

## Federal Hazard Communication CFR 1910.1200

### DC 37 Safety and Health Fact Sheet

1910.1200 Federal Hazard Communication Standard (HCS) enforced by the Occupational Safety and Health Administration (OSHA) ensures that all hazards and chemical information are provided to employees. It is commonly referred to as the Right to Know law.

Chemical manufacturers and importers provide hazard information to employers on chemicals via










- Labels
- Safety Data Sheets

Employers must:

- obtain Safety Data Sheets for purchased chemicals in the workplace
- make Safety Data Sheets readily available
- determine chemicals in the workplace which may be a potential hazard
- ensure all chemical containers are properly labelled
- train employees
- develop, implement and maintain a written hazard communication plan
- make the written program available to employees and their union representatives

The Hazard Communication Standard (HCS) requires pictograms on labels to inform 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

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

The written HCS program must include:

- a list of hazardous chemicals in the workplace
- procedures to protect employees
- labelling procedures
- Safety Data Sheets
- Employee information and training