

# NEW GHS STANDARD SDS's, Pictograms, and Labeling



## GHS Safety Data Sheet Sections:

- Section 1: Identification**  
Product identifier, recommended use, restrictions of use and contact information of the manufacturer
- Section 2: Hazard identification**  
Pictograms, hazard statements, signal words and precautionary statements
- Section 3: Composition**  
Ingredients, chemical name, common name, and Chemical Abstract System (CAS) number
- Section 4: First aid measures**  
Description of necessary measures specific to the method of exposure
- Section 5: Fire fighting measures**  
Suitable extinguishing media specific to hazards arising from the chemicals
- Section 6: Accidental release measures**  
Personal precautions to take, Personal Protective Equipment (PPE), containment and cleanup procedures
- Section 7: Handling and storage**  
Precautions for safe handling
- Section 8: Exposure controls**  
Permissible exposure limits (PEL) and appropriate engineering controls.
- Section 9: Physical and chemical properties**  
Includes but is not limited to appearance, odor, melting point, pH and flash point
- Section 10: Stability and reactivity**  
Reactivity, chemical stability and conditions to avoid
- Section 11: Toxicological information**  
Health effects, information on routes of exposure, symptoms related to chemical, physical and toxicological characteristics.

**Section 12: Ecological information\***  
Degradability and bio-accumulative potential

**Section 13: Disposal considerations\***  
Safe handling of waste residue

**Section 14: Transport information\***  
Provides guidance on shipping and transporting hazardous materials

**Section 15: Regulatory information\***  
Safety, health and environmental regulations

**Section 16: Other information**  
Date of preparation and date of last revision

\*not regulated by OSHA



For more information contact your supervisor or the  
Puget Sound Workers' Compensation Trust's Industrial Hygiene Consultant @  
425-917-7640 or 206-200-4463  
[www.pswct.org](http://www.pswct.org)

## HCS PICTOGRAMS & HAZARDS

<b>Health Hazard</b>  <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>	<b>Flame</b>  <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>	<b>Exclamation Mark</b>  <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>
<b>Gas Cylinder</b>  <ul style="list-style-type: none"> <li>• Gases under pressure</li> </ul>	<b>Corrosion</b>  <ul style="list-style-type: none"> <li>• Skin Corrosion/ burns</li> <li>• Eye Damage</li> <li>• Corrosive to Metals</li> </ul>	<b>Exploding Bomb</b>  <ul style="list-style-type: none"> <li>• Explosives</li> <li>• Self-Reactives</li> <li>• Organic Peroxides</li> </ul>
<b>Flame over Circle</b>  <ul style="list-style-type: none"> <li>• Oxidizers</li> </ul>	<b>Environment (Non-mandatory)</b>  <ul style="list-style-type: none"> <li>• Aquatic Toxicity</li> </ul>	<b>Skull &amp; Crossbones</b>  <ul style="list-style-type: none"> <li>• Acute Toxicity (fatal or toxic)</li> </ul>

## EPICHLOROHYDRIN <sup>1</sup>

UN No. 2023  
CAS No. 106-89-8

<sup>2</sup> **DANGER**

<sup>4</sup> Flammable liquid and vapor. Toxic if swallowed. Toxic in contact with skin. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause cancer.

<sup>5</sup> Do not breathe dust/fume/gas/mist/vapors/spray. Wear protective gloves/protective clothing/eye protection.

Fill Weight: 18.52 lbs.  
Gross Weight: 20 lbs  
Expiration Date: 1/15/2018

Lot Number: A0323111323  
Fill Date: 1/15/2012

<sup>6</sup>

JACKSON CHEMICAL COMPANY - City of Industry, Los Angeles, California, USA (800)-444-456-8989



1. Chemical Identification
2. Signal Word
3. Pictogram(s)
4. Hazard Statement
5. Precautionary Statement
6. Supplier Information