

GHS LABELING AT A GLANCE

SDS - Safety Data Sheets

MUST CONTAIN:

Information relating to each of the following headings.

Section 1: Identification

Section 2: Hazard Identification

Section 3: Composition/Information on Ingredients

Section 4: First-Aid Measures

Section 5: Fire-Fighting Measures

Section 6: Accidental Release

Section 7: Handling and Storage

Section 8: Exposure Controls/Personal Protection

Section 9: Physical & Chemical Properties

Section 10: Stability and Reactivity

Section 11: Toxicological

Section 12: Ecological Information*

Section 13: Disposal Considerations*

Section 14: Transport Information*

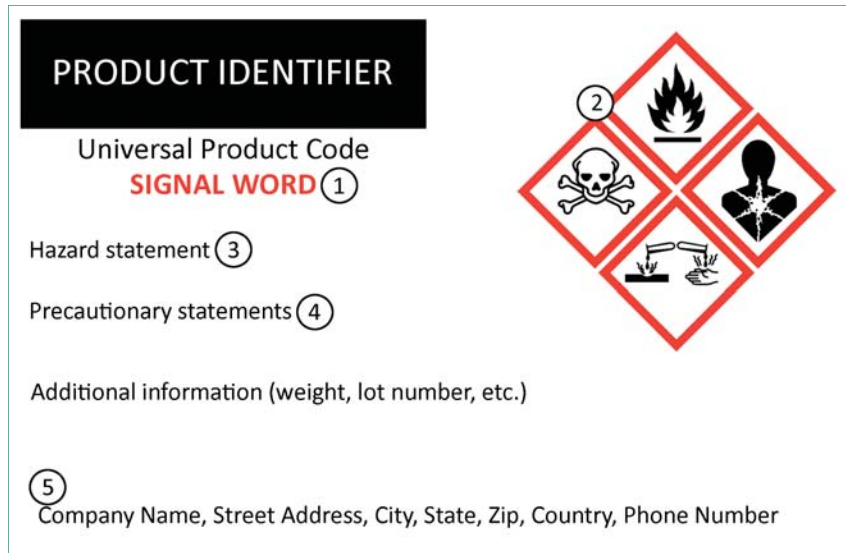
Section 15: Regulatory Information*

Section 16: Other Information

* Covered by agencies other than OSHA

June 1, 2015 – By this date, chemical manufacturers and distributors should have completed their reclassification of chemicals and be shipping GHS formatted SDSs and labels with their shipments. By this time too, a majority of your library will have turned over.

GHS Sample Label



The diagram shows a rectangular label layout. At the top left is a black box labeled 'PRODUCT IDENTIFIER'. Below it are fields for 'Universal Product Code', 'SIGNAL WORD' (with a circled 1), 'Hazard statement' (with a circled 3), and 'Precautionary statements' (with a circled 4). At the bottom is 'Additional information (weight, lot number, etc.)' and a circled 5 for 'Company Name, Street Address, City, State, Zip, Country, Phone Number'. On the right is a diamond-shaped pictogram with four quadrants: top-left (skull and crossbones with circled 2), top-right (flame), bottom-left (hand being poured on), and bottom-right (silhouette of a person with a starburst on their chest).

Information on the GHS Label

Materials in shipped containers must have:

- ▲ Product Identifier (name of product)
- ▲ Signal Word (1)
- ▲ Pictograms (2)
- ▲ Hazard Statement(s) (3)
- ▲ Precautionary statements (4)
- ▲ Contact information for the responsible party, (name, address and phone) (5)
- ▲ Information by Hazard Class
- ▲ Information by Hazard Category





December 1, 2013 – By this date, employers must train employees on how to read GHS formatted labels and SDSs. Changes to labels are probably more substantial, however, employees need to understand where to find information on the SDS, especially in Section 2 where critical hazard information is located.

December 1, 2015 – Distributors have an additional 6 months beyond the June 1, 2015 date to pass along manufacturer labels and SDSs in the older formats. However, beyond December 1, 2015, all SDSs and labels in the U.S. should adhere to HazCom 2012 provisions.

GHS Hazard Pictograms



A grid of nine diamond-shaped pictograms with red borders. Each pictogram is accompanied by a title and a list of hazard classes or categories.

Health Hazard	Gas Cylinder	Flame Over Circle
		
Carcinogen Mutagenicity Reproductive Toxicity Respiratory Sensitizer Target Organ Toxicity Aspiration Toxicity	Gases Under Pressure	Oxidizers
Flame	Corrosion	Environment (Non-Mandatory)
		
Flammables Pyrophorics Self-Heating Emits Flammable Gas Self-Reactives Organic Peroxides	Skin Corrosion/Burns Eye Damage Corrosive to Metals	Aquatic Toxicity
Exclamation Mark	Explosing Bomb	Skull & Crossbones
		
Irritant (skin & eye) Skin Sensitizer Acute Toxicity (harmful) Narcotic Effects Respiratory Tract Irritant Hazardous to Ozone Layer (non-mandatory)	Explosives Self-Reactives Organic Peroxides	Acute Toxicity (fatal or toxic)

June 1, 2016 – By this date employers should be fully compliant with HazCom 2012. That includes making any necessary updates to their HazCom program, training employees on any newly identified chemical hazards (identification of new hazards is likely during the reclassification process chemical manufacturers undertake), and updating Safety Data Sheets libraries and secondary labels.