

WHMIS 2015 retains the use of class symbols:

Symbols	Description
	<p><b>Name: Flame</b></p> <p><b>Meaning:</b> <i>Oxidizer</i></p> <p><b>Classes and Categories</b></p> <ul style="list-style-type: none"> <li>• Flammable gases (Category 1)</li> <li>• Flammable aerosols (Category 1 and 2)</li> <li>• Flammable liquids (Category 1, 2 and 3)</li> <li>• Flammable solids (Category 1 and 2)</li> <li>• Pyrophoric liquids (Category 1)</li> <li>• Pyrophoric solids (Category 1)</li> <li>• Pyrophoric gases (Category 1)</li> <li>• Self-heating substances and mixtures (Category 1 and 2)</li> <li>• Substances and mixtures which, in contact with water, emit flammable gases (Category 1, 2 and 3)</li> <li>• Self-reactive substances and mixtures (Types B*, C, D, E and F)</li> <li>• Organic peroxides (Types B*, C, D, E and F)</li> </ul>
	<p><b>Name: Flame Over Circle</b></p> <p><b>Meaning:</b> <i>Flammable, Self-Reactive, Pyrophoric, Self-heating, In Contact With Water, Emits Flammable Gases, Organic Peroxide</i></p> <p><b>Classes and Categories</b></p> <ul style="list-style-type: none"> <li>• Oxidizing gases (Category 1)</li> <li>• Oxidizing liquids (Category 1, 2 and 3)</li> <li>• Oxidizing solids (Category 1, 2 and 3)</li> </ul>



**Name: Explosive 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)



**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)



**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 (Category 1)

\* 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.

## 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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	<p>CLASS A</p>	<p><b>Compressed Gas</b></p>
	<p>CLASS B</p>	<p><b>Flammable and Combustible Material</b></p>
	<p>CLASS C</p>	<p><b>Oxidizing Material</b></p>
	<p>CLASS D1</p>	<p><b>Poisonous and Infectious Material</b> (<i>causing immediate and serious effects</i>)</p>
	<p>CLASS D2</p>	<p><b>Poisonous and Infectious Material</b> (<i>causing other toxic effects</i>)</p>

	CLASS D3	<b>Poisonous and Infectious Material</b> <i>(Biohazardous Infectious Material)</i>
	CLASS E	<b>Corrosive Material</b>
	CLASS F	<b>Dangerously Reactive Material</b>

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