New OSHA GHS Regulations!!!
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DEPARTMENT OF LABOR
Occupational Safety and Health Administration

29 CFR Parts 1910, 1915, and 1926
[Docket No. OSHA-H022K–2006–0062
(formerly Docket No. H022K)]
RIN 1218–AC20

Hazard Communication

AGENCY: Occupational Safety and Health Administration (OSHA), DoL.

ACTION: Final rule.

SUMMARY: In this final rule, OSHA is modifying its Hazard Communication Standard (HCS) to conform to the United Nations’ Globally Harmonized System of Classification and Labeling of Chemicals (GHS). OSHA has determined that the modifications will significantly reduce costs and burdens while also improving the clarity and consistency of information employers and employees regarding chemical hazards and associated protective measures. Consistent with the requirements of Executive Order 13563, which calls for assessment and, where appropriate, modification and improvement of existing rules, the Agency has concluded this improved information will enhance the effectiveness of the HCS in ensuring that employees are apprised of the chemical

GHS = Hazard Communication
New OSHA GHS Regulations...

Use new labels and hazard warnings...

SAMPLE LABEL

**Product Identifier**

CODE
Product Name

**Company Name**

Street Address
City, State
Postal Code, Country
Emergency Phone Number

**Supplier Identification**

Keep container tightly closed. Store in a 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 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.

**Hazard Pictograms**

- Danger
- Supplemental Information
  - **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 (or hair): Take off immediately any contaminated clothing. Rinse skin with water.

**Signal Word**

- Highly flammable liquid and vapor. May cause liver and kidney damage.

**Hazard Statements**

- **Precautionary Statements**
New OSHA GHS Regulations...

Use new safety data sheets...
New OSHA GHS Regulations...

Use new pictograms...

<table>
<thead>
<tr>
<th>Health Hazard</th>
<th>Flame</th>
<th>Exclamation Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcinogen</td>
<td>Flammables</td>
<td>Irritant (skin and eye)</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td>Pyrophorics</td>
<td>Skin Sensitizer</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>Self-Heating</td>
<td>Acute Toxicity</td>
</tr>
<tr>
<td>Respiratory Sensitizer</td>
<td>Emits Flammable Gas</td>
<td>Narcotic Effects</td>
</tr>
<tr>
<td>Target Organ Toxicity</td>
<td>Self-Reactives</td>
<td>Respiratory Tract Irritant</td>
</tr>
<tr>
<td>Aspiration Toxicity</td>
<td>Organic Peroxides</td>
<td>Hazardous to Ozone Layer (Non-Mandatory)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Gas Cylinder</th>
<th>Corrosion</th>
<th>Exploding Bomb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gases Under Pressure</td>
<td>Skin Corrosion/Burns</td>
<td>Explosives</td>
</tr>
<tr>
<td></td>
<td>Eye Damage</td>
<td>Self-Reactives</td>
</tr>
<tr>
<td></td>
<td>Corrosive to Metals</td>
<td>Organic Peroxides</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flame Over Circle</th>
<th>Environment (Non-Mandatory)</th>
<th>Skull and Crossbones</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxidizers</td>
<td>Aquatic Toxicity</td>
<td>Acute Toxicity (fatal or toxic)</td>
</tr>
</tbody>
</table>

https://www.osha.gov/dsg/hazcom/pictograms/index.html
New OSHA GHS Regulations…

- Conduct and document staff training covering:
  - Label elements
    - Product identifier
    - Signal word = Danger or Warning
    - Pictogram
    - Hazard statement(s)
    - Precautionary statement(s)
    - Name, address, phone number of manufacturer, distributor, importer
  - Safety Data Sheets (SDS)