

# HAZARDOUS GUIDE

## A breakdown of the haz classes and what they mean

Hazardous goods have been classified into nine different classes by the IMO (International Maritime Organisation) a table below will act as a quick guide to what type of goods come under what hazardous classification.

Title	Description
	<b>Class 1 - Explosives</b> 1.1 Substances with the hazard of potential mass explosion 1.2 Projection hazardous but no mass explosion hazard 1.3 Substances which present a fire hazard and also a minor blast or projection hazard, or both but without the risk of mass explosion. 1.4 No significant hazard 1.5 Insensitive substance, but mass explosion potential 1.6 Insensitive article, but with no mass explosion potential
	<b>Class 2 - Gases; compressed, liquefied, or dissolved under pressure</b> 2.1 Flammable gases 2.2 Non flammable, non toxic gases 2.3 Toxic gases
	<b>Class 3</b> Flammable liquids of all kinds
	<b>Class 4 - Flammable solids</b> 4.1 Flammable solids, self reactive substances and solid desensitized explosives 4.2 Substance that can potentially spontaneously combust 4.3 Substance which emits flammable gas when in contact with water
	<b>Class 5 - Oxidizing substances and organic peroxides</b> 5.1 Oxidizing substances emitting oxygen which increase risk and severity of fire 5.2 Organic peroxides - highly flammable and sensitive to friction/impact
	<b>Class 6 - Toxic and Infectious substances</b> 6.1 Substances of Toxic Nature 6.2 Infectious substances
	<b>Class 7</b> Radioactive substances and articles of all kinds
	<b>Class 8</b> Corrosive substances of all kinds
	<b>Class 9</b> Miscellaneous dangerous substances of all kinds

### Packing groups

The hazardous class will also have a certain requirement for the level of packing group it requires to safely transport it. The lower the number of the packing group, the higher the risk of the product. Products/substances that are very dangerous will be shipped using Packing Group I for example, those of a medium danger level go in Packing Group II, and those of the lowest risk go into Packing Group III



**Millennium  
Cargo**

✉ info@millenniumcargo.com  
☎ +44(0) 121 311 0550  
🌐 www.millenniumcargo.com

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www.millenniumcargo.com