

StraitShipping

Dangerous Goods Guide



Dangerous Goods Carriage Requirements

Introduction/Definitions

The purpose of this guide is to assist shippers in ensuring that all Dangerous Goods are loaded on vehicles in a manner that complies with the International Maritime Dangerous Goods Code (IMDG Code) for carriage of Dangerous Goods by sea. This guide does not replace but should be used in conjunction with the IMDG code.

Shippers are reminded that there may be variations between the land and maritime regulations, but whenever Dangerous Goods are loaded on to a Cook Strait ferry the IMDG Code requirements must be fully satisfied.

Strait Shipping Staff have been trained in the requirements for sea transport of Dangerous Goods and will be pleased to offer any assistance required to further explain the legal requirements that will ensure that the acceptance of your cargo is not jeopardised.

To further assist in the loading of vehicles to the IMDG Code we have attached the segregation tables, stowage Categories, Limited Quantity information and an explanation of our requirements for pre notification of DG shipments (DG Load Notification).

- **Placarding**
All vehicles carrying Dangerous Goods must be correctly placarded, which requires a placard for each class carried, to be displayed at both the front and rear of each vehicle.
- **Cargo Transport Unit**
Cargo Transport Unit means a road freight vehicle (Combined Truck and trailer, b-train or Semi), a railway wagon, a freight container, a road tank vehicle, a railway wagon or a portable tank.
- **All sailings are DG sailings**
The Term “DG sailing” or “Freight only sailing” means sailings where the number of passengers carried is limited to allow for the shipment of more restricted DG’s. All sailing are able to carry less restricted DG’s (Category A)

How to use this guide

Which sailing can the DG go on? (STOWAGE)

This is determined by the Stowage Category – Column 5 (Cat) of the UN Number list at the rear of this guide.

What the letter means:

Category	Vessel Stowage
A	Can be shipped on all sailings
B	Can be shipped on all sailings – Must be loaded on the top deck for passenger sailings
C	Can be shipped on all sailings – Must be loaded on the top deck
D	Can only be shipped on freight sailings – Must be loaded on the top deck
E	Can only be shipped on freight sailings

- * Check our current Sailing schedule for details of daily Freight only sailings www.strait.co.nz
- * Semi trailers may not be compatible with our vessels top decks.

**Can the DG be loaded in the same Cargo Transport unit as other DG's?
(SEGREGATION)**

This is determined using the Segregation Table in this guide.

Segregation Check Procedures

Compatibility must be checked between classes, including Sub-risks. If the two classes and/or sub-risk line up with a 1, 2, 3 or 4 then the substances cannot be shipped in the same Cargo Transport unit. An X generally means the substances are compatible. However, individual UN numbers may not be compatible. The only way to check this is to compare UN Numbers in column 16 of the IMDG code (Not this one) or call Strait Shipping to do this for you.

What the numbers mean:

1	Away from: Cannot be loaded in the same Cargo Transport Unit.
2	Separated from: Cannot be loaded in the same Cargo Transport Unit.
3	Cannot be loaded in the same Cargo Transport Unit.
4	Cannot be loaded in the same Cargo Transport Unit.
X	Can be loaded in the same Cargo Transport Unit. Segregation, if any, is shown in the Dangerous Goods list.

Limited Quantities

The IMDG provides for DG's that are being shipped in Limited Quantities. Substances transported in Limited Quantities are allocated stowage category 'A'. (Can be loaded in the same transport unit as other non compatible DG's and can be shipped on all sailings)

The quantities for "Limited Quantities" are found in Column 10 (Ltd Q's) of the UN Number list at the rear of this guide.

On the Dangerous Goods Declaration/ Load Notification the words "Limited Quantity" or "LTD QTY" shall be clearly included. Cargo Transport Units containing dangerous goods only in limited quantities shall be marked on the exterior as "LIMITED QUANTITIES" or "LTD QTY".

The total gross mass of an Outer Package shall not exceed 30 kgs, unless the Outer Package is shrink- or stretch-wrapped, in which case it shall not exceed 20 kgs. There is no limit to the number of Outer Packages or total weight that can be loaded in a Cargo Transport Unit.

Not to be shipped without prior consultation with Strait Shipping

Class	1	Explosives
Class	2.3	Toxic Gases
Class	7	Radioactive material

If in doubt please contact either Wellington or Picton Freight Terminals on 0800 162 322.

Strait Shipping Load Notification Procedures

For all Dangerous Goods loaded for transportation on Cook Strait by Strait Shipping a DG Load Notification must be submitted prior to shipment to enable IMDG compliance to be verified and vessel stowage planned.

The truck driver, or another authorised person, responsible for the loading of the truck that is booked for carriage, must submit a load notification form.

This should be submitted at the earliest opportunity to allow for processing so as to enable adjustments of the vehicle if errors are noted. Ideally it should be not less than four hours prior to sailing.)

The notification sheet submitted should ideally be on a Strait Shipping Load notification form but on occasion it could vary. An Interislander or internationally recognised form could be presented.

Copy of SSL DGLN

In each case the notification needs to contain the following information:

- UN Number
- Class and any sub-class
- Proper Shipping Name
- Packing Group (Flash point for farmable items)
- Weight
- Number of packages
- Limited Quantities (If applicable)
- Packaging size e.g. 500ml bottles, must be specified in the additional information field
- Vehicle stowage plan
- Be signed and dated the authorised person responsible for the loading.

IMDG Segregation Table – To be used for all vehicles shipped on Cook Strait

Class	1.1 1.2 1.5	1.3 1.6	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
Explosive 1.1 1.2 1.5	*	*	*	4	2	2	4	4	4	4	4	4	2	4	2	4	X
Explosive 1.3 1.6	*	*	*	4	2	2	4	3	3	4	4	4	2	4	2	2	X
Explosive 1.4	*	*	*	2	1	1	2	2	2	2	2	2	X	4	2	2	X
Flammable gas 2.1	4	4	2	X	X	X	2	1	2	X	2	2	X	4	2	1	X
Non-flammable gas 2.2	2	2	1	X	X	X	1	X	1	X	X	1	X	2	1	X	X
Toxic gas 2.3	2	2	1	X	X	X	2	X	2	X	X	2	X	2	1	X	X
Flammable liquid 3	4	4	2	2	1	2	X	X	2	1	2	2	X	3	2	X	X
Flammable solid** 4.1	4	3	2	1	X	X	X	X	1	X	1	2	X	3	2	1	X
Spontaneous combustible 4.2	4	3	2	2	1	2	2	1	X	1	2	2	1	3	2	1	X
Dangerous when wet 4.3	4	4	2	X	X	X	1	X	1	X	2	2	X	2	2	1	X
Oxidizing agents 5.1	4	4	2	2	X	X	2	1	2	2	X	2	1	3	1	2	X
Organic peroxide 5.2	4	4	2	2	1	2	2	2	2	2	2	X	1	3	2	2	X
Toxic substance 6.1	2	2	X	X	X	X	X	X	1	X	1	1	X	1	X	X	X
Infectious substance 6.2	4	4	4	4	2	2	3	3	3	2	3	3	1	X	3	3	X
Radioactive 7	2	2	2	2	1	1	2	2	2	2	1	2	X	3	X	2	X
Corrosive 8	4	2	2	1	X	X	X	1	1	1	2	2	X	3	2	X	X
Miscellaneous 9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Key	1	2	3	4	Must not be loaded in the same transport unit
	X	Can be loaded in the same transport unit - However, individual UN numbers may not be compatible. Compare UN numbers in column 16 of IMDG code or call Strait Shipping to do this for you			

