

# Globally Harmonized System Pictograms



## Health Hazard

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



## Exclamation Mark

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



## Flame

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



## Exploding Bomb

- Explosives
- Self-Reactives
- Organic Peroxides



## Corrosion

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



## Environment

- (non-mandatory)*
- Aquatic Toxicity



## Gas Cylinder

- Gases Under Pressure



## Flame Over Circle

- Oxidizers



## Skull and Crossbones

- Acute Toxicity (fatal or toxic)

## Sample Label (Examples have been abbreviated)

### Product Identifier

Product Name: Acetone

Chemical Name: Dimethylketone

### Supplier Identification

Company Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_

Emergency Phone Number: \_\_\_\_\_

### Precautionary Statements

- Protect against physical damage
- Store in a cool, dry, well-ventilated location

**In Case of Fire:** Use dry chemical, alcohol foam or carbon dioxide. Water may be ineffective.

**First Aid:** Immediately flush skin with plenty of water for at least 15 minutes.



**Signal Word**  
**Danger**

### Hazard Statement

Highly flammable. Irritating to the eyes.  
Vapors may cause drowsiness and dizziness.

### Supplemental Information

(Provided by the manufacturer)

1. **Product identifier** tells how the hazardous chemical is identified. This can be the chemical name, code number, or batch number.
2. **Signal word** is used to indicate the level of severity of hazard. "Danger" is used for the more severe hazards and "Warning" is used for the less severe hazards.
3. **Pictograms** are intended to convey specific information about the hazards of a chemical. They must be in the shape of a red outlined diamond with a black hazard symbol on a white background that is clearly visible.
4. **Hazard statements** describe the nature of the chemical hazard.
5. **Precautionary statements** describe measures that should be taken to minimize or prevent adverse effects from a hazardous chemical or improper storage or handling.
6. **Supplemental information** is additional information regarding the hazardous chemical and precautions for safe handling.

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