

### SHIPMENT OF HAZARDOUS CARGO

Please find in this document policies and procedures for carriage of Dangerous Goods.

This document is intended as a **Guideline only**.

It does not provide a comprehensive or exhaustive list of hazardous cargo classes or exceptions. For further clarification, please contact your local Eucon office or Agent.

#### General Rules

The majority of classes are divided into 3 packing groups.

The packing group is a grouping according to the degree of danger presented by hazardous materials or dangerous goods. It would also be an indicator of how many days it is allowed to be on a terminal.

PGI	Great Danger	Is rarely allowed in Limited Quantity **
PGII	Medium danger	
PGIII	Minor danger	

#### Correct Documentation /Placarding

It is imperative that **correct** documentation is presented in good time.

**Dangerous Goods Notes (DGN)** must (1) have Container Number (2) be signed by loader/packer and haulier prior to return to terminal and (3) be clear and precise in accordance with IMDG Chapter 5.4.1

**Pre-Dangerous Goods Notes** must be submitted a minimum of 24 hours before loading of container. This is crucial to ensure compliance with shipping regulations.

Shipper/Loader are responsible for ensuring that Hazardous Goods loading are compatible with each other, this should be done before loading of the container.

**Placards** must be applied by Loader/Shipper to container prior to going on the road.

This is a **legal requirement**

Additional Charges will incur if

- (a) extra placarding is required
- (b) wrong placards are placed on the containers
- (c) presenting incompatible cargoes.

#### CHARGES

Rotterdam (RST)	€250 / Set of 4 Placards Plus €60 for extra handling
Antwerp (PSA)	€150 including extra handlings
Dublin (DFT)	€125 / Set of 4 Placards Plus €100 for extra handling
Cork	€125 / Set of 4 Placards Plus €100 for extra handling
€250 per booking	For presenting incompatible/incomplete/incorrect DGN

**Reminder** Shippers can check if various UN's are compatible and the correct placards required by using a reputable websites for a small fee.

**Class 1 Explosives / Munitions / Detonators / Fireworks**



Shipment of Class 1 Cargoes Require the following:-

1. Pre-approval by Eucon DGSA & OPS Rotterdam
2. Permission to Land - Request to Agent @ Port of Discharge  
Request to Harbour Authority @ Port of Discharge
3. Import Licences / Permits must be in place
4. Police / Army escort on delivery - *Direct ex. Ship*
5. Shipment on Quay/Quay basis only

CLASS 1 on Eucon direct operated ship services only. RTMCRK & RTMBEL not possible

**Class 2 Gases**



- |            |   |   |
|------------|---|---|
| <b>2.1</b> | UN 2186<br>UN 2421<br>UN 2455<br>UN 1017<br>UN 1040 | Not Accepted<br>Not Accepted<br>Not Accepted<br>Not accepted on rail<br>Not Accepted in Eucon containers<br>Accepted in Shipper Own (SO) container Quay/Quay only |
| <b>2.2</b> | <b>Refer to:</b><br>UN 1070                         | <b>Antwerp Special Provisions</b><br>Not accepted for shipping unless precleared with Eucon DGSA & Revenue C&E in advance of loading to container                 |

- 2.3** UN1001 Not Accepted by Eucon  
Cargoes containing POISONOUS gases must be collected directly from vessel.  
They are not permitted to stay on quay

**Antwerp Special Provisions**

The following UN numbers which are classified under IMDG Code **Class 2.3** & are subject to the provisions of "very toxic gases"

1008	1053	1582	1911	2188	2195	2417	2676
1017	1067	1589	1975	2189	2196	2418	2901
1026	1069	1612		2190	2198	2420	3083
1045	1076	1660		2191	2199	2421	
1048	1079	1749		2192	2202	2534	
1053	1581	1859		2194	2204	2548	

### Class 3 Flammable Liquids



### Class 4 Flammable Solids / Self Reactive Substances / Desensitized Explosives



- 4.1**
- |           |   |
|-----------|---|
| UN 2556   | Not Accepted  |
| UN 2907   | Prior approval by DGSA & Antwerp Operations Manager<br>Restricted to 1,000 kgs in Antwerp |
| UN3097    | Not Accepted  |
| UN 3234 * | Not Accepted<br>* Temp controlled / Waste self-reactive                                   |

### 4.2 Spontaneous Combustion

- |         |              |
|---------|--------------|
| UN 3127 | Not Accepted |
| UN 3255 | Not Accepted |
| UN 3133 | Not Accepted |

### Class 5 Oxidising Substances



- 5.1** **Removal from Terminals within 24 hours of Discharge**  
Refer to **Antwerp Special Provisions**  
Special permissions required at Irish Ports - Refer to local Eucon Port Agent  
A special Category of Class 5.1 Dangerous Goods is **Ammonium Nitrates** which is liable to self-heating sufficient to initiate decomposition. It is prohibited from transport under IMDG Code and is therefore not accepted with the exception of:-  
UN 1942 / UN 2067 / UN2071/2426/3375

#### **PRIOR Approval by DGSA for the following:-**

- |         |         |         |
|---------|---------|---------|
| UN 1479 | UN 1942 | UN 2880 |
| UN 1745 | UN 2208 | UN 3100 |
| UN 1746 | UN 2426 | UN 3121 |
| UN 1748 | UN 2495 | UN 3137 |
| UN 1749 | UN 2548 | UN 3375 |

- 5.2** **Organic Peroxides** Must be collected directly ex Vessel

**Class 6 Toxic Substances**



**6.1** PRE-approval by Eucon DGSA & OPS Rotterdam

"Carbofuran" Toxic Pesticides

Hydrogen cyanide refer to ADR

Metal carbonyls FP below 23°C

2,3,7,8-Tetrachlorodibenzo-P-Dioxine

Preparations of phosphides without additive

Infectious substances

**6.2** **Not Accepted**

- UN 3291** Clinical Waste / Infectious Substances
- UN 2814** Infectious Substance
- UN 3373** Infectious Substance
- UN 2900** Infectious Substance – *affecting animals only*

**Class 7 Radioactive**

**Not Accepted**



**Class 8 Corrosives**



- UN 1798** Nitro hydrochloric Acid - **Not Accepted**

**Class 9      Miscellaneous**

**Dangerous Substances & Articles**



UN 2211

Polymeric Beads – Pre-approval Required Eucon DGSA  
If approved shipment in ventilated CTU. Refer IMDG SP965  
NB. 45OS is NOT considered a ventilated unit.

UN 2212  
UN 2590  
UN 2315 /  
EWC 130101  
UN 3432 /  
EWC 160209

Asbestos - Blue / Brown or White –  
**Not Accepted in Eucon Units**

Pre-approval Required.  
Eucon reserve right to decline.  
Pre-approval Required.  
Eucon reserve right to decline.

UN 3151

**Not Accepted**

UN 3152

**Not Accepted**

UN 3480  
UN 3481  
UN 3490  
UN 3491

Lithium Ion Batteries / WB / FCL /  
Contact Eucon DSGA. See Addendum (i)

**NOT ACCEPTED in  
EUCON REEFERS  
NOT ACCEPTED in  
EUCON CONTAINERS**

WASTES

HAZ WASTES

MBM (Meat & Bone Meal) CAT 3 Waste

**Note**

Each Port has its own Haz bye laws and regulations.  
Each DG class has time limits that it is allowed to stay on quay.  
For further information see following links / docs.  
Links to Bye laws for Each Port

Port of Antwerp      <https://www.portofantwerp.com/en/poa-dghandlings>

Port of Cork      <https://www.portofcork.ie/port-of-cork-bye-laws/>

Port of Dublin      <https://www.dublinport.ie/wp-content/uploads/2016/08/DPC-DGC-Bye-laws-Class-2-to-9-2014-Final-Version.pdf>

Port of Rotterdam      <https://www.portofrotterdam.com/sites/default/files/2023-12/rotterdam-port-by-laws-2020-july-2023.pdf>

**ADDENDUM (i)**

**Lithium Ion Batteries / Class 9**

**UN 3480/3481/UN3090/3091** must be checked in advance for acceptance due to risks involved and the increasing number of fires on land and onboard of vessels. Such fires cannot be extinguished and are an ever increasing risk.

Eucon can and do accept bookings with agreement & pre checks.

Eucon reserve the right to decline these cargoes if conditions are not met. These include:-

1. Dangerous Goods Notes (DGN) for Class 9 must clearly specify both inner and outer packaging as well as types of UN approved packaging used.
2. Batteries need to be packed in inner packaging that completely surrounds them, eg. a fiberboard box. This prevents short circuits.
3. Inner packaging must be packed in strong, rigid outer packaging eg. wood, fiberboard, or metal box. This provides impact and crush protection.
4. To negate risk of friction which could cause a fire, **DGN must be signed by loader/packer as a guarantee the commodity is correctly loaded and packaged** prior to loading / accepting of container on board vessel.
5. **Lithium Batteries** require both inner and outer packaging, along with sufficient cushioning material.

Packages must be sealed securely and be able to contain leaks in the event of electrolyte spills. Any packaging damages, like punctures or tears, make it unsuitable for shipment.

Batteries must be secured upright to avoid short circuits. Shipments also require segregation from unnecessary heat sources.

Vessels require this information as units need to be treated as full hazardous loads, despite implications and interpretations of Special Provisions.

Special attention needs to be paid, in particular to Waste/Recycled batteries.