

How to Read a Globally Harmonized System (GHS) Chemical Label

Supplier Identification

This is the name address and phone number of the manufacturer or supplier

Product Name or Identifier
Should match the Safety Data sheet

Hazard Pictograms
Graphical symbols to convey specific hazard information.

Signal Word
Indicates the relative level of severity of the hazard and alerts the reader to potential risks. The GHS signal words are "Danger" (more severe) and "Warning" (less severe).

Hazard Statement
A phrase assigned to a hazard class and category that describes the nature of the hazards of a hazardous product, including, where appropriate, the degree of hazard. (these may also be found in the Hazard Alert section).

Precautionary Statements

Describes recommended measures to minimize or prevent the adverse effects resulting from exposure to a hazardous product, or improper storage or handling of hazardous products.

SAMPLE LABEL

PRODUCT IDENTIFIER

CODE _____
Product Name _____

SUPPLIER IDENTIFICATION

Company Name _____
Street Address _____
City _____ State _____
Postal Code _____ Country _____
Emergency Phone Number _____

HAZARD PICTOGRAMS

SIGNAL WORD
Danger

HAZARD STATEMENT
Highly flammable liquid and vapor.
May cause liver and kidney damage.

SUPPLEMENTAL INFORMATION

Directions for use _____

Fill weight: _____ Lot Number _____
Gross weight: _____ Fill Date: _____
Expiration Date: _____

PRECAUTIONARY STATEMENTS

Keep container tightly closed. Store in cool, well ventilated place that is locked.
Keep away from heat/sparks/open flame. No smoking.
Only use non-sparking tools.
Use explosion-proof electrical equipment.
Take precautionary measure against 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 in accordance with local, regional, national, international regulations as specified.

In Case of Fire: use dry chemical (BC) or Carbon dioxide (CO₂) fire extinguisher to extinguish.

First Aid
If exposed call Poison Center.
If on skin (on hair): Take off immediately any contaminated clothing. Rinse skin with water.



Health Hazards:
Carcinogen. Mutagenicity. Reproductive Toxicity. Respiratory Sensitizer. Target Organ Toxicity. Aspiration Toxicity.



Corrosion:
Skin Corrosion. Burns.



Explosion Bomb:
Explosives. Self-Reactives. Organic Peroxides.



Exclamation Point:
Irritant (skin and eye). Skin Sensitizer. Acute Toxicity. Narcotic Effects. Respiratory Tract Irritant. Hazardous to Ozone Layer.



Gas Cylinder:
Gasses Under Pressure.



Flame Over Circle:
Oxidizers



Skull and Crossbones:
Acute Toxicity (fatal or toxic)



Flame:
Flammables. Pyrophorics. Self-Heating. Emits Flammable Gas. Self-Reactive. Organic Peroxides.

Secondary Containers

Hazardous substances transferred from the original labeled container to a secondary container require labels that include the product name and any combination of words, pictures, or symbols that communicate the hazards. Below are several examples:

