



Appendix C4 – Pictograms and Hazard Communication Standard Labels

Health Hazards



Corrosive Hazard



Acute Toxicity Hazard



General Hazard



Health Hazard

Environmental Hazards



Environmental Hazard

Physical Hazards



Explosive Hazard



Flammable Hazard



Oxidizing Hazard



Compressed Gas Hazard



Corrosive Hazard





Transportation Hazards

				
Explosives	Flammable Gases	Non-Flammable Non-Toxic Gases	Toxic Gases	Flammable Liquids
				
Flammable Solids	Spontaneous Combustion	Water Reactive	Oxidizing Substances	Organic Peroxides
				
Corrosive Substances				



Health Hazard



The red frame around the white diamond contains a black silhouette of a person's head and torso with a white star shape spreading through the chest area. This symbol indicates:

- Carcinogen
- Mutagenicity
- Reproductive Toxicity
- Respiratory Sensitizer
- Target Organ Toxicity
- Aspiration Toxicity

Gas Cylinder



The red frame around the white diamond contains a black shape like a rolling pin missing one handle. This symbol indicates:

- Gases Under Pressure



Flame Over Circle



The red frame around the white diamond contains a black circle resting on a black line with black flames on top of the black circle. It looks like the circle is on fire. This symbol indicates:

- Oxidizers

Flame



The red frame around the white diamond contains a white flame within black flames above a black line. This symbol indicates:

- Flammables
- Pyrophoric
- Self-Heating
- Emits Flammable Gas
- Self-Reactives
- Organic Peroxides



Corrosion



The red frame around the white diamond contains an image of two test tubes. One tube pours dripping liquid onto a solid black line, and the other tube drips liquid onto a hand. Both the solid line and hand image are eaten away where the liquids splash, emitting fumes. This symbol indicates:

- Skin Corrosion / Burns
- Eye Damage
- Corrosive to Metals

Environment

(Non-Mandatory for OSHA)



The red frame around the white diamond contains a black leafless tree silhouette and an upside-down fish image, both looking dead. This symbol indicates:

- Acute and/or chronic Aquatic Toxicity



Exclamation Mark



The red frame around the white diamond contains a large black exclamation point in the center. This symbol indicates:

- Irritant (skin and eye)
- Skin Sensitizer
- Acute Toxicity
- Narcotic Effects
- Respiratory Tract Irritant
- Hazardous to Ozone Layer (Non-Mandatory)

Exploding Bomb



The red frame around the white diamond contains a black round shape breaking apart with radiating black lines and fragments being ejected. This symbol indicates:

- Explosives
- Self-Reactive
- Organic Peroxides




Skull and Crossbones



The red frame around the white diamond contains the image of a human skull with two bones crossed at an angle behind it. This symbol indicates:

- Acute Toxicity (fatal or toxic)


Hazard Communication Standard Labels





Hazard Communication Standard Labels

All hazardous chemical labels are required to have pictograms, a signal word, hazard and precautionary statements, the product identifier, and supplier identification with a U.S. address and telephone number. A sample label, identifying the required label elements, is shown on the right.

Supplemental information can also be provided on the label as needed.

For more information:
 **Occupational Safety and Health Administration**
www.osha.gov (800) 321-OSHA (6742)

SAMPLE LABEL

CODE _____ Product Name _____	Hazard Pictograms   Signal Word Danger
Company Name _____ Street Address _____ City _____ State _____ Postal Code _____ Emergency Phone Number _____	Hazard Statements Highly flammable liquid and vapor. May cause liver and kidney damage.
- Keep container tightly closed. Store in a cool, well-ventilated place that is locked. - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. - Use non-sparking tools. - Use explosion-proof electrical equipment. - Take action to prevent static discharge. - Ground and bond container and receiving equipment. - Do not breathe vapors. - Wear protective gloves. - Do not eat, drink or smoke when using this product. - Wash hands thoroughly after handling. - Dispose of contents and container in accordance with local, regional, national, international regulations as specified.	Precautionary Statements Wash hands thoroughly after handling.
In Case of Fire: use dry chemical (BC) or Carbon Dioxide (CO ₂) fire extinguisher to extinguish. First Aid If exposed or concerned call Poison Center: 1-800-222-1222 If on skin (or hair): Take off immediately any contaminated clothing. Rinse skin with water.	Supplemental Information Directions for Use _____ _____ Fill weight: _____ Lot Number: _____ Gross weight: _____ Fill Date: _____ Expiration Date: _____

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