OSHA has updated the HAZCOM Standard Labels and MSDS information requirements. Here are some changes that you need to know.

WHAT IS GHS?

1. Stands for **Globally Harmonized System**
2. A system standardizing and harmonizing the classification of chemicals and communication of the hazards **internationally** for:
   - Workers & employers
   - Consumers
   - Transport workers
   - Emergency responders

### Criteria for classifying hazards
- Chemical
- Physical
- Environmental

### Pictograms

<table>
<thead>
<tr>
<th>GHS Pictograms and Hazard Classes (Other than for Transport)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Pictogram Icon" /></td>
</tr>
<tr>
<td>Class 1: Explosives</td>
</tr>
<tr>
<td>Class 4: Health Hazards</td>
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</tbody>
</table>

New Definitions

**Hazard class**: the nature of the physical or health hazards, e.g., flammable solid, carcinogen, oral acute toxicity, etc.

**Hazard category**: the division of criteria within each hazard class. These categories compare hazard severity within a hazard class. For example, oral acute toxicity and flammable liquids include four hazard categories. **Product identifier**: the name or number used for a hazardous chemical on a label or in the SDS. It provides a unique means by which the user can identify the chemical.

**Signal Word**: Two words used to readily distinguish between hazard levels and emphasize extent of hazard.

- **DANGER**
- **WARNING**
- **Caution**
- **Warning**
- **Caution**
- **Warning**

**Pictogram**: a composition that may include a symbol plus other graphic elements, such as a border, background pattern, or color, that is intended to convey specific information about the hazards of a chemical. Nine pictograms are standard for application to a hazard category. **Precautionary statement**: a phrase that describes recommended measures that should be taken to minimize or prevent adverse effects resulting from exposure to a hazardous chemical, or improper storage or handling. **Hazard statement**: a statement assigned to a hazard class and category that describes the nature of the hazard(s) of a chemical, including, where appropriate, the degree of hazard.

SDS & Label information

SDS now has 16 sections

New label elements

- **Pictograms**
- **Signal Word**
- **Hazard Category**
- **Hazard Statement**
- **Precautionary Statement**

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**Acetone**

Keep away from heat, sparks and flame – No smoking. Take precautionary measures against static discharge. Keep from direct sunlight. Keep container closed when not in use. Store in a cool, well-ventilated area away from heat and ignition sources. Use only in a well-ventilated area. Avoid contact with eyes, skin and clothing. Wear appropriate personal protective equipment, avoid direct contact. Flush eyes with water for at least 15 minutes while holding eyelids open.