



Marking Services Incorporated



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# GHS (Globally Harmonized System) Labels and Signs



Marking Services Incorporated (MSI) GHS labels and signs are specifically designed to comply with the standards established by the United Nations. Use our labels to identify health, physical and environmental risk hazards; information critical to keep your workplace compliant and safe. Standardized pictograms, signal words and hazard/precautionary statements used on our GHS labels keep workers informed of specific chemical hazards and comply with GHS regulations.

Marking Services offers the best in GHS labeling and signage. We will work with you to create custom GHS labeling designed with your needs in mind. Do-it-yourself label printers are cost prohibitive, time consuming and offer limited size and color options. Need additional information such as NFPA diamonds or HMIS? We can create one label or sign with all the required information based on your specifications, while remaining compliant with GHS regulations.

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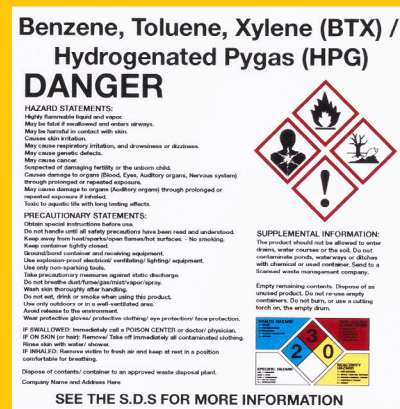
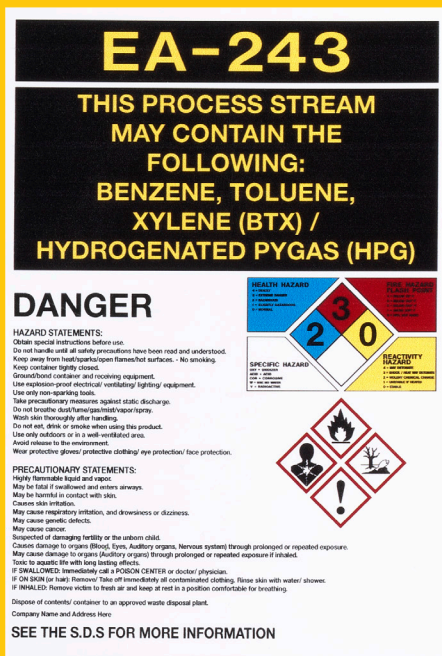
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## MS-900 or MS-478 Labels

- Printed on premium-quality, fade-resistant outdoor-grade material with durable indoor/outdoor adhesive
- Chemical and UV resistant
- Each GHS label is custom manufactured for your needs

MSI creates highly-descriptive labels and signs that provide plant personnel with the necessary information regarding hazard identification, operating procedures and identification. Contact us today to start your GHS labeling program.

## For more information:

Toll free: 800.234.0135 • Ph: 414.973.1331 • sales@markserv.com  
8265 N. Faulkner Road • P.O. BOX 240027 • Milwaukee, WI 53224  
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## Label Elements

GHS regulations require a standardized labeling format. In any GHS sign, there are six key labeling elements that must be adhered to.

- Signal Word** – indicate relative severity of hazard.
- Symbols (Hazard Pictograms)** – convey health, physical and environmental hazards using black symbols on white backgrounds with a red border.
- Product Name or Identifiers**
- Hazard Statements** – phrases that describe the nature of the hazardous product.
- Precautionary Statements** – phrases that describe preventative measures, first aid response, storage and disposal information for the hazardous product.
- Manufacturer Information** – company name, address, telephone number.

MSI goes beyond what is required to allow owners to include relevant information for the safe, efficient operations to their facilities. We have worked with OSHA to develop GHS compliant signs and labels that accurately communicate hazards for the protection of plant workers and infrastructure.

## GHS Labeling made easy!

Our process is simple, we work with you to determine your plant specific needs.



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# Ammonia, Anhydrous: 99.80 - 99.98 %

**1 DANGER**

**HAZARD STATEMENTS:**  
 H221 Flammable gas.  
 H331 Toxic if inhaled.  
 H314 Causes Severe skin burns and eye damage.  
 H400 Very toxic to aquatic life.

**PRECAUTIONARY STATEMENTS:**  
 P405 Store locked up.  
 P403 Store in a well-ventilated place.  
 P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P273 Avoid release to the environment.  
 P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P310 Immediately call a POISON CENTER or doctor/physician.

**FIRST AID MEASURES:**  
**GENERAL:** If in doubt, seek medical advice.  
 If there is any suspicion of ammonia gas left in the emergency area, the rescue workers must wear self-contained breathing apparatus with filter K11. No action shall be taken involving any personal risk or without suitable training.  
**INHALATION:** Provide rest, warmth and fresh air. Rinse nose and mouth with water. If respiratory problems, artificial respiration/oxygen. Get medical attention.  
**SKIN CONTACT:** Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Continue to rinse for at least 15 minutes. Get medical attention immediately.

**DISPOSAL:**  
 Deliver as hazardous waste according to the local regulations.

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**SEE THE S.D.S FOR MORE INFORMATION**

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MSI worked with this client to include NFPA diamonds

GHS labels and signs from MSI are designed and manufactured for plant environments. Our manufacturing processes allow for label and sign materials that have been engineered specifically for your facility.

## MS-215 Max-Tek Signs

- Printing is encapsulated beneath a layer of high-performance polycarbonate
- Resistant to chemicals and fading
- Highest quality material available
- Complete printing flexibility
- Flexible and Rigid constructions based on your mounting and surface needs

IMPORTANT! READ SAFETY DATA SHEET!

VAC TWR BTM PA REFLUX CRUDE EXCHANGER		PR54 3834	
PR54 3834		DANGER	
PROCESS STREAMS			
PETROLEUM - CRUDE OIL; DISTILLATES (PETROLEUM), INTERMEDIATE VACUUM ..C14-42			
APPROPRIATE HAZARD WARNINGS			
<b>HEALTH HAZARDS</b> <input type="checkbox"/> CORROSIVE <input checked="" type="checkbox"/> IRRITANT <input type="checkbox"/> CARCINOGEN		<b>PHYSICAL HAZARDS</b> <input type="checkbox"/> WATER REACTIVE <input type="checkbox"/> UNSTABLE (REACTIVE) <input type="checkbox"/> OXIDIZER	
<b>IMMEDIATE TARGET ORGAN EFFECTS</b> <input checked="" type="checkbox"/> SKIN EFFECTS <input checked="" type="checkbox"/> EYE EFFECTS <input checked="" type="checkbox"/> LUNG EFFECTS		<b>DELAYED TARGET ORGAN EFFECTS</b> <input type="checkbox"/> SKIN EFFECTS <input type="checkbox"/> EYE EFFECTS <input type="checkbox"/> LUNG EFFECTS <input type="checkbox"/> RESPIRATORY TRACT EFFECTS	
<input checked="" type="checkbox"/> RESPIRATORY TRACT EFFECTS <input checked="" type="checkbox"/> GASTRO INTESTINAL EFFECTS <input checked="" type="checkbox"/> NERVOUS SYSTEM EFFECTS		<input type="checkbox"/> GASTRO INTESTINAL EFFECTS <input type="checkbox"/> NERVOUS SYSTEM EFFECTS <input type="checkbox"/> BLOOD EFFECTS <input type="checkbox"/> REPRODUCTIVE EFFECTS	
ROUTES OF ENTRY			
<input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> SKIN OR EYE CONTACT			
MISC. INFORMATION			
7/10/2009			

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GHS as part of a larger sign