Hazard Communication
Globally Harmonized System of Classification and Labeling of Chemicals

GHS pictograms and hazard classes

<table>
<thead>
<tr>
<th>GHS Pictogram</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Skull and Crossbones]</td>
<td>Acute toxicity (fatal or toxic)</td>
</tr>
<tr>
<td>[Exclamation Mark]</td>
<td>Irritant (skin and eye)</td>
</tr>
<tr>
<td>[Health Hazard]</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>[Corrosion]</td>
<td>Skin corrosion/burns</td>
</tr>
<tr>
<td>[Flame]</td>
<td>Flammable</td>
</tr>
<tr>
<td>[Exploding Bomb]</td>
<td>Explosives</td>
</tr>
<tr>
<td>[Gas Cylinder]</td>
<td>Gasses under pressure</td>
</tr>
<tr>
<td>[Flame Over Circle]</td>
<td>Oxidizers</td>
</tr>
<tr>
<td>[Environment]</td>
<td>Aquatic toxicity</td>
</tr>
</tbody>
</table>

Health hazard
- • Skin sensitizer
- • Acute toxicity
- • Narcotic effects
- • Respiratory tract irritant
- • Hazardous to ozone layer

Health Hazard
- • Carcinogen
- • Mutagenicity
- • Reproductive toxicity
- • Respiratory sensitizer
- • Target organ toxicity
- • Aspiration toxicity

Corrosion
- • Skin corrosion/burns
- • Eye damage
- • Corrosive to metals

Flame
- • Flammables
- • Pyrophorics
- • Self-heating
- • Emits flammable gas
- • Self-reactives
- • Organic peroxides

Exploding Bomb
- • Explosives
- • Self-reactives
- • Organic peroxides

Gas Cylinder
- • Gasses under pressure

Environment
- (Non-mandatory)
- • Aquatic toxicity

All chemicals and accompanying Safety Data Sheets must meet the requirements of the Globally Harmonized System of Classifying and Labeling of Chemicals (GHS). This poster includes examples of the new standardized formats and pictograms. Chemical labels must include:

1. Product identifier
2. Supplier identification
3. Precautionary statement: Provides information about how to prevent exposure to a chemical, how to respond to exposure, and how to store the chemical properly.
4. Pictogram: A symbol that is intended to quickly convey specific information about the hazards of a chemical. It is a black symbol on a white background within a red diamond.
5. Signal word: Indicates the severity of the hazard. WARNING used for less severe hazards DANGER used for severe hazards
6. Hazard statement: Describes the nature of the hazard.
7. Supplemental information: Contains extra information like direction for use and size of the container.

Sample Label

| 1. Product identifier | CODE ___________________________________________________
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Product Name____________________________________________</td>
</tr>
<tr>
<td>2. Supplier identification</td>
<td>Company Name___________________________________________</td>
</tr>
<tr>
<td></td>
<td>Street Address____________________________________________</td>
</tr>
<tr>
<td></td>
<td>City________________ State_____Postal Code_______Country____</td>
</tr>
<tr>
<td></td>
<td>Emergency Phone Number__________________________________</td>
</tr>
<tr>
<td>3. Precautionary statement</td>
<td>Keep container tightly closed. Store in a cool, well-ventilated place that is locked.</td>
</tr>
<tr>
<td></td>
<td>Keep away from heat/sparks/open flame. No smoking. Only use non-sparking tools.</td>
</tr>
<tr>
<td></td>
<td>Use explosion-proof electrical equipment. Take precautionary measures 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.</td>
</tr>
<tr>
<td>4. Pictograms</td>
<td></td>
</tr>
<tr>
<td>5. Signal word</td>
<td>DANGER</td>
</tr>
<tr>
<td>7. Supplemental information</td>
<td>Directions for Use</td>
</tr>
<tr>
<td></td>
<td>Fill weight:____________ Lot Number:____________</td>
</tr>
<tr>
<td></td>
<td>Gross weight:____________ Fill Date:____________</td>
</tr>
</tbody>
</table>

Safety Data Sheets
The new Safety Data Sheets (SDS) will contain a 16-section standardized format.

Section 1, Identification
Section 2, Hazard(s) identification
Section 3, Composition/information on ingredients
Section 4, First-aid measures
Section 5, Fire-fighting measures
Section 6, Accidental release measures
Section 7, Handling and storage
Section 8, Exposure controls/personal protection
Section 9, Physical and chemical properties
Section 10, Stability and reactivity
Section 11, Toxicological information
Section 12, Ecological information*
Section 13, Disposal considerations*
Section 14, Transport information*
Section 15, Regulatory information*
Section 16, Other information

* Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29 CFR 1910.1200(g)(2)).

Sample Label

[Image of GHS Pictograms and Hazard Classes]

[Image of Sample Label]

[Image of Safety Data Sheets]

SNV 1 | Date: 09.23