










HAZCOM PICTOGRAMS

The Globally Harmonized System (GHS) and the Hazard Communication Standard (HCS) require universal pictograms to be displayed on labels to alert users of the chemical hazards to which they may be exposed.

GHS PICTOGRAMS		
Health Hazard  <ul style="list-style-type: none">• Carcinogen• Mutagenicity• Reproductive Toxicity• Respiratory Sensitizer• Target Organ Toxicity• Aspiration Toxicity	Flame  <ul style="list-style-type: none">• Flammables• Pyrophorics• Self-Heating• Emits Flammable Gas• Self-Reactives• Organic Peroxides	Exclamation Mark  <ul style="list-style-type: none">• Irritant (skin and eye)• Skin Sensitizer• Acute Toxicity (harmful)• Narcotic Effects• Respiratory Tract Irritant• Hazardous to Ozone Layer (Non-Mandatory)
Gas Cylinder  <ul style="list-style-type: none">• Gases Under Pressure	Corrosion  <ul style="list-style-type: none">• Skin Corrosion/ Burns• Eye Damage• Corrosive to Metals	Exploding Bomb  <ul style="list-style-type: none">• Explosives• Self-Reactives• Organic Peroxides
Flame Over Circle  <ul style="list-style-type: none">• Oxidizers	Environment (Non-Mandatory)  <ul style="list-style-type: none">• Aquatic Toxicity	Skull and Crossbones  <ul style="list-style-type: none">• Acute Toxicity (fatal or toxic)

- The GHS (international standard) has 9 pictograms that are used on hazardous products.
- OSHA's HCS requires 8 of these pictograms on hazardous chemical labels. *The Environment pictogram is non-mandatory because environmental hazards are not within OSHA's jurisdiction.*
- Each pictogram consists of a symbol on a white background framed within a red border and represents a distinct hazard or set of hazards.
- Workers should become familiar with these images and the hazards they represent.
- Labels on hazardous chemical containers must remain legible and should not be defaced or removed.
- SDSs must be readily accessible to employees.

- Workers have the right to know and understand the hazardous properties of the chemicals in the workplace to which they may be exposed.

Discussion

Image: OSHA Quick Card 3491

Why are pictograms important in hazard communication?

What does it mean if a chemical label shows more than one pictogram?