

Understanding HCS pictograms and chemical hazards



The Hazard Communication Standard (HCS) requires pictograms on labels to alert users of the chemical hazards to which they may be exposed. Each pictogram consists of a symbol on a white background framed within a red border and represents a distinct hazard(s). The pictogram on the label is determined by the chemical hazard classification.

HCS Pictograms and Hazards



Health Hazard

Carcinogen
Mutagenicity
Reproductive Toxicity
Respiratory Sensitizer
Target Organ Toxicity
Aspiration Toxicity



Flame

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



Exclamation Mark

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



Gas Cylinder

Gases Under Pressure



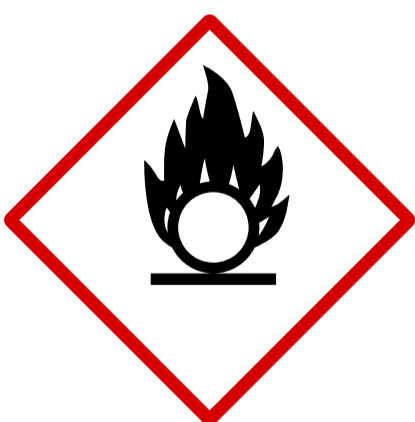
Corrosion

Skin Corrosion/ Burns
Eye Damage
Corrosive to Metals



Exploding Bomb

Explosives
Self-Reactives
Organic Peroxides



Flame Over Circle

Oxidizers



Environment (Non-Mandatory)

Aquatic Toxicity



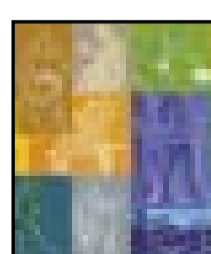
Skull and Crossbones

Acute Toxicity (fatal or toxic)

For more information:



U.S. Department of Labor



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OSHA 3491-01R 2016