




# Different Hazard Classification Tools and Symbols

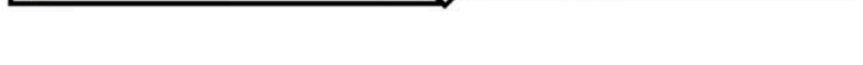
GHS, NFPA, and HMIS are different system with different purposes to categorize hazards. **They are not interchangeable.** For a comparison of NFPA 704 to GHS please visit: <https://www.osha.gov/Publications/OSHA3678.pdf>

This is a tool to help people who work with chemicals to understand the difference between these systems.

**GHS** – Used in the new UN regulation to help manufacturers classify materials and assign pictograms, signal words, and hazard statements. There is no universal scale and number of classifications is NOT uniform throughout each category.

HCS Pictograms and Hazards

<p>Health Hazard</p>  <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>	<p>Flame</p>  <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>	<p>Exclamation Mark</p>  <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>
<p>Gas Cylinder</p>  <ul style="list-style-type: none"><li>• Gases Under Pressure</li></ul>	<p>Corrosion</p>  <ul style="list-style-type: none"><li>• Skin Corrosion/Burns</li><li>• Eye Damage</li><li>• Corrosive to Metals</li></ul>	<p>Exploding Bomb</p>  <ul style="list-style-type: none"><li>• Explosives</li><li>• Self-Reactives</li><li>• Organic Peroxides</li></ul>
<p>Flame Over Circle</p>  <ul style="list-style-type: none"><li>• Oxidizers</li></ul>	<p>Environment (Non-Mandatory)</p>  <ul style="list-style-type: none"><li>• Aquatic Toxicity</li></ul>	<p>Skull and Crossbones</p>  <ul style="list-style-type: none"><li>• Acute Toxicity (fatal or toxic)</li></ul>



--	--	--



“Employers may continue to use rating s