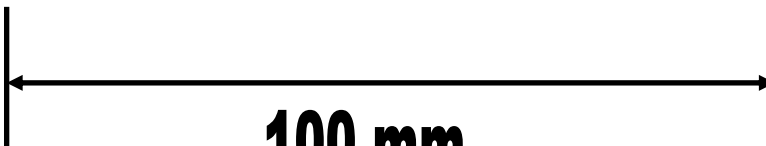


# “Environmentally Hazardous Substance”

## Mark for Dangerous Goods by Sea



### Marks:

Every package, IBC and CTU and tank carrying marine pollutant must be marked with the environmentally hazardous substance mark as shown.

### Exemptions:

As per section 2.10.2.7 of IMDG Code Marine pollutants packaged in single or combination packaging's containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to any other provisions of IMDG Code relevant to marine pollutants provided the packaging's meet the general provisions as mentioned in sections 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 of IMDG Code.

According to this exemption a cargo which has no other properties of another hazard class but only a marine pollutant which as solid is transported under UN No. 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. or as liquid is transported under UN 3082 HAZARDOUS SUBSTANCE, LIQUID, N.O.S., when packed 5 kg or 5 liters less than per pack need not be marked, labelled placarded or documented or stowed as MARINE POLLUTANT.



This mark must be a square set at 45 Deg angle, that is diamond shape. The symbol fish and tree must always be black in a background of white or any suitable contrasting color. The line forming this diamond shape must be 2 mm and the size must be 100 x 100 mm

100 mm



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100 mm

## **How does IMDG Code identify a substance as marine pollutant ?**

IMDG Code identifies marine pollutants with a symbol "P" in column 4 of dangerous goods list in chapter 3.2. The IMDG does not identify all marine pollutants so check the Safety Data Sheet (SDS) for your material. If your marine pollutant refers to a generic description then the ingredient that is the marine pollutant must be shown in round brackets following the proper shipping name e.g.

UN1263, paint (trimethylbenzene) class 3 PG III, flash point 27°C, marine pollutant.

Refer section 1.3.2.9 of the IMDG.

Appendix of annex III of MARPOL is consistent with classification of environmentally hazardous substance in Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

## **Marks:**

This mark must be a square set at 45 Deg angle, that is diamond shape. The symbol fish and tree must always be black in a background of white or any suitable contrasting color. The line forming this diamond shape must be 2 mm and the size must be 100 x 100 mm.

Every package, IBC and container and tank carrying marine pollutant must be marked with the environmentally hazardous substance mark as shown.

## **Size of Marine Pollutant mark:**

On packages and IBCs size must be 100 x 100 mm. When these packages and IBCs are loaded into a CTU all four sides of the CTU must be marked with 250 x 250 mm marine pollutant marks. When solid or liquid marine pollutants are loaded in a tank container the mark must be 250 x 250 mm size.

## **Durability of Marine Pollutant Mark:**

Durability of marine pollutant mark must be such that it is still identifiable on packages and containers/tanks surviving at least three months' immersion in the sea.

## **Documentation:**

For any substance which is a marine pollutant on the Dangerous goods declaration, The words "MARINE POLLUTANT" must be added to the description. This may be supplemented with term ENVIRONMENTALLY HAZARDOUS.

## **Exemptions:**

As per section 2.10.2.7 of IMDG Code Marine pollutants packaged in single or combination packaging's containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to any other provisions of IMDG Code relevant to marine pollutants provided the packaging's meet the general provisions as mentioned in sections 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8 of IMDG Code.

According to this exemption a cargo which has no other properties of another hazard class but only a marine pollutant which as solid is transported under UN No. 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. or as liquid is transported under UN 3082 HAZARDOUS SUBSTANCE, LIQUID, N.O.S., when packed 5 kg or 5 liters less than per pack need not be marked, labelled placarded or documented or stowed as MARINE POLLUTANT.