



Changes to the GHS Labels and Pictograms

The Globally Harmonized System of Classification and Labeling of Chemicals (GHS) is a system for standardizing the classification and labeling of hazardous chemicals used in the workplace. The GHS takes a comprehensive approach to:

- Defining health, physical and environmental hazards of chemicals.
- Creating classification processes that use available data on chemicals for comparison with the defined hazard criteria.
- Communicating hazard information, as well as protective measures, on labels and Safety Data Sheets (SDSs).

This flier will help you better understand changes specific to labels.

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Labels

OSHA has updated the requirements for labeling of hazardous chemicals under its HCS. As of June 1, 2015, all labels will be required to have pictograms, a signal word, hazard and precautionary statements, the product identifier, and supplier identification.

There are several new label elements:

- Pictograms – Pictograms on labels consist of a symbol on a white background framed within a red border.
- Signal Words – These are used to indicate the severity of the hazard and alert employees to the potential danger. Two signal words will be used: DANGER (more severe hazard) and WARNING (less severe).
- Hazard Statements – For each category of a hazard class, a standardized statement is used

to describe the hazard.

- Precautionary Statements – Each label will contain statements such as, “Only use non-sparking tools” or “Keep container tightly closed and store in cool, well-ventilated place.”
- Product Identification – Every label will contain the proper product identifiers, such as the code and product name.
- Supplier/Manufacturer Identification – Company name, address and emergency phone number should be listed on labels.

Labels: Secondary Containers

- Secondary labeling systems are still permitted
- Must be consistent with the revised HazCom standard
- No conflicting hazard warnings or pictograms.
- May use written materials (e.g., signs, placards, etc.) in lieu of affixing labels to individual stationary process containers.
- Employer can use GHS compliant labels (same as shipping)

SAMPLE LABEL

<p>CODE _____</p> <p>Product Name _____</p>	}	Product Identifier	<p>Hazard Pictograms</p> 
<p>Company Name _____</p> <p>Street Address _____</p> <p>City _____ State _____</p> <p>Postal Code _____ Country _____</p> <p>Emergency Phone Number _____</p>	}	Supplier Identification	<p>Signal Word</p> <p>Danger</p>
<p>Keep container tightly closed. Store in a cool, well-ventilated place that is locked.</p> <p>Keep away from heat/sparks/open flame. No smoking. Only use non-sparking tools.</p> <p>Use explosion-proof electrical equipment.</p> <p>Take precautionary measures against static discharge. Ground and bond container and receiving equipment. Do not breathe vapors.</p> <p>Wear protective gloves.</p> <p>Do not eat, drink or smoke when using this product.</p> <p>Wash hands thoroughly after handling.</p> <p>Dispose of in accordance with local, regional, national, international regulations as specified.</p> <p>In Case of Fire: use dry chemical (BC) or Carbon Dioxide (CO₂) fire extinguisher to extinguish.</p> <p>First Aid If exposed call Poison Center. If on skin (or hair): Take off immediately any contaminated clothing. Rinse skin with water.</p>			<p>Hazard Statements</p> <p>Highly flammable liquid and vapor. May cause liver and kidney damage.</p>
<p>Precautionary Statements</p>			<p>Supplemental Information</p> <p>Directions for Use</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>Fill weight: _____ Lot Number: _____</p> <p>Gross weight: _____ Fill Date: _____</p> <p>Expiration Date: _____</p>

Pictograms

As of June 1, 2015, HCS will require pictograms on labels, which consist of a symbol on a white background framed within a red border. There are nine total (eight regulated by OSHA).

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



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