

WHMIS 2015 retains the use of class symbols:

Symbols

Description

Name: Flame

Meaning: Oxidizer

Classes and Categories

- Flammable gases (Category 1)
- Flammable aerosols (Category 1 and 2)
- Flammable liquids (Category 1, 2 and 3)
- Flammable solids (Category 1 and 2)
- Pyrophoric liquids (Category 1)
- Pyrophoric solids (Category 1)
- Pyrophoric gases (Category 1)
- Self-heating substances and mixtures (Category 1 and 2)
- Substances and mixtures which, in contact with water, emit flammable gases (Category 1, 2 and 3)
- Self-reactive substances and mixtures (Types B*, C, D, E and F)
- Organic peroxides (Types B*, C, D, E and F)



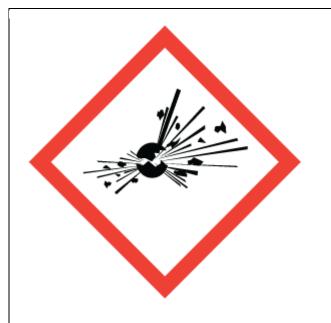
Name: Flame Over Circle

Meaning: Flammable, Self-Reactive, Pyrophoric, Self-heating, In Contact With Water, Emits Flammable Gases, Organic Peroxide

Classes and Categories

- Oxidizing gases (Category 1)
- Oxidizing liquids (Category 1, 2 and 3)
- Oxidizing solids (Category 1, 2 and 3)





Name: Exploding Bomb

Meaning: Explosive**, Self-Reactive (severe), Organic Peroxide (severe)

Classes and Categories

 Self-reactive substances and mixtures (Types A and B*)

Organic peroxides (Types A and B*)



Name: Gas Cylinder

Meaning: Gas Under Pressure

Classes and Categories

 Gases under pressure (Compressed gas, Liquefied gas, Refrigerated liquefied gas, and Dissolved gas)

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Name: Gas Cylinder

Meaning: Acute Toxicity (fatal or toxic)
Classes and Categories

Oral (Category 1, 2 and 3)Dermal (Category 1, 2 and 3)

Inhalation (Category 1, 2 and 3)



Name: Corrosion

Meaning: Serious Eye Damage, Skin Corrosion, Corrosive to Metals

Classes and Categories

• Corrosive to metals (Category 1)

 Skin corrosion/irritation – Skin corrosion (Category 1, 1A, 1B and 1C)

Serious eye damage/eye irritation –
 Serious eye damage (Category 1)

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Name: Exclamation Mark

Meaning: Irritation (skin or eyes), Skin Sensitization, Acute Toxicity (harmful), Specific Target Organ Toxicity (drowsiness or dizziness, or respiratory irritation), Hazardous to the Ozone Layer**

Classes and Categories

- Acute toxicity Oral, Dermal, Inhalation (Category 4)
- Skin corrosion/irritation Skin irritation (Category 2)
- Serious eye damage/eye irritation –
 Eye irritation (Category 2 and 2A)
- Respiratory or skin sensitization Skin sensitizer (Category 1, 1A and 1B)
- Specific target organ toxicity Single exposure (Category 3)



Name: Health Hazard

Meaning: Carcinogenicity, Respiratory Sensitization, Reproductive Toxicity, Target Organ Toxicity, Germ Cell Mutagenicity, Aspiration Hazard

Classes and Categories

- Respiratory or skin sensitization –
 Respiratory sensitizer (Category 1, 1A and 1B)
- Germ cell mutagenicity (Category 1, 1A, 1B and 2)
- Carcinogenicity (Category 1, 1A, 1B, and 2)
- Reproductive toxicity (Category 1, 1A, 1B and 2)
- Specific Target Organ Toxicity –
 Single exposure (Category 1 and 2)
- Specific Target Organ Toxicity –
 Repeated exposure (Category 1 and 2)
- Aspiration hazard (Category 1)





Name: Environment

Meaning: Aquatic Toxicity**

May cause damage to the aquatic

environment



Name: Biohazardous

Meaning: Biohazardous Infectious Materials

Classes and Categories

Biohazardous Infectious Materials
 (Catagory 4)

(Category 1)

WHMIS 1988 (Old) Symbols with meaning

WHMIS 1988 retains the use of class symbols: The following table shows the pictograms. The name of each pictogram is in bold type. The words in the brackets describe the hazard.

Symbols	Hazard class	Meaning
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^{*} Both the Flame and Explosive pictogram are used for Self-reactive substances and mixtures (Type B) and Organic peroxides (Type B)

^{**} Not required by WHMIS 2015, but may be used.



CLASS A	Compressed Gas
CLASS B	Flammable and Combustible Material
CLASS C	Oxidizing Material
CLASS D1	Poisonous and Infectious Material (causing immediate and serious effects)
CLASS D2	Poisonous and Infectious Material (causing other toxic effects)



CLASS D3	Poisonous and Infectious Material (Biohazardous Infectious Material)
CLASS E	Corrosive Material
CLASS F	Dangerously Reactive Material

Reference: https://www.ccohs.ca/WHMISpictograms.html