - “(c) does not have to be cleaned between loads of different bitumen products.”

2.22(8)

*Clause 7.2* is amended by inserting the following subclauses:

- “7.2(11) A tankwagon that carries UN 1075, LIQUEFIED PETROLEUM GASES and also carries UN 1011, BUTANE or UN 1978, PROPANE in separate loads or in separate compartments need only display placards and other information

specified in 7.2(5) for UN 1075,  
LIQUEFIED PETROLEUM GASES.

- “7.2(12) A tankwagon that carries low flash point diesel (UN 1202, Class 3) and also carries high flash point diesel (UN 3082, Class 9) in separate loads or in separate compartments need only display placards and other information specified in 7.2(5) for UN 1202, GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT, Class 3.
- “7.2(13) Tankwagons, except those specified in 7.2(7) or 7.2(12), other vehicles designed for bulk quantities of dangerous goods, freight containers, portable tanks and containers for bulk quantities of dangerous goods, other than Intermediate Bulk Containers, containing dangerous goods of Class 9 that are toxic to the aquatic environment (UN 3077 or UN 3082) must be marked with the environmentally hazardous substance mark from 1 January 2011.

“[Note: The environmentally hazardous substance mark is the same as the marine pollutant mark for maritime transport. The *International Maritime Dangerous Goods Code* may require this mark to be applied to cargo transport units (road vehicles, rail vehicles, freight containers, and portable tanks) containing dangerous goods other than UN 3077 or UN 3082. Cargo transport units marked to comply with maritime requirements may also be transported on land, but it is not necessary to comply with maritime requirements for land transport.]

- “7.2(14) Tankwagons, other vehicles designed for bulk quantities of dangerous goods, freight containers, portable tanks and containers for bulk quantities of dangerous goods, other than Intermediate Bulk Containers, containing a substance in a liquid state at a temperature of 100°C or more, or in a solid state at a temperature of 240°C or more must be marked with the elevated temperature mark from 1 January 2011.”

**2.23****Clause 7.3 Placement of placards**

Clause 7.3 is revoked and the following clause is substituted:

- “7.3(1) For road transport, placards, special marks and other relevant information specified in 7.2(5) must be affixed to a vehicle or vehicle combination transporting dangerous goods, as follows:
- “(a) for a single vehicle, class placards at the front and at the rear;
  - “(b) when any vehicle in a vehicle combination is transporting dangerous goods, class placards at the front and the rear of the vehicle combination;
  - “(c) for a tankwagon or other vehicle designed for bulk quantities of dangerous goods:
    - “(i) the class placards specified in 7.2(2) or 7.2(4), either at the front of the vehicle or, if the tankwagon or other vehicle designed for bulk quantities of dangerous goods is part of a vehicle combination, at the front of the vehicle combination; and
    - “(ii) the class placards, emergency information panels, special marks and other relevant information specified in 7.2(5), at the rear and on both sides.
- “7.3(2) A rail vehicle that contains dangerous goods must display placards, special marks and other information as follows:



- “(a) for rail tankwagons, other rail vehicles designed for bulk quantities of dangerous goods, portable tanks and containers for bulk quantities of dangerous goods, other than Intermediate Bulk Containers, placards, special marks and other relevant information specified in 7.2(5) must be displayed on each side, on a substantially vertical surface on the tank or container, or on a suitable frame; and
  - “(b) for rail container wagons, class placards and, if required by 7.2(13) or 7.2(14), special marks must be displayed on each side, unless the freight container is placarded on the sides with the relevant class placards and special marks; and
  - “(c) for other rail vehicles, class placards must be displayed on each side, either on the door or other prominent position on a rail vehicle without a door.
- “7.3(3) Portable tanks and containers for bulk quantities of dangerous goods, other than Intermediate Bulk Containers, must have class placards, emergency information panels, special marks and other relevant information specified in 7.2(5) affixed to two opposite sides or to the front and rear.
- “7.3(4) A freight container must have class placards and, if required by 7.2(13) or 7.2(14), special marks affixed either to both sides or to the front and rear, unless the freight container is loaded on a vehicle that is placarded and marked in accordance with this section.
- “7.3(5) Placards do not have to be affixed to the rear of a vehicle if the load of dangerous goods displays placards that

comply with this Rule and are clearly visible from behind the vehicle.”

## 2.24

### **Clause 7.4 Requirements for dangerous goods transported for domestic or recreational purposes, for use as tools-of-trade, for agricultural use or for a commercial purpose**

*Clause 7.4* is revoked and the following clause is substituted:

- “7.4(1) Except as provided in 7.4(2), a vehicle or vehicle combination does not have to display placards or special marks if it is transporting dangerous goods for:
- “(a) domestic or recreational purposes, but not for hire or direct reward; or
  - “(b) use as tools-of-trade, for agricultural use or for a commercial purpose, but not for hire or direct reward, and the quantity of dangerous goods of any single class or division, or the aggregate quantity of a mixed load, is within the limit in *Schedule 1*.
- “7.4(2) Despite 7.4(1), placards, special marks and other relevant information in 7.2(5) must be displayed, in accordance with 7.1, 7.2 and 7.3, on:
- “(a) a tankwagon, other vehicle designed for bulk quantities of dangerous goods, a portable tank, or a container for bulk quantities of dangerous goods other than an Intermediate Bulk Container; and
  - “(b) a vehicle or vehicle combination transporting dangerous goods for use as tools-of-trade, for agricultural use or for a commercial purpose, if the

quantity of dangerous goods of a single class or division, or the aggregate quantity of a mixed load, exceeds the limit in *Schedule 1*.”

## 2.25 **Clause 8.4 Certain vehicles to stop at railway level crossings**

*Clause 8.4* is amended by substituting the following for *subclause 8.4(2)*:

“8.4(2) *Subclause 8.4(1)* does not apply if:

“(a) the approach to a level crossing is controlled by:

“(i) traffic signals; or

“(ii) a warning device in the form of barrier arms; or

“(iii) a police officer; or

“(iv) a railway-crossing keeper; or

“(b) the road controlling authority has installed an ‘Exempt’ sign in advance of the level crossing in accordance with *Land Transport Rule: Traffic Control Devices 2004*.”

## 2.26 **Clause 9.2 Driver training**

*Clause 9.2* is amended by substituting the following for *subclause 9.2(1)*:

“9.2(1) A person who drives a vehicle or vehicle combination that is transporting dangerous goods must hold a current dangerous goods endorsement on their driver licence, except if the dangerous goods are:

“(a) being transported for domestic or recreational purposes, and are not being transported for hire or direct reward; or

- “(b) being transported for use as tools-of-trade, for agricultural use or for a commercial purpose, but are not being transported for hire or direct reward, and either:
  - “(i) the quantity of dangerous goods of a single class or division, or the aggregate quantity of a mixed load, is within the limit in *Schedule 1*; or
  - “(ii) the driver holds a test certificate in accordance with 9.2(2); or
- “(c) Small Packages of dangerous goods, that comply with the requirements in 2.4 or 2.5, and the aggregate quantity of the dangerous goods does not exceed 50 litres, or 50 kg including the weight of the packaging; or
- “(d) routine diagnostic specimens or low risk biological products and comply with the requirements of 2.6; or
- “(e) dangerous goods in excepted quantities or excepted packages of radioactive material; or
- “(f) being transported under the direct supervision of a person in the vehicle who holds a current dangerous goods endorsement on their driver licence; or
- “(g) Class 9 dangerous goods that are toxic to the aquatic environment (UN 3077 or UN 3082).”

## 2.27

### Clause 10.1 Responsibilities for general safety requirements

#### 2.27(1)

*Subclause 10.1(2)* is amended by substituting “10.7” for “10.6”.

2.27(2) *Subclause 10.1(3)* is amended in *paragraph (a)* by substituting “, low risk biological products, dangerous goods in excepted quantities and excepted packages of radioactive material” for “and low risk biological products”.

**2.28** **Clause 10.4 Responsibilities of the driver or operator of a road vehicle**

*Clause 10.4* is amended by inserting the following paragraph:

“(da) if 9.2(1)(f) applies, the supervisor holds a current dangerous goods endorsement on their driver licence; and”.

**2.29** **Clause 10.7 Responsibilities of the supervisor**

The following clause is inserted after *clause 10.6*:

**“10.7 Responsibilities of the supervisor**

“Any person who supervises, or purports to supervise, a driver under 9.2(1)(f) must:

“(a) hold a current dangerous goods endorsement; and

“(b) ensure the driver complies with the responsibilities in 10.4.”

## Section 3                      Amendments to Part 2, Definitions

---

### 3.1                              Insertion of definitions

*Part 2* is amended by inserting the following definitions in the appropriate places:

**“Dangerous goods in excepted quantities** means dangerous goods packaged so that the maximum quantity in individual inner packaging complies with the limits specified for excepted quantities according to the class and division and packing group, or as specified for a particular entry in the list of dangerous goods in any of the following:

- (a) *Schedule 4*; or
- (b) *New Zealand Standard 5433:2007, Transport of Dangerous Goods on Land*; or
- (c) *United Nations Recommendations on the Transport of Dangerous Goods – Model Regulations*; or
- (d) *International Maritime Dangerous Goods Code*; or
- (e) *Technical Instructions for Safe Transport of Dangerous Goods by Air* of the International Civil Aviation Organisation; or
- (f) *Dangerous Goods Regulations* of the International Air Transport Association.”

**“Dangerous Goods in Limited Quantities mark** means a diamond-shaped mark meeting the following criteria:

- (a) the top and bottom corners of the mark and the line forming the diamond must be black and the centre area must be white or a contrasting background colour;
- (b) the line forming the diamond must be a minimum width of 2 mm;
- (c) the diamond must have minimum dimensions of 100 mm x 100 mm except if the size of the package requires a smaller mark, in which case it may be

reduced to 50 mm x 50 mm provided it remains clearly visible.”

**“Elevated temperature mark** means the mark for transport of substances at high temperature, which is symbolised by a red thermometer in a red, triangle-shaped border, as specified in any of the following:

- (a) *New Zealand Standard 5433:2007, Transport of Dangerous Goods on Land;* or
- (b) *United Nations Recommendations on the Transport of Dangerous Goods – Model Regulations;* or
- (c) *International Maritime Dangerous Goods Code.”*

**“Environmentally hazardous substance mark** means the ‘environmentally hazardous substance mark’ or the ‘marine pollutant mark’ specified in any of the following:

- (a) *New Zealand Standard 5433:2007, Transport of Dangerous Goods on Land;* or
- (b) *United Nations Recommendations on the Transport of Dangerous Goods – Model Regulations;* or
- (c) *International Maritime Dangerous Goods Code;* or
- (d) *Technical Instructions for Safe Transport of Dangerous Goods by Air* of the International Civil Aviation Organisation; or
- (e) *Dangerous Goods Regulations* of the International Air Transport Association.”

**“Excepted packages of radioactive material:**

- (a) means empty packagings that have contained radioactive material or packages that contain radioactive material in limited quantities, instruments or manufactured articles as specified:
  - (i) in the *Regulations for Safe Transport of Radioactive Material*

- of the International Atomic Energy Agency; or
  - (ii) in the *United Nations Recommendations on the Transport of Dangerous Goods – Model Regulations*; or
  - (iii) by the relevant regulatory authority; and
- (b) includes:
- (i) UN 2908, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – EMPTY PACKAGING; and
  - (ii) UN 2909, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – ARTICLES MANUFACTURED FROM NATURAL URANIUM or DEPLETED URANIUM or NATURAL THORIUM; and
  - (iii) UN 2910, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – LIMITED QUANTITY OF MATERIAL; and
  - (iv) UN 2911, RADIOACTIVE MATERIAL, EXCEPTED PACKAGE – INSTRUMENTS OR ARTICLES.”

“**Orientation arrows** means two side-by-side arrows pointing upwards to indicate the correct orientation of a container, as specified in any of the following:

- (a) *New Zealand Standard 5433:2007, Transport of Dangerous Goods on Land*; or
- (b) *United Nations Recommendations on the Transport of Dangerous Goods – Model Regulations*; or
- (c) *International Maritime Dangerous Goods Code*; or



- (d) *Technical Instructions for Safe Transport of Dangerous Goods by Air* of the International Civil Aviation Organisation; or
- (e) *Dangerous Goods Regulations* of the International Air Transport Association.”

“**Special mark** means any of the following marks or symbols on packaging, containers, vehicles, portable tanks or freight containers:

- (a) the elevated temperature mark; or
- (b) the environmentally hazardous substance mark; or
- (c) orientation arrows.”

### 3.2 Substitution of definitions

3.2(1) *Part 2* is amended by substituting the following for the definition of **cultures**:

“**Cultures** means infectious substances that are the result of a process by which pathogens are intentionally propagated to generate high concentrations; but does not include diagnostic specimens.”

3.2(2) *Part 2* is amended by substituting the following for the definition of **diagnostic specimen**:

“**Diagnostic specimen** means any human or animal material that is an infectious substance and is collected directly from humans or animals, including but not limited to excreta, secreta, blood and its components, tissue and tissue fluid swabs, and body parts being transported for purposes of research, diagnosis, investigation or disease treatment or prevention; but excluding cultures and live infected animals.”

### 3.3 Amendments to definitions

3.3(1) The definition of **Dangerous Goods in Limited Quantities** is amended by deleting “, excluding items listed in *Schedule 2A*” from *paragraph (a)*.

3.3(2) The definition of **emergency services personnel** is amended by substituting “*NZS 8156:2008*

*Ambulance and Paramedical Services*” for “*NZS 8156:2002 Ambulance Sector Standard*”.

3.3(3)

*Paragraph (b)* of the definition of **proper shipping name** is amended:

- (a) by substituting “N.O.S.” for “NOS”; and
- (b) by substituting “61, 274 or 318” for “61 or 274”.

### 3.4

#### **Amendments to Table A**

3.4(1)

*Table A* is amended in the rows relating to ‘Class 3 Flammable liquids’:

- (a) by substituting “60°C” for “60.5°C” wherever it occurs; and
- (b) by inserting the following note after *paragraph (a)*:

“[Note: Diesel with a flash point of 60°C or less is classified as UN 1202, GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT, Class 3, Packing Group III. Diesel with a flash point over 60°C is classified as UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diesel), Class 9, Packing Group III.]”

3.4(2)

*Table A* is amended in the rows relating to ‘Class 4 Flammable solids’:

- (a) in *paragraph 4.1(b)* by deleting “and related”; and
- (b) in the last paragraph by inserting “, except self-reactive substances in Division 4.1,” after “Dangerous goods of all divisions of Class 4”; and
- (c) by inserting the following paragraph after the last paragraph:

“Self-reactive substances are classified into seven types according to the degree of danger they present and the quantity per package. The types of self-reactive substances range from Type A, which is too dangerous for transport, to Type G, which

is not subject to the requirements of this Rule for transport of dangerous goods in Division 4.1.”

- 3.4(3) *Table A* is amended in the rows relating to ‘Class 5 Oxidising substances and organic peroxides’ by inserting the following paragraph after the last paragraph:
- “Organic peroxides are classified into seven types according to the degree of danger they present and the quantity per package. The types of organic peroxide range from Type A, which is too dangerous for transport, to Type G, which is not subject to the requirements of this Rule for transport of dangerous goods in Division 5.2.”
- 3.4(4) *Table A* is amended in the rows relating to ‘Class 9 Miscellaneous dangerous substances and articles’:
- (a) in *paragraph (a)* by substituting “includes diesel with a flash point over 60°C from 1 January 2011, and other” for “include”; and
- (b) by inserting the following note after *paragraph (a)*:
- “[Note: Diesel with a flash point of 60°C or less is classified as UN 1202, GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT, Class 3, Packing Group III. Diesel with a flash point over 60°C is classified as UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diesel), Class 9, Packing Group III.]”
- 3.4(5) *Table A* is amended in the endnote relating to the heading “Brief description” by substituting “Subject to classification by the relevant regulatory authority, detailed” for “Detailed”.

## Section 4 Amendments to Part 3, Schedules

### 4.1 Amendments to Schedule 1

The table in *Schedule 1* is amended by:

- (a) substituting “100 litres” for “100 litres water capacity” in the row relating to Class 2.2, UN 1977, NITROGEN REFRIGERATED LIQUID;
- (b) substituting the following rows for the rows relating to Class 3, Flammable liquids:

“3	Flammable liquids [Note: Petrol is classified as UN 1203, PETROL, Class 3, Packing Group II. Diesel with a flash point of 60°C or less is classified as UN 1202, GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT, Class 3, Packing Group III. Diesel with a flash point over 60°C is classified as UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diesel), Class 9, Packing Group III.]	I	5 litres
		II or III	250 litres”

- (c) substituting the following rows for the rows relating to Class 4.3 substances:

"4.3	Dangerous when wet (except UN 1397, ALUMINIUM PHOSPHIDE; UN 1402, CALCIUM CARBIDE and UN 2011, MAGNESIUM PHOSPHIDE)	I	No quantity permitted
	UN 1397, ALUMINIUM PHOSPHIDE; UN 1402, CALCIUM CARBIDE and UN 2011, MAGNESIUM PHOSPHIDE	I	5 kg
	Dangerous when wet (Packaged as Dangerous Goods in Limited Quantities or Consumer Commodities only)	II or III	50 kg"

- (d) substituting the following rows for the rows relating to Class 6.2 substances:

"6.2	Infectious substances Category A	-	5 kg (solids, powders, etc); or 5 litres (liquids)
	Infectious substances Category B (except portable toilet effluent, septic tank wastes and sewage screening sludge)	-	50 kg (solids, powders, etc); or 50 litres (liquids)
	UN 3291, CLINICAL WASTE, UNSPECIFIED, N.O.S. or (BIO) MEDICAL WASTE, N.O.S.	II	50 kg (solids, powders, etc); or 50 litres (liquids)
	Portable toilet effluent, septic tank wastes and sewage screening sludge	-	250 kg, 250 litres or two portable toilets, whichever is the greater quantity"

- (e) substituting the following for the rows relating to Class 9 dangerous goods:

"9	Miscellaneous dangerous substances and articles (except those listed below)	I	5 kg (solids, powders, etc); or 5 litres (liquids)
		II	50 kg (solids, powders, etc); or 50 litres (liquids)
		III	250 kg (solids, powders, etc); or 250 litres (liquids)
	Substances, other than diesel, that are toxic to the aquatic environment (UN 3077 or UN 3082)	III	1000 kg (solids, powders, etc); or 1000 litres (liquids)
	Diesel with a flash point over 60°C, classified as UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diesel) †	III	2000 litres"

- (f) substituting the following for the rows relating to “Mixed loads”:

“Mixed loads	<p>The maximum quantity for a mixed load is an aggregate amount of 500, using the following units: kilograms (solids, powders, etc including the weight of the packaging), litres (liquids), litres water capacity (gases).</p> <p>The quantity of Class 9 diesel, or Class 9 substances that are toxic to the aquatic environment, is in addition to the maximum quantity for a mixed load.</p> <p>The maximum quantity for a mixed load is exceeded if the quantity for any class or division in the load exceeds the limit specified for that class or division.”</p>
--------------	--

- (g) substituting the following for the endnote relating to the column heading “Maximum quantity”:

<p>“* The maximum quantity is determined by the actual quantity of dangerous goods carried, measured in:</p> <ul style="list-style-type: none"> <li>• kilograms (including the weight of the packaging) for solids, powders, etc;</li> <li>• litres for liquids;</li> <li>• litres water capacity of the cylinder or container for gases, except for cryogenic liquids (such as UN 1977, NITROGEN, REFRIGERATED LIQUID) where the actual quantity can easily be measured with a dip-stick or similar measuring device.”</li> </ul>
--

- (h) inserting the following row as the last row of *Schedule 1*:

<p>“† Diesel with a flash point over 60°C, classified as UN 3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diesel), Class 9, is not subject to this Rule before 1 January 2011. Diesel with a flash point of 60°C or less is classified as UN 1202, GAS OIL or DIESEL FUEL or HEATING OIL, LIGHT, Class 3, Packing Group III and is subject to this Rule (see Class 3 in Table A and in this Schedule).”</p>
--

#### **4.2 Substitution of Schedule 2**

*Schedule 2* is revoked and the Schedule, set out in *Schedule 1* of this Rule is substituted.

#### **4.3 Revocation of Schedule 2A**

*Schedule 2A* is revoked.

#### **4.4 Insertion of new Schedule 4**

*Part 3* is amended by adding, as *Schedule 4*, the Schedule set out in *Schedule 2* to this Rule.



## Part 2 Schedules

### Schedule 1 New Schedule 2 [Ref 4.2]

#### “Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities [Ref 2.3]

Class or division or product	Packing group	Physical state	Maximum quantity per inner packaging
Dangerous goods of all classes in Packing Group I, unless a quantity is specified for the particular dangerous goods in this Schedule	I	-	0
1	-	-	0
2 - with a flammable, corrosive, oxidizing or toxic risk, unless a quantity is specified for the particular dangerous goods in this schedule	-	-	0
2.1 - UN 1057, LIGHTERS or LIGHTER REFILLS containing flammable gas	-	gas	10 g per lighter; or 65 g per lighter refill
2.1, 2.2 - UN 1950, AEROSOLS (containing toxic substances) or UN 2037, GAS CARTRIDGES (containing toxic substances)	-	gas	120 ml water capacity
2.1, 2.2 – UN 1950, AEROSOLS (not containing toxic substances) or UN 2037, GAS CARTRIDGES (not containing toxic substances)	-	gas	1 litre water capacity
2.1 – UN 3478, FUEL CELL CARTRIDGES or FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing liquefied flammable gas	-	gas	120 ml water capacity
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities (continued)”**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
2.1 – UN 3479, FUEL CELL CARTRIDGES or FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing hydrogen in metal hydride	-	gas	120 ml water capacity
2.2 – excluding gases that have an oxidizing risk and gases for which '0' is specified for the maximum quantity per inner packaging in this schedule	-	gas	500 ml water capacity
2.2 – UN 2857, REFRIGERATING MACHINES containing non-flammable, non-toxic gases or ammonia solutions (UN 2672)	-	-	0
2.3	-	-	0
3 – unless a quantity is specified for the particular dangerous goods in this Schedule	I	-	0
3 - excluding dangerous goods for which a different quantity is specified for the maximum quantity per inner packaging in this schedule	II	liquid	1 litre
3 - excluding dangerous goods for which '0' is specified for the maximum quantity per inner packaging in this schedule	III	liquid	5 litres
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2                      Dangerous Goods in Limited Quantities and  
Consumer Commodities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
3 - UN 1133, ADHESIVES flammable liquid	I	liquid	500 ml
	II	liquid	5 litres
	III	liquid	5 litres
3 - UN 1139, COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle undercoating, drum or barrel lining)	I	liquid	500 ml
	II	liquid	5 litres
	III	liquid	5 litres
3 - UN 1162, DIMETHYLDICHLOROSILANE	II	-	0
3 - UN 1169, EXTRACTS, AROMATIC, LIQUID	II	liquid	5 litres
	III	liquid	5 litres
3 - UN 1196, ETHYLTRICHLOROSILANE	II	-	0
3 - UN 1197, EXTRACTS, FLAVOURING, LIQUID	II	liquid	5 litres
	III	liquid	5 litres
3 - UN 1210, PRINTING INK, flammable or PRINTING INK RELATED MATERIAL (including printing ink thinning or reducing compound), flammable	I	liquid	500 ml
	II	liquid	5 litres
	III	liquid	5 litres
3 – UN 1250, METHYLTRICHLOROSILANE	II	-	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities (continued)”**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
3 - UN 1263, PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler, and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)	I	liquid	500 ml
	II	liquid	5 litres
	III	liquid	5 litres
3 - UN 1266, PERFUMERY PRODUCTS with flammable solvents	II	liquid	5 litres
	III	liquid	5 litres
3 - UN 1267, PETROLEUM CRUDE OIL	I	liquid	500 ml
	II	liquid	1 litre
	III	liquid	5 litres
3 - UN 1268, PETROLEUM DISTILLATES, N.O.S., or PETROLEUM PRODUCTS, N.O.S.	I	liquid	500 ml
	II	liquid	1 litre
	III	liquid	5 litres
3 - UN 1286, ROSIN OIL	II	liquid	5 litres
	III	liquid	5 litres
3 - UN 1287, RUBBER SOLUTION	II	liquid	5 litres
	III	liquid	5 litres
3 - UN 1298, TRIMETHYLCHLOROSILANE	II	-	0
3 – UN 1305, VINYLTRICHLOROSILANE	II	-	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities (continued)”**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
3 - UN 1306, WOOD PRESERVATIVES, LIQUID	II	liquid	5 litres
	III	liquid	5 litres
3 - UN 1863, FUEL, AVIATION, TURBINE ENGINE	I	liquid	500 ml
	II	liquid	1 litre
	III	liquid	5 litres
3 - UN 1866, RESIN SOLUTION, flammable	I	liquid	500 ml
	II	liquid	5 litres
	III	liquid	5 litres
3 - UN 1999, TARS, LIQUID, including road oils and cutback bitumens	II	liquid	5 litres
	III	liquid	5 litres
3 - UN 2985, CHLOROSILANES, FLAMMABLE, CORROSIVE, N.O.S.	II	-	0
3 - UN 3064, NITROGLYCERIN, SOLUTION IN ALCOHOL with more than 1% but not more than 5% nitroglycerin	II	-	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities (continued)”**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
3 - UN 3065, ALCOHOLIC BEVERAGES, with more than 70% alcohol by volume	II	liquid	5 litres *
3 - UN 3065, ALCOHOLIC BEVERAGES, with more than 24% but not more than 70% alcohol by volume	III	liquid	5 litres Δ
3 - UN 3256, ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flash point above 60°C, at or above its flash point	III	-	0
3 - UN 3269, POLYESTER RESIN KIT	II	liquid	5 litres
	III	liquid	5 litres
3 - UN 3295, HYDROCARBONS, LIQUID, N.O.S.	I	liquid	500 ml
	II	liquid	1 litre
	III	liquid	5 litres
3 - UN 3343, NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin, by mass	-	-	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			
* Not subject to controls for transport of dangerous goods on land when packed in containers of 5 litres or less, but controls may apply for transport by air or sea.			
Δ Not subject to controls for transport of dangerous goods on land or by sea when packed in containers of 250 litres or less, but controls may apply for transport by air.			

**“Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities (continued)”**

Class or division or product	Packing group	Physical state	Maximum quantity per inner packaging
3 - UN 3357, NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S. with not more than 30% nitroglycerin, by mass	II	-	0
3 - UN 3473, FUEL CELL CARTRIDGES or FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing flammable liquids	-	liquid	1 litre
4.1 - self-reactive substances, temperature controlled substances or desensitized explosives, unless a quantity is specified for the particular dangerous goods in this schedule	-	-	0
4.1	I	-	0
4.1 - excluding desensitized explosives and excluding dangerous goods for which '0' is specified for the maximum quantity per inner packaging in this Schedule	II	solid	1 kg
4.1 - excluding dangerous goods for which '0' is specified for the maximum quantity per inner packaging in this Schedule	III	solid	5 kg
4.1 - UN 1327, HAY, STRAW or BHUSA	-	Solid	3 kg
4.1 - UN 2304, NAPHTHALENE, MOLTEN	III	-	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities (continued)”**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
4.1 - UN 2448, SULPHUR, MOLTEN	III	-	0
4.1 - UN 3176, FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	II or III	-	0
4.1 - UN 3221, SELF-REACTIVE LIQUID TYPE B	-	liquid	25 ml
4.1 - UN 3222, SELF-REACTIVE SOLID TYPE B	-	solid	100 g
4.1 - UN 3223, SELF-REACTIVE LIQUID TYPE C	-	liquid	25 ml
4.1 - UN 3224, SELF-REACTIVE SOLID TYPE C	-	solid	100 g
4.1 - UN 3225, SELF-REACTIVE LIQUID TYPE D	-	liquid	125 ml
4.1 - UN 3226, SELF-REACTIVE SOLID TYPE D	-	solid	500 g
4.1 - UN 3227, SELF-REACTIVE LIQUID TYPE E	-	liquid	125 ml
4.1 - UN 3228, SELF-REACTIVE SOLID TYPE E	-	solid	500 g
4.1 - UN 3229, SELF-REACTIVE LIQUID TYPE F	-	liquid	125 ml
4.1 - UN 3230, SELF-REACTIVE SOLID TYPE F	-	solid	500 g
4.1 – UN 3360, FIBRES, VEGETABLE, DRY §	-	-	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			
§ Not subject to controls for transport of dangerous goods on land or by air, but controls may apply for transport by sea.			



**“Schedule 2                      Dangerous Goods in Limited Quantities and  
Consumer Commodities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
4.2 - unless a quantity is specified for the particular dangerous goods in this Schedule	-	-	0
4.2 - UN 3400, ORGANOMETALLIC SUBSTANCE, SOLID, SELF-HEATING	II	solid	500 g
	III	solid	1 kg
4.3	I	-	0
4.3 – excluding dangerous goods for which ‘0’ is specified for the maximum quantity per inner packaging in this Schedule	II	liquid	500 ml
4.3 – excluding dangerous goods for which ‘0’ is specified for the maximum quantity per inner packaging in this Schedule	II	solid	500 g
4.3 – excluding dangerous goods for which ‘0’ is specified for the maximum quantity per inner packaging in this Schedule	III	liquid	1 litre
4.3 – excluding dangerous goods for which ‘0’ is specified for the maximum quantity per inner packaging in this Schedule	III	solid	1 kg
4.3 – UN 1418, MAGNESIUM POWDER or MAGNESIUM ALLOYS POWDER	II or III	-	0
4.3 – UN 1436, ZINC POWDER or ZINC DUST	II or III	-	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities (continued)”**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
4.3 – UN 3135, WATER REACTIVE SOLID, SELF-HEATING, N.O.S.	II or III	-	0
4.3 – UN 3209, METALLIC SUBSTANCE, WATER-REACTIVE, SELF-HEATING, N.O.S.	II or III	-	0
4.3 – UN 3292, BATTERIES, CONTAINING SODIUM, or CELLS, CONTAINING SODIUM	II	-	0
4.3 – UN 3476, FUEL CELL CARTRIDGES or FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing water-reactive substances	-	liquid or solid	500 ml or 500 g
5.1	I	-	0
5.1 – excluding dangerous goods for which ‘0’ is specified for the maximum quantity per inner packaging in this Schedule	II	liquid	1 litre
5.1 – excluding dangerous goods for which ‘0’ is specified for the maximum quantity per inner packaging in this Schedule	II	solid	1 kg
5.1	III	liquid	5 litres
5.1	III	solid	5 kg
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2                      Dangerous Goods in Limited Quantities and  
Consumer Commodities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
5.1 - UN 2426, AMMONIUM NITRATE, LIQUID (hot concentrated solution)	-	-	0
5.1 - UN 3100, OXIDIZING SOLID, SELF-HEATING, N.O.S.	II	-	0
5.1 - UN 3356, OXYGEN GENERATOR, CHEMICAL	II	-	0
5.1 - UN 3375, AMMONIUM NITRATE EMULSION or SUSPENSION or GEL, intermediate for blasting explosives	II	-	0
5.2 - unless a quantity is specified for the particular dangerous goods in this Schedule	-	-	0
5.2 - UN 3101, ORGANIC PEROXIDE TYPE B, LIQUID (not requiring temperature control)	-	liquid	25 ml
5.2 - UN 3102, ORGANIC PEROXIDE TYPE B, SOLID (not requiring temperature control)	-	solid	100 g
5.2 - UN 3103, ORGANIC PEROXIDE TYPE C, LIQUID (not requiring temperature control)	-	liquid	25 ml
5.2 - UN 3104, ORGANIC PEROXIDE TYPE C, SOLID (not requiring temperature control)	-	solid	100 g
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2                      Dangerous Goods in Limited Quantities and  
Consumer Commodities (continued)”**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
5.2 - UN 3105, ORGANIC PEROXIDE TYPE D, LIQUID (not requiring temperature control)	-	liquid	125 ml
5.2 - UN 3106, ORGANIC PEROXIDE TYPE D, SOLID (not requiring temperature control)	-	solid	500 g
5.2 - UN 3107, ORGANIC PEROXIDE TYPE E, LIQUID (not requiring temperature control)	-	liquid	125 ml
5.2 - UN 3108, ORGANIC PEROXIDE TYPE E, SOLID (not requiring temperature control)	-	solid	500 g
5.2 - UN 3109, ORGANIC PEROXIDE TYPE F, LIQUID (not requiring temperature control)	-	liquid	125 ml
5.2 - UN 3110, ORGANIC PEROXIDE TYPE F, SOLID (not requiring temperature control)	-	solid	500 g
6.1	I	-	0
6.1 - excluding dangerous goods for which '0' is specified for the maximum quantity per inner packaging in this Schedule	II	liquid	100 ml
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2                      Dangerous Goods in Limited Quantities and  
Consumer Commodities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
6.1 - excluding dangerous goods for which '0' is specified for the maximum quantity per inner packaging in this Schedule	II	solid	500 g
6.1	III	liquid	5 litres
6.1	III	solid	5 kg
6.1 - UN 1569, BROMOACETONE	II	-	0
6.1 - UN 1600, DINITROTOLUENES, MOLTEN	II	-	0
6.1 - UN 1693, TEAR GAS SUBSTANCE, LIQUID, N.O.S.	II	-	0
6.1 - UN 1697, CHLOROACETOPHENONE, SOLID	II	-	0
6.1 - UN 1700, TEAR GAS CANDLES	II	-	0
6.1 - UN 1701, XYLYL BROMIDE, LIQUID	II	-	0
6.1 - UN 1737, BENZYL BROMIDE	II	-	0
6.1 - UN 1738, BENZYL CHLORIDE	II	-	0
6.1 - UN 2016, AMMUNITION, TOXIC NON-EXPLOSIVE without burster or expelling charge, non-fuzed	II	-	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities (continued)”**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
6.1 - UN 2017, AMMUNITION, TEAR-PRODUCING, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	II	-	0
6.1 - UN 2312, PHENOL, MOLTEN	II	-	0
6.1 - UN 3124, TOXIC SOLID, SELF-HEATING, N.O.S.	II	-	0
6.1 - UN 3250, CHLOROACETIC ACID, MOLTEN	II	-	0
6.1 - UN 3361, CHLOROSILANES, TOXIC, CORROSIVE, N.O.S.	II	-	0
6.1 - UN 3362, CHLOROSILANES, TOXIC, CORROSIVE, FLAMMABLE, N.O.S.	II	-	0
6.1 - UN 3416, CHLOROACETOPHENONE, LIQUID	II	-	0
6.1 - UN 3417, XYLYL BROMIDE, SOLID	II	-	0
6.1 - UN 3448, TEAR GAS SUBSTANCE, SOLID, N.O.S.	II	-	0
6.2	-	-	0
7	-	-	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2                      Dangerous Goods in Limited Quantities and  
Consumer Commodities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
8	I	-	0
8 - excluding dangerous goods for which '0' is specified for the maximum quantity per inner packaging in this Schedule	II	liquid	1 litre ‡
8 - excluding dangerous goods for which '0' is specified for the maximum quantity per inner packaging in this Schedule	II	solid	1 kg
8 - excluding dangerous goods for which '0' is specified for the maximum quantity per inner packaging in this Schedule	III	liquid	5 litres
8 - excluding dangerous goods for which '0' is specified for the maximum quantity per inner packaging in this Schedule	III	solid	5 kg
8 - UN 1724, ALLYLTRICHLOROSILANE, STABILIZED	II	-	0
8 - UN 1728, AMYLTRICHLOROSILANE	II	-	0
8 - UN 1747, BUTYLTRICHLOROSILANE	II	-	0
8 - UN 1753, CHLOROPHENYL-TRICHLOROSILANE	II	-	0
8 - UN 1762, CYCLOHEXENYL-TRICHLOROSILANE	II	-	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			
‡ Glass, porcelain or stoneware inner packaging must be enclosed in a compatible and rigid intermediate packaging.			

**“Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities (continued)”**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
8 - UN 1763, CYCLOHEXYLTRICHLOROSILANE	II	-	0
8 - UN 1766, DICHLOROPHENYL-TRICHLOROSILANE	II	-	0
8 - UN 1767, DIETHYLDICHLOROSILANE	II	-	0
8 - UN 1769, DIPHENYLDICHLOROSILANE	II	-	0
8 - UN 1771, DODECYLTRICHLOROSILANE	II	-	0
8 - UN 1781, HEXADECYLTRICHLOROSILANE	II	-	0
8 - UN 1784, HEXYLTRICHLOROSILANE	II	-	0
8 - UN 1799, NONYLTRICHLOROSILANE	II	-	0
8 - UN 1800, OCTADECYLTRICHLOROSILANE	II	-	0
8 - UN 1801, OCTYLTRICHLOROSILANE	II	-	0
8 - UN 1804, PHENYLTRICHLOROSILANE	II	-	0
8 - UN 1810, PHOSPHORUS OXYCHLORIDE	II	-	0
8 - UN 1816, PROPYLTRICHLOROSILANE	II	-	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			



**“Schedule 2                      Dangerous Goods in Limited Quantities and  
Consumer Commodities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
8 - UN 1818, SILICON TETRACHLORIDE	II		0
8 - UN 1838, TITANIUM TETRACHLORIDE	II	-	0
8 - UN 2028, BOMBS, SMOKE, NON-EXPLOSIVE with corrosive liquid, without initiating device	II	-	0
8 - UN 2215, MALEIC ANHYDRIDE, MOLTEN	III	-	0
8 - UN 2434, DIBENZYL DICHLOROSILANE	II	-	0
8 - UN 2435, ETHYLPHENYL DICHLOROSILANE	II	-	0
8 - UN 2437, METHYLPHENYL DICHLOROSILANE	II	-	0
8 - UN 2442, TRICHLOROACETYL CHLORIDE	II	-	0
8 - UN 2576, PHOSPHORUS OXYBROMIDE, MOLTEN	II	-	0
8 - UN 2794, BATTERIES, WET, FILLED WITH ACID, electric storage	-	-	1 litre (measured by the volume of the battery case)
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
8 - UN 2795, BATTERIES, WET, FILLED WITH ALKALI, electric storage	-	-	1 litre (measured by the volume of the battery case)
8 - UN 2800, BATTERIES, WET, NON-SPILLABLE, electric storage	-	-	1 litre (measured by the volume of the battery case)
8 - UN 2826, ETHYL CHLOROTHIOFORMATE	II	-	0
8 - UN 2986, CHLOROSILANES, CORROSIVE, FLAMMABLE, N.O.S.	II	-	0
8 - UN 2987, CHLOROSILANES, CORROSIVE N.O.S.	II	-	0
8 - UN 3028, BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE SOLID, electric storage	-	-	2 kg
8 - UN 3301, CORROSIVE LIQUID, SELF-HEATING, N.O.S.	II	-	0
8 - UN 3477, FUEL CELL CARTRIDGES or FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing corrosive substances	-	liquid or solid	1 litre or 1 kg
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**“Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
9 - unless a quantity is specified for the particular dangerous goods in this Schedule	II		0
9 - excluding dangerous goods for which '0' is specified for the maximum quantity per inner packaging in this Schedule	III	liquid	5 litres
9 - excluding dangerous goods for which '0' is specified for the maximum quantity per inner packaging in this Schedule	III	solid	5 kg
9 - UN 1845, CARBON DIOXIDE, SOLID (DRY ICE)	III	-	0
9 - UN 2212, BLUE ASBESTOS (crocidolite) or BROWN ASBESTOS (amosite, myosrite)	II	solid	1 kg
9 - UN 2216, FISH MEAL (FISH SCRAP), STABILIZED §	III	-	0
9 - UN 2315, POLYCHLORINATED BIPHENYLS, LIQUID	II	liquid	1 litre
9 - UN 2590, WHITE ASBESTOS (chrysotile, actinolite, anthophyllite, tremolite)	III	-	0
9 - UN 2807, MAGNETIZED MATERIAL †	III	-	0
9 - UN 2969, CASTOR BEANS or CASTOR MEAL or CASTOR POMACE or CASTOR FLAKE	II	solid	5 kg
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			
§ Not subject to controls for transport of dangerous goods on land or by air, but controls may apply for transport by sea.			
† Not subject to controls for transport of dangerous goods on land or by sea, but controls may apply for transport by air.			

**“Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities (continued)”**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
9 - UN 2990, LIFE-SAVING APPLIANCES, SELF-INFLATING	-	-	0
9 - UN 3072, LIFE-SAVING APPLIANCES NOT SELF-INFLATING containing dangerous goods as equipment	-	-	0
9 - UN 3151, POLYHALOGENATED BIPHENYLS, LIQUID or POLYHALOGENATED TERPHENYLS, LIQUID	II	liquid	1 litre
9 - UN 3152, POLYHALOGENATED BIPHENYLS, SOLID or POLYHALOGENATED TERPHENYLS, SOLID	II	solid	1 kg
9 - 3166, ENGINE, INTERNAL COMBUSTION or VEHICLE, FLAMMABLE GAS POWERED or VEHICLE, FLAMMABLE LIQUID POWERED or ENGINE, FUEL CELL, FLAMMABLE GAS POWERED or ENGINE, FUEL CELL, FLAMMABLE LIQUID POWERED or VEHICLE FUEL CELL, FLAMMABLE GAS POWERED or VEHICLE, FUEL CELL, FLAMMABLE LIQUID POWERED †	-	-	0
9 - UN 3171, BATTERY-POWERED VEHICLE or BATTERY-POWERED EQUIPMENT †	-	-	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			
† Not subject to controls for transport of dangerous goods on land or by sea, but controls may apply for transport by air.			

**“Schedule 2                      Dangerous Goods in Limited Quantities and  
Consumer Commodities (continued)”**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Physical state</b>	<b>Maximum quantity per inner packaging</b>
9 - UN 3245, GENETICALLY MODIFIED MICROORGANISMS or GENETICALLY MODIFIED ORGANISMS	-	-	0
9 - UN 3257, ELEVATED TEMPERATURE LIQUID, N.O.S., at or above 100°C and below its flash point (including molten metals, molten salts, etc.)	III	-	0
9 - UN 3258, ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240°C	III	-	0
9 - UN 3268, AIRBAG INFLATORS or AIRBAG MODULES or SEAT-BELT PRETENSIONERS	III	-	0
9 - UN 3316, CHEMICAL KIT or FIRST AID KIT	-	-	0
9 - UN 3334, AVIATION REGULATED LIQUID, N.O.S. †	-	-	0
9 - UN 3335, AVIATION REGULATED SOLID, N.O.S. †	-	-	0
9 - UN 3359, FUMIGATED CARGO TRANSPORT UNIT	-	-	0
9 - UN 3363, DANGEROUS GOODS IN MACHINERY or DANGEROUS GOODS IN APPARATUS	-	-	0
9 - UN 3432, POLYCHLORINATED BIPHENYLS, SOLID	II	solid	1 kg
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			
† Not subject to controls for transport of dangerous goods on land or by sea, but controls may apply for transport by air.”			

## Schedule 2      New Schedule 4 [Ref 4.4]

### “Schedule 4      Dangerous goods in excepted quantities [Ref 2.9]

#### PART A      QUANTITY LIMITS FOR DANGEROUS GOODS IN EXCEPTED QUANTITIES

Class or division or product	Packing group	Maximum quantity* per inner packaging	Maximum quantity+ per outer packaging
1	-	0	0
2.1	-	0	0
2.2 - with a subsidiary risk	-	0	0
2.2 - without a subsidiary risk, except UN Nos. 1044, 1950, 2037, 2857, 3164	-	30	1000
2.2 – UN 1044, FIRE EXTINGUISHERS with compressed or liquefied gas	-	0	0
2 – UN 1950, AEROSOLS	-	0	0
2 – UN 2037, GAS CARTRIDGES without a release device, non-refillable	-	0	0
2.2 – UN 2857, REFRIGERATING MACHINES containing non-flammable, non-toxic gases or ammonia solutions (UN 2672)	-	0	0
2.2 – UN 3164, ARTICLES, PRESSURIZED, PNEUMATIC or HYDRAULIC (containing non-flammable gas)	-	0	0
2.3	-	0	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**Schedule 4**                      **Part A – Quantity limits for dangerous goods  
in excepted quantities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Maximum quantity* per inner packaging</b>	<b>Maximum quantity* per outer packaging</b>
3 - with a subsidiary risk	I	0	0
3 - without a subsidiary risk, except UN Nos. 2059, 3379	I	30	300
3 - except UN Nos. 1204, 2059, 3064, 3269, 3357	II	30	500
3 - except UN Nos. 2059, 3256, 3269	III	30	1000
3 – UN 1204, NITROGLYCERIN SOLUTION IN ALCOHOL with not more than 1% nitroglycerin	II	0	0
3 – UN 2059, NITROCELLULOSE SOLUTION, FLAMMABLE with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose	I, II or III	0	0
3 – UN 3064, NITROGLYCERIN, SOLUTION IN ALCOHOL with more than 1% but not more than 5% nitroglycerin	II	0	0
3 – UN 3256, ELEVATED TEMPERATURE LIQUID, FLAMMABLE, N.O.S. with flash point above 60°C, at or above its flash point	III	0	0
3 – UN 3269, POLYESTER RESIN KIT	II or III	0	0
3 – UN 3343, NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, FLAMMABLE, N.O.S. with not more than 30% nitroglycerin, by mass	I, II or III	0	0
3 – UN 3357, NITROGLYCERIN MIXTURE, DESENSITIZED, LIQUID, N.O.S. with not more than 30% nitroglycerin, by mass	II	0	0
3 – UN 3379, DESENSITIZED EXPLOSIVE, LIQUID, N.O.S.	I	0	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**Schedule 4**                      **Part A – Quantity limits for dangerous goods  
in excepted quantities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Maximum quantity* per inner packaging</b>	<b>Maximum quantity<sup>+</sup> per outer packaging</b>
3 – UN 3473, FUEL CELL CARTRIDGES or FUEL CELL CARTRIDGES CONTAINED IN EQUIPMENT or FUEL CELL CARTRIDGES PACKED WITH EQUIPMENT, containing flammable liquids	-	0	0
4.1	I	0	0
4.1 - except UN Nos. 2555, 2556, 2557, 2907, 3176, 3319, 3344	II	30	500
4.1 - except UN Nos. 2304, 2448, 3176	III	30	1000
4.1 – UN 1327, HAY, STRAW or BHUSA	-	0	0
4.1 – UN 2304, NAPHTHALENE, MOLTEN	III	0	0
4.1 – UN 2448, SULPHUR, MOLTEN	III	0	0
4.1 – UN 2555, NITROCELLULOSE WITH WATER (not less than 25% water, by mass)	II	0	0
4.1 – UN 2556, NITROCELLULOSE WITH ALCOHOL (not less than 25% alcohol, by mass, and not more than 12.6% nitrogen, by dry mass)	II	0	0
4.1 – UN 2557, NITROCELLULOSE, with not more than 12.6% nitrogen, by dry mass, MIXTURE WITH or WITHOUT PLASTICIZER, WITH or WITHOUT PIGMENT	II	0	0
4.1 – UN 2907, ISOSORBIDE DINITRATE MIXTURE with not less than 60% lactose, mannose, starch or calcium hydrogen phosphate	II	0	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			



**Schedule 4**                      **Part A – Quantity limits for dangerous goods  
in excepted quantities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Maximum quantity* per inner packaging</b>	<b>Maximum quantity+ per outer packaging</b>
4.1 – UN 3176, FLAMMABLE SOLID, ORGANIC, MOLTEN, N.O.S.	II or III	0	0
4.1 – UN 3221 – UN 3240, Self-reactive substances	-	0	0
4.1 – UN 3319, NITROGLYCERIN MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 2% but not more than 10% nitroglycerin, by mass	II	0	0
4.1 – UN 3344, PENTAERYTHRITE TETRANITRATE (PENTAERYTHRITOL TETRANITRATE; PETN) MIXTURE, DESENSITIZED, SOLID, N.O.S. with more than 10% but not more than 20% PETN, by mass	II	0	0
4.1 – UN 3360, FIBRES, VEGETABLE, DRY §	-	0	0
4.2	I	0	0
4.2	II	30	500
4.2	III	30	1000
4.2 – UN 1856, RAGS, OILY §	-	0	0
4.3	I	0	0
4.3 - except UN 3292	II	30	500
4.3	III	30	1000
4.3 – UN 3292, BATTERIES, CONTAINING SODIUM, or CELLS, CONTAINING SODIUM	II	0	0
5.1	I	0	0
5.1	II	30	500
5.1	III	30	1000
5.1 – UN 2426, AMMONIUM NITRATE, LIQUID (hot concentrated solution)	-	0	0
5.2	-	0	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			
§ Not subject to controls for transport of dangerous goods on land or by air, but controls may apply for transport by sea.			

**Schedule 4**                      **Part A – Quantity limits for dangerous goods  
in excepted quantities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Maximum quantity* per inner packaging</b>	<b>Maximum quantity* per outer packaging</b>
6.1 – except UN Nos. 1092, 1098, 1135, 1143, 1163, 1182, 1185, 1238, 1239, 1244, 1251, 1510, 1541, 1580, 1595, 1605, 1647, 1670, 1695, 1752, 1809, 1810, 1834, 1838, 1892, 1994, 2232, 2334, 2337, 2382, 2407, 2474, 2477, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2521, 2605, 2606, 2644, 2646, 2668, 3023, 3079, 3246, 3381, 3382, 3383, 3384, 3385, 3386, 3387, 3388, 3389, 3390, 3488, 3489, 3490, 3491, 3492, 3493	I	1	300
6.1 - except UN Nos. 1600, 1700, 2016, 2017, 2312, 3250	II	1	500
6.1	III	30	1000
6.1 – UN 1092, ACROLEIN, STABILIZED	I	0	0
6.1 – UN 1098, ALLYL ALCOHOL	I	0	0
6.1 – UN 1135, ETHYLENE CHLOROHYDRIN	I	0	0
6.1 – UN 1143, CROTONALDEHYDE or CROTONALDEHYDE, STABILIZED	I	0	0
6.1 – UN 1163, DIMETHYLHYDRAZINE, UNSYMMETRICAL	I	0	0
6.1 – UN 1182, ETHYL CHLOROFORMATE	I	0	0
6.1 – UN 1185, ETHYLENEIMINE, STABILIZED	I	0	0
6.1 – UN 1238, METHYL CHLOROFORMATE	I	0	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**Schedule 4**                      **Part A – Quantity limits for dangerous goods  
in excepted quantities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Maximum quantity* per inner packaging</b>	<b>Maximum quantity+ per outer packaging</b>
6.1 – UN 1239, METHYL CHLOROMETHYL ETHER	I	0	0
6.1 – UN 1244, METHYLHYDRAZINE	I	0	0
6.1 – UN 1251, METHYL VINYL KETONE, STABILIZED	I	0	0
6.1 – UN 1510, TETRANITROMETHANE	I	0	0
6.1 – UN 1541, ACETONE CYANOHYDRIN, STABILIZED	I	0	0
6.1 – UN 1580, CHLOROPICRIN	I	0	0
6.1 – UN 1595, DIMETHYL SULPHATE	I	0	0
6.1 – UN 1600, DINITROTOLUENES, MOLTEN	II	0	0
6.1 – UN 1605, ETHYLENE DIBROMIDE	I	0	0
6.1 – UN 1647, METHYL BROMIDE AND ETHYLENE DIBROMIDE MIXTURE, LIQUID	I	0	0
6.1 – UN 1670, PERCHLOROMETHYL MERCAPTAN	I	0	0
6.1 – UN 1695, CHLOROACETONE, STABILIZED	I	0	0
6.1 – UN 1700, TEAR GAS CANDLES	II	0	0
6.1 – UN 1752, CHLOROACETYL CHLORIDE	I	0	0
6.1 – UN 1809, PHOSPHORUS TRICHLORIDE	I	0	0
6.1 – UN 1810, PHOSPHORUS OXYCHLORIDE	I	0	0
6.1 – UN 1834, SULPHURYL CHLORIDE	I	0	0
6.1 – UN 1838, TITANIUM TETRACHLORIDE	I	0	0
6.1 – UN 1892, ETHYLDICHLOROARSINE	I	0	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**Schedule 4**                      **Part A – Quantity limits for dangerous goods  
in excepted quantities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Maximum quantity* per inner packaging</b>	<b>Maximum quantity* per outer packaging</b>
6.1 – UN 1994, IRON PENTACARBONYL	I	0	0
6.1 – UN 2016, AMMUNITION, TOXIC, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	II	0	0
6.1 – UN 2017, AMMUNITION, TEAR-PRODUCING, NON-EXPLOSIVE without burster or expelling charge, non-fuzed	II	0	0
6.1 – UN 2232, 2-CHLOROETHANAL	I	0	0
6.1 – UN 2312, PHENOL, MOLTEN	II	0	0
6.1 – UN 2334, ALLYLAMINE	I	0	0
6.1 – UN 2337, PHENYL MERCAPTAN	I	0	0
6.1 – UN 2382, DIMETHYLHYDRAZINE, SYMMETRICAL	I	0	0
6.1 – UN 2407, ISOPROPYL CHLOROFORMATE	I	0	0
6.1 – UN 2474, THIOPHOSGENE	I	0	0
6.1 – UN 2477, METHYL ISOTHIOCYANATE	I	0	0
6.1 – UN 2480, METHYL ISOCYANATE	I	0	0
6.1 – UN 2481, ETHYL ISOCYANATE	I	0	0
6.1 – UN 2482, n-PROPYL ISOCYANATE	I	0	0
6.1 – UN 2483, ISOPROPYL ISOCYANATE	I	0	0
6.1 – UN 2484, tert-BUTYL ISOCYANATE	I	0	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**Schedule 4**                      **Part A – Quantity limits for dangerous goods  
in excepted quantities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Maximum quantity* per inner packaging</b>	<b>Maximum quantity<sup>+</sup> per outer packaging</b>
6.1 – UN 2485, n-BUTYL ISOCYANATE	I	0	0
6.1 – UN 2486, ISOBUTYL ISOCYANATE	I	0	0
6.1 – UN 2487, PHENYL ISOCYANATE	I	0	0
6.1 – UN 2488, CYCLOHEXYL ISOCYANATE	I	0	0
6.1 – UN 2521, DIKETENE, STABILIZED	I	0	0
6.1 – UN 2605, METHOXYMETHYL ISOCYANATE	I	0	0
6.1 – UN 2606, METHYL ORTHOSILICATE	I	0	0
6.1 – UN 2644, METHYL IODIDE	I	0	0
6.1 – UN 2646, HEXACHLOROCYCLOPENTADIENE	I	0	0
6.1 – UN 2668, CHLOROACETONITRILE	I	0	0
6.1 – UN 3023, 2-METHYL-2-HEPTANETHIOL	I	0	0
6.1 – UN 3079, METHACRYLONITRILE, STABILIZED	I	0	0
6.1 – UN 3246, METHANESULPHONYL CHLORIDE	I	0	0
6.1 – UN 3250, CHLOROACETIC ACID, MOLTEN	II	0	0
6.1 – UN 3381, TOXIC BY INHALATION, LIQUID, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	I	0	0
6.1 – UN 3382, TOXIC BY INHALATION, LIQUID, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	I	0	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**Schedule 4**                      **Part A – Quantity limits for dangerous goods  
in excepted quantities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Maximum quantity* per inner packaging</b>	<b>Maximum quantity+ per outer packaging</b>
6.1 – UN 3383, TOXIC BY INHALATION, LIQUID, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	I	0	0
6.1 – UN 3384, TOXIC BY INHALATION, LIQUID, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	I	0	0
6.1 – UN 3385, TOXIC BY INHALATION, LIQUID, WATER-REACTIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	I	0	0
6.1 – UN 3386, TOXIC BY INHALATION, LIQUID, WATER-REACTIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	I	0	0
6.1 – UN 3387, TOXIC BY INHALATION, LIQUID, OXIDIZING, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	I	0	0
6.1 – UN 3388, TOXIC BY INHALATION, LIQUID, OXIDIZING, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	I	0	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**Schedule 4                      Part A – Quantity limits for dangerous goods  
in excepted quantities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Maximum quantity* per inner packaging</b>	<b>Maximum quantity<sup>†</sup> per outer packaging</b>
6.1 – UN 3389, TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	I	0	0
6.1 – UN 3390, TOXIC BY INHALATION LIQUID, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	I	0	0
6.1 – UN 3488, TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	I	0	0
6.1 – UN 3489, TOXIC BY INHALATION LIQUID, FLAMMABLE, CORROSIVE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	I	0	0
6.1 – UN 3490, TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	I	0	0
6.1 – UN 3491, TOXIC BY INHALATION LIQUID, WATER-REACTIVE, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	I	0	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			

**Schedule 4**                      **Part A – Quantity limits for dangerous goods  
in excepted quantities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Maximum quantity* per inner packaging</b>	<b>Maximum quantity* per outer packaging</b>
6.1 – UN 3492, TOXIC BY INHALATION LIQUID, CORROSIVE, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 200 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 500 LC <sub>50</sub>	I	0	0
6.1 – UN 3493, TOXIC BY INHALATION LIQUID, CORROSIVE, FLAMMABLE, N.O.S. with an inhalation toxicity lower than or equal to 1000 ml/m <sup>3</sup> and saturated vapour concentration greater than or equal to 10 LC <sub>50</sub>	I	0	0
6.2	-	0	0
7	-	0	0
8	I	0	0
8 - except UN Nos. 2028, 2576	II	30	500
8 - except UN Nos. 2215 (MOLTEN), 2803, 2809	III	30	1000
8 – UN 2028, BOMBS, SMOKE, NON-EXPLOSIVE with corrosive liquid, without initiating device	II	0	0
8 – UN 2215, MALEIC ANHYDRIDE, MOLTEN	III	0	0
8 – UN 2576, PHOSPHORUS OXYBROMIDE, MOLTEN	II	0	0
8 – UN 2794, BATTERIES, WET, FILLED WITH ACID, electric storage	-	0	0
8 – UN 2795, BATTERIES, WET, FILLED WITH ALKALI, electric storage	-	0	0
8 – UN 2800, BATTERIES, WET, NONSPILLABLE, electric storage	-	0	0
8 – UN 2803, GALLIUM	III	0	0
8 – UN 2809, MERCURY	III	0	0
8 – UN 3028, BATTERIES, DRY, CONTAINING POTASSIUM HYDROXIDE SOLID, electric storage	-	0	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			



**Schedule 4                      Part A – Quantity limits for dangerous goods  
in excepted quantities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Maximum quantity* per inner packaging</b>	<b>Maximum quantity† per outer packaging</b>
9 - except UN Nos. 3090, 3091, 3480, 3481	II	30	500
9 - except UN Nos. 1845, 2807, 3257, 3258, 3268	III	30	1000
9 – UN 1845, CARBON DIOXIDE, SOLID (DRY ICE)	III	0	0
9 – UN 2807, MAGNETIZED MATERIAL †	III	0	0
9 – UN 2990, LIFE-SAVING APPLIANCES, SELF-INFLATING	-	0	0
9 – UN 3072, LIFE-SAVING APPLIANCES NOT SELF-INFLATING containing dangerous goods as equipment	-	0	0
9 – UN 3090, LITHIUM METAL BATTERIES (including lithium alloy batteries)	II	0	0
9 – UN 3091, LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT or LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT (including lithium alloy batteries)	II	0	0
9 – UN 3166, ENGINE, INTERNAL COMBUSTION or VEHICLE, FLAMMABLE GAS POWERED or VEHICLE, FLAMMABLE LIQUID POWERED †	-	0	0
9 – UN 3171, BATTERY-POWERED VEHICLE or BATTERY-POWERED EQUIPMENT †	-	0	0
9 – UN 3245, GENETICALLY MODIFIED MICROORGANISMS or GENETICALLY MODIFIED ORGANISMS	-	0	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			
† Not subject to controls for transport of dangerous goods on land or by sea, but controls may apply for transport by air.			

**Schedule 4**                      **Part A – Quantity limits for dangerous goods  
in excepted quantities (continued)**

<b>Class or division or product</b>	<b>Packing group</b>	<b>Maximum quantity* per inner packaging</b>	<b>Maximum quantity* per outer packaging</b>
9 – UN 3257, ELEVATED TEMPERATURE LIQUID, N.O.S., at or above 100°C and below its flash point (including molten metals, molten salts, etc.)	III	0	0
9 – UN 3258, ELEVATED TEMPERATURE SOLID, N.O.S., at or above 240°C	III	0	0
9 – UN 3268, AIR BAG INFLATORS, or AIR BAG MODULES, or SEATBELT PRETENSIONERS	III	0	0
9 – UN 3316, CHEMICAL KIT or FIRST AID KIT	-	0	0
9 – UN 3334, AVIATION REGULATED LIQUID, N.O.S. †	-	0	0
9 – UN 3335, AVIATION REGULATED SOLID, N.O.S. †	-	0	0
9 – UN 3359, FUMIGATED UNIT	-	0	0
9 – UN 3363, DANGEROUS GOODS IN MACHINERY or DANGEROUS GOODS IN APPARATUS	-	0	0
9 – UN 3480, LITHIUM ION BATTERIES (including lithium ion polymer batteries)	II	0	0
9 – UN 3481, LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT or LITHIUM ION BATTERIES PACKED WITH EQUIPMENT (including lithium ion polymer batteries)	II	0	0
Note: Some entries are subject to Special Provisions that modify the requirements for transport. In some cases the Special Provisions may specify additional controls or exclude the dangerous goods from transport controls.			
† Not subject to controls for transport of dangerous goods on land or by sea, but controls may apply for transport by air.			
* Note: Quantity is stated in grams for solids, milliliters for liquids and milliliters water capacity of the container for gases.			
+ Note: When dangerous goods with different quantity limits are packaged together, the quantity for the outer packaging is limited to the most restrictive quantity.			

PART B TESTS FOR PACKAGING FOR  
DANGEROUS GOODS IN EXCEPTED  
QUANTITIES

- 1 The complete package, as prepared for transport, must be able to withstand the tests in *paragraphs 4* and *5* without any inner packaging breaking or leaking and without significant reduction in the effectiveness of the packaging.
- 2 The tests in *paragraphs 4* and *5* may be carried out by any reasonable means and must be documented.
- 3 Inner packages must be prepared for the tests in *paragraphs 4* and *5* as follows:
  - (a) inner packagings for solids must be filled to 95% or more of their capacity; and
  - (b) inner packagings for liquids must be filled to 98% or more of their capacity; and
  - (c) subject to *paragraphs (d)* and *(e)*, a substance other than the one to be transported may be used for the purposes of testing except where this would invalidate the results of the tests; and
  - (d) when another substance is used for the packaging tests for solids, it must have the same physical characteristics (mass, grain size, etc) as the substance to be transported; and
  - (e) when another substance is used for the packaging tests for liquids, it must have a similar relative density and viscosity to those of the substance to be transported.

- 4 The complete package, as prepared for transport, must be dropped from a height of 1.8 m onto a rigid, non-resilient, flat and horizontal surface as follows:
- (a) a package in the shape of a box must be dropped in each of the following attitudes:
    - (i) flat on the base;
    - (ii) flat on the top;
    - (iii) flat on the longest side;
    - (iv) flat on the shortest side;
    - (v) on a corner; and
  - (b) a package in the shape of a drum must be dropped in each of the following attitudes:
    - (i) diagonally on the top chime, with the centre of gravity directly above the point of impact;
    - (ii) diagonally on the base chime, with the centre of gravity directly above the point of impact;
    - (iii) flat on the side.
- [Note: Each drop may be performed on different, but identical packages.]
- 5 The complete package, as prepared for transport, must have a force applied to its top surface for a period of 24 hours, equivalent to the weight of identical packages stacked to a height of 3 m, including the test package.

PART C EXCEPTED QUANTITIES MARK:



**Minimum dimensions of ‘Excepted Quantities Mark’:** 100 mm x 100 mm, printed in black or red on a contrasting background.

- \* Space for the class or division of all dangerous goods in excepted quantities in the package.
- \* \* Space for the name of the consignor or consignee, if not shown elsewhere on the package.”