
















## Classification of Dangerous Goods

Class	Description	Example	Class Diamonds
1	Explosive	Emulsion, Fireworks, Ammunition, Gelignite	 An orange diamond-shaped hazard label with a black explosion symbol at the top. Below the symbol, the word "EXPLOSIVE" is written in black, followed by a small black asterisk and the number "1" at the bottom.
2.1	Flammable Gas	Butane, Gas Depots, Acetylene, Hydrogen LPG	 A red diamond-shaped hazard label with a black flame symbol at the top. Below the symbol, the words "FLAMMABLE GAS" are written in black, followed by the number "2" at the bottom.
2.2	Non-flammable, Non toxic gas	Nitrogen, Carbon Dioxide, Refrigerant Gases	 A green diamond-shaped hazard label with a black gas cylinder symbol at the top. Below the symbol, the words "NON FLAMMABLE" and "NON TOXIC GAS" are written in black, followed by the number "2" at the bottom.
2.3	Toxic Gas	Chlorine (gas), Ammonia	 A white diamond-shaped hazard label with a black skull and crossbones symbol at the top. Below the symbol, the words "TOXIC GAS" are written in black, followed by the number "2" at the bottom.

Class	Description	Example	Class Diamonds
3	Flammable Liquid	Ethanol, Methanol, Hexane	 A red diamond-shaped hazard label with a black flame icon at the top. The text "FLAMMABLE LIQUID" is in the center, and the number "3" is at the bottom.
4.1	Flammable Solids	Sulphur	 A diamond-shaped hazard label with a black flame icon at the top. The background has vertical red and white stripes. The text "FLAMMABLE SOLID" is in the center, and the number "4" is at the bottom.
4.2	Spontaneously Combustible	White phosphorous, Activated carbon	 A diamond-shaped hazard label with a black flame icon at the top. The background is white with a red horizontal band at the bottom. The text "SPONTANEOUSLY COMBUSTIBLE" is in the center, and the number "4" is at the bottom.
4.3	Dangerous When Wet	Sodium metal, Calcium carbide	 A blue diamond-shaped hazard label with a black flame icon at the top. The text "DANGEROUS WHEN WET" is in the center, and the number "4" is at the bottom.

Class	Description	Example	Class Diamonds
5.1	Oxidizing Agent	Sodium peroxide, Calcium hypochlorite (pool chlorine)	
5.2	Organic Peroxide	Methyl Ethyl Ketone peroxide	
6.1	Toxic substances	Sodium cyanide	
6.2	Infectious Substances	Clinical or medical waste	

Class	Description	Example	Class Diamonds
7	Radioactive substances	Tritium	 <p>A yellow diamond-shaped hazard label with a black radiation symbol at the top. Below the symbol, the word "RADIOACTIVE" is written in black capital letters. At the bottom of the diamond, the number "7" is displayed.</p>
8	Corrosives	Hydrochloric Acid, Sodium Hydroxide	 <p>A white diamond-shaped hazard label with a black border. The top half contains a black pictogram of two test tubes pouring liquid onto a hand and a surface. Below the pictogram, the word "CORROSIVE" is written in black capital letters. At the bottom of the diamond, the number "8" is displayed.</p>
9	Miscellaneous Dangerous Goods	Asbestos, dry ice	 <p>A white diamond-shaped hazard label with a black border. The top half features a black bar code-like pattern of vertical bars of varying heights. Below this pattern, the words "MISCELLANEOUS DANGEROUS GOODS" are written in black capital letters. At the bottom of the diamond, the number "9" is displayed.</p>