

GUIDELINES FOR ENTERING INFORMATION ON A DANGEROUS GOODS DECLARATION & PACKING CERTIFICATE AS PER IMDG CODE

BOX NUMBER DESCRIPTION

1 Exporter's Street Address including post code and emergency contact 24 hr telephone number
Post Office Box address and 1800 telephone numbers MUST NOT BE USED.

2 Transport Document Number - Bill of Lading or Booking reference number (not mandatory for LCL shipments)

3 For some hazardous cargoes special information is required and should be attached to declaration.

Special certificates may need to be attached. Refer s.5.4.1 & s.5.4.4 of IMDG Code.

4 Shipper's reference - Order Number or consignment number (not mandatory for LCL or FCL shipments)

5 Freight forwarder's reference - eg: Booking Number or job number (not mandatory for LCL or FCL shipments)

6 Importer's street Address including post code and emergency contact 24 hr telephone number
Post Office Box address and 1800 telephone numbers MUST NOT BE USED.

7 Carrier's Name and Street Address (not mandatory for LCL or FCL shipments)

8 To be used in the event of a Multi-modal shipment also involving Air Freight (not mandatory for sea freight)

9 Any additional multimodal handling requirements. (not mandatory for LCL or FCL shipments unless applicable)

10 Vessels name and Voyage Number must be completed

11 The port of loading of the cargo on to the vessel

12 The port of discharge of the cargo on to the vessel

13 Final Destination of the Cargo if not the discharge port - important for Multimodal shipment.

14 Marks and Numbers as indicated on each package.

14a

Accurate description of the number, kind & type of packaging is required by many authorities. ie Number of bags or boxes or drums as described in the IMDG Code s.4, 5 & 6 including a description of inner and outer packing as per s.6.1.2. *Do not use 'pallets' or 'skids' or 'packages' unless permitted.*

14b

1. PROPER SHIPPING NAME only must be used - no brand names or chemical names are permitted. If PSN is of the N.O.S. type, must also include the active chemical constituent & % concentration.

2. IMDG Class: (must also include any Subsidiary risk if applicable)

3. UN number:

4. Packing Group:

Above 4 items must appear in the sequence 1-2-3-4 or 3-1-2-4 on the document at all times.

For NOS entries show appropriate segregation group as per s.3.1.4

NEQ: (if applicable)

Flashpoint or Control temperature or Emergency temperature: (where applicable)

Marine Pollutant - if applicable

EMS number:

DO NOT USE THE CLAUSE "SAID TO CONTAIN" OR "STC"

When empty or uncleaned container is shipped then the following remark must be added to PSN: the words "EMPTY UNCLEANED" or "RESIDUE LAST CONTAINED"

For Bulk Containers, add: *Bulk container BK2 approved by competent authority of...* (Refer Ch.4.3, 6.9,5.4) For Haz Waste the word "WASTE" shall precede the Proper Shipping Name. Refer Ch.7.8

For Limited Quantities the term "DANGEROUS GOODS IN LIMITED QUANTITY" must be included in addition to the above information. Refer Ch.3.4 of the IMDG Code.

14c This must show the GROSS weight of the hazardous cargo in kilograms or in pounds

14d This must show the NET weight of the hazardous cargo in kilograms or in pounds

14e This must show the gross volume of the hazardous cargo in cubic metres or cubic feet

15 Freight Container Number, the DG is packed in or the registration number if the DG is packed in a Vehicle. (Not mandatory for LCL, for FCL this is to be completed by packing company)

16 Number of the seal used to secure the container or vehicle (Not mandatory for LCL, for FCL this is to be completed by packing company)

17 Size and Type of container or vehicle: eg 20'GP or 20'HC or 40'HC etc (Not mandatory for LCL, for FCL this is to be completed by packing company)

18 Tare mass of the Container or vehicle (Not mandatory for LCL, for FCL this is to be completed by packing company)

19 Total Gross weight of the container: ie Total Gross weight from 14c above + other cargo + Tare Weight (Not mandatory for LCL, for FCL this is to be completed by packing company)

















20 Name of company packing, Place and date of packing, Name of authorised signatory & signature (Not mandatory for LCL, for FCL this is to be completed by packing company)

21 To be used for Multi-modal shipment when handing over cargo from one mode to another. (Not mandatory for LCL, for FCL this is to be completed by packing company if applicable)

22 Name of company (shipper), Place and date of packing, Name of authorised signatory & signature

This document constitutes a statutory declaration by the shipper and packer.

Dangerous Goods Class List

1	EXPLOSIVES (Detonators)		5.1	OXIDISING AGENTS (Nitrates)	
2.1	FLAMMABLE GASES (LP Gas)		5.2	ORGANIC PEROXIDES (M.E.K.P.)	
2.2	NON-FLAMMABLE NON-TOXIC GASES (Argon)		6.1	TOXIC SUBSTANCES (Cyanides)	
2.3	TOXIC GASES (Chlorine)		6.2	INFECTIOUS SUBSTANCES (Hospital Waste)	
3	FLAMMABLE LIQUIDS (Petrol)		7	RADIOACTIVE MATERIALS (For use on vehicles only)	
4.1	FLAMMABLE SOLIDS (Sulfur)		8	CORROSIVES (Sulfuric Acid)	
4.2	SPONTANEOUSLY COMBUSTIBLE SOLIDS OR LIQUIDS (Phosphorous White)		9	MISCELLANEOUS (Polystyrene Beads)	
4.3	DANGEROUS WHEN WET (Calcium Carbide)			MIXED CLASS LABEL	

Air Transport

IATA DGR, Section 9.3

Segregation of Packaged Dangerous Goods

Hazard	1	1.4S	2	3	4.2	4.3	5.1	5.2	8
1	Note 1	Note 2	↔	↔	↔	↔	↔	↔	↔
1.4S	Note 2								
2	↔								
3	↔					↔			
4.2	↔					↔			
4.3	↔								↔
5.1	↔				↔				
5.2	↔								
8	↔								↔

↔ Indicates Separation is required.

Note 1: The extent to which explosives can be stowed together is determined by their "compatibility". Refer to 9.3.2.2, IATA DGR.

Note 2: Explosives in Compatibility Group S may be stowed with explosives in all compatibility groups other than A and L.

Note 3: Division 4.1 and classes 6, 7 and 9 are not included, as they do not require segregation from other classes of DG.

Segregation of Dangerous Goods and General Freight

	Div. 2.2 Cryogenic Liquids only	Class 6 Toxic and Infectious	Class 7 II & III Yellow only	Class 9 Dry Ice only
Live Animals	↔	↔	↔	↔
Foodstuffs		↔		
Undeveloped Film			↔	
Food		↔		

↔ Indicates Separation is required.

Additional Air Transport Segregation Note: The above are minimum separation requirements only.

Shippers should refer to MSDS for compatibility when determining whether dangerous goods can be safely packed together. Operators must also check their DG Manual to determine any additional company requirements.

Sea Transport

IMDG Code, Section 7.2

The Dangerous Goods List shall always be consulted for segregation requirements that may apply to particular substances and these will take precedence over the general provisions.

Segregation shall also take into account a single subsidiary risk.

	1.1	1.2	1.3	1.4	2.1	2.2	2.3	3	4.1	4.2	4.3	5.1	5.2	6.1	6.2	7	8	9
1.1	1.2	1.3	1.4	2.1	2.2	2.3	3	4.1	4.2	4.3	5.1	5.2	6.1	6.2	7	8	9	
1.2	1.5	1.6																
1.3	*	*	*	4	2	2	4	4	4	4	4	4	4	4	4	4	4	X
1.4	*	*	*	4	2	2	4	3	3	4	4	4	4	4	4	4	4	X
1.5	*	*	*	4	2	2	4	3	3	4	4	4	4	4	4	4	4	X
1.6	*	*	*	4	2	2	4	3	3	4	4	4	4	4	4	4	4	X
2.1	4	4	4	2	X	X	2	1	2	2	2	2	2	2	2	2	2	X
2.2	2	2	2	1	X	X	1	X	1	X	X	1	X	X	2	1	X	X
2.3	2	2	2	1	X	X	2	X	2	X	X	2	X	2	2	1	X	X
3	4	4	4	2	2	2	2	X	2	2	2	2	X	3	2	X	X	
4.1	4	4	4	2	1	2	X	X	1	2	2	2	X	3	2	1	X	
4.2	4	4	4	2	1	2	2	1	X	1	2	2	1	3	2	1	X	
4.3	4	4	4	2	2	X	X	1	X	1	X	2	2	2	2	1	X	
5.1	4	4	4	2	2	X	X	2	1	2	2	2	1	3	1	2	X	
5.2	4	4	4	2	2	1	2	2	2	2	2	2	X	1	3	2	2	X
6.1	2	2	2	X	X	X	X	1	X	1	1	1	X	1	X	X	X	
6.2	4	4	4	4	2	2	3	3	3	3	3	3	1	X	3	3	X	
7	2	2	2	2	2	1	1	2	2	2	2	2	1	2	X	3	X	2
8	4	2	2	2	1	X	X	1	1	1	1	2	2	X	3	2	X	X
9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

1 "Away from" – Effectively segregated so that the incompatible goods cannot interact, but may be transported in the same compartment or hold or on deck, provided a minimum horizontal separation of 3 m, projected vertically, is obtained.

2 "Separated from" – In different compartments or holds when stowed under deck. Provided the intervening deck is resistant to fire and liquid, a vertical separation, i.e. in different compartments, may be accepted as equivalent to this segregation. For on deck stowage, this segregation means a separation by a distance of at least 6 m horizontally.

3 "Separated by a complete compartment or hold from" – Either a vertical or horizontal separation. If the intervening decks are not fire and liquid resistant, then only a longitudinal separation, i.e. by an intervening complete compartment or hold, is acceptable. For on deck stowage, this segregation means a separation by a distance of at least 12 m horizontally. The same distance has to be applied if one package is stowed on deck and the other one in an upper compartment.

4 "Separated longitudinally by an intervening complete compartment or hold from" – Vertical separation alone does not meet this requirement. Between a package under deck and one on deck, a minimum distance of 24 m, including a complete compartment, must be maintained longitudinally. For on deck stowage, this segregation means a separation by a distance of at least 24 m longitudinally. See 7.2.7.2, IMDG.

Australian Road Transport

ADG Code, Section 9.1

Goods are incompatible if, in this table, any of the following conditions are met:

- The primary hazard of one is incompatible with the primary hazard of the other, or
- The primary hazard of one is incompatible with the subsidiary risk of the other, or
- A subsidiary risk of one is incompatible with the subsidiary risk of the other.

Class or Division	1	2.1	2.2	2.3	3	4.1	4.2	4.3	5.1	5.2	6	7	8	9
1	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
2.1	(1)	O	O(3)	O	O(2)	N	N	N	N	N	O	N	O	O
2.2	(1)	O(3)	O	O(4)	O	O	O	O	O	N	O	O	O	O
2.3	(1)	O	O(4)	O	N	O	N	O	N	N	O	O	O	O
3	(1)	O(2)	O	N	O	O	N	O	N	O(6)	N	O	O	O
4.1	(1)	N	O	O	O	O	N	O	N	N	O	N	O	O
4.2	(1)	N	N	N	N	O	O	O	N	N	O	N	O	O
4.3	(1)	N	O	O	O	O	O	O	N	N	O	N	N	O
5.1	(1)	N	O	N	N	N	N	N	O(6)	N	O(6)	N	N	O(6)
5.2	(1)	N	N	N	N	N	N	N	O	O(6)	N	N	N	O(6)
6	(1)	O	O	O	O(6)	O	O	O	O(6)	O	O	O	O(6)	O
7	(1)	N	O	O	N	N	N	N	N	N	O	O	N	O
8	(1)	O	O	O	O	O	O	N	N	N	O(6)	N	O(6)	O
9	(1)	O	O	O	O	O	O	O	O(6)	O(6)	O	O	O	O
Food	(1)	O	O	N(8)	O	O	O	O	O	O	N(8)	N(8)	N(8)	O
Fire risk	(1)	O	O	O	O	O	O	O	O	O	O	O	O	O

IN THIS TABLE

O means compatible unless a numbered exception applies.
N means incompatible unless a numbered exception applies.

Exceptions:

- Explosives are incompatible in transport with all other dangerous goods in all quantities except as provided in the Australian Explosives Code or, for Division 1.4S, where 9.1.2.2.2 applies.
- Division 2.1 and Class 3 are incompatible in transport if both are in tanks or other receptacles with a capacity individually exceeding 500L.
- Division 2.1 is incompatible in transport with gases of Division 2.2 having a subsidiary risk 5.1 except when all are packed in cylinders or pressure drums not exceeding 500 L capacity.
- Division 2.3 is incompatible in transport with gases of Division 2.2 having a subsidiary risk 5.1 except when all are packed in cylinders or pressure drums not exceeding 500 L capacity.
- Class 5 is incompatible with those Class 6 or Class 9 materials that are fire-risk substances.
- Some specific examples of these Classes or Divisions are incompatible – see Table 9.2.
- See the Code of Practice for the Safe Transport of Radioactive Substances regarding the compatibility of Class 7 with undeveloped photographic film, personnel and mail.
- Food and food packagings are incompatible with these classes in all quantities, except where 9.1.2.3 applies.