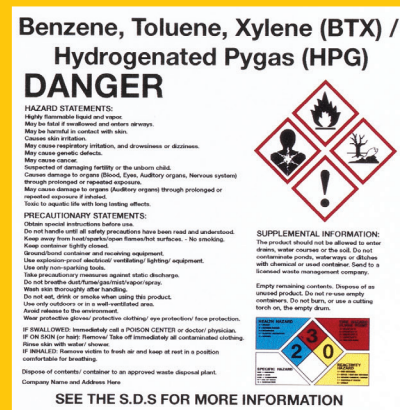




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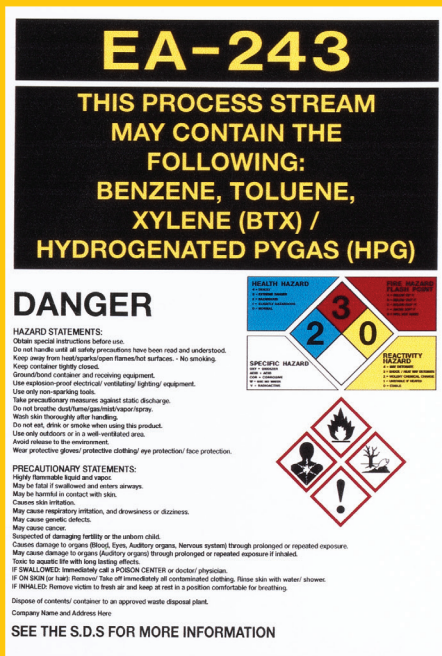


MS-900 or MS-478 Labels

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

MSC creates highly-descriptive labels and signs that provide plant personnel with the necessary information regarding hazard identification and operating procedures. As a single source supplier, MSC works with you to develop a comprehensive WHMIS labeling/signage program. We offer a complement of services including design, engineering, manufacturing and installation or full turnkey packages to complete your labeling program from beginning to end in a seamless, cost effective process.

Contact us today to get started with your WHMIS labeling program.



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Marking Services Canada Ltd.

WHMIS (Workplace Hazardous Materials Information System) Labels and Signs

Marking Services Canada (MSC) WHMIS labels and signs are specifically designed to comply with the standards established by the Canadian Centre for Occupational Health and Safety. 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 WHMIS labels keep workers informed of specific chemical hazards and comply with CCOHS (Canadian Centre for Occupational Health and Safety) regulations.

Marking Services offers the best in WHMIS labeling and signage. We will work with you to create custom WHMIS 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 beyond WHMIS regulations on your label/sign? We can create one label or sign with all the required information based on your specifications, while remaining compliant with WHMIS regulations.



For more information:

Marking Services Canada Ltd.

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June 2017

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Label Elements

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

1. **Product Name or Identifiers**
2. **Symbols (Hazard Pictograms)** – convey health, physical and environmental hazards using black symbols on white backgrounds with a red border. In some cases, no pictogram is required.
3. **“Danger” or “Warning”** – is used to emphasize hazards and indicate the severity of the hazard.
4. **Hazard Statements** – phrases that describe the nature of the hazardous product.
5. **Precautionary Statements** – phrases that describe preventative measures including protective equipment, emergency response and first aid information.
6. **Manufacturer Information** – company which made, packaged, sold or imported the product, and is responsible for the label and SDS.

MSC goes beyond what is required to allow owners to include relevant information for the safe, efficient operations of their facilities. We will work with you to develop WHMIS compliant signs and labels that accurately communicate hazards for the protection of plant workers and infrastructure.

WHMIS Labeling made easy!

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

STEP 1

Gather the new Safety Data Sheet (SDS) and any other pertinent information you'd like to include on the WHMIS Label and/or sign.

STEP 2

We'll create the artwork using mandatory WHMIS pictograms and information required by the Canadian Centre for Occupation Health and Safety for your review and approval.

STEP 3

Once approved, we'll manufacture the labels and signs to your specifications.

1

Ammonia, Anhydrous:
99.80 - 99.98 %

3

DANGER

4

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

5

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.

6

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.

6

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

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2

SUPPLEMENTAL INFORMATION:
Rapid evaporation of liquid ammonia may cause frostbite

INDOOR

HEALTH HAZARD
4 = DANGEROUS
3 = EXTREMELY DANGEROUS
2 = DANGEROUS
1 = MODERATELY DANGEROUS
0 = NORMAL

3

3

0

FIRE HAZARD
FLASH POINT
4 = FLAMMABLE
3 = EXTREMELY FLAMMABLE
2 = FLAMMABLE
1 = MODERATELY FLAMMABLE
0 = NON-FLAMMABLE

3

0

SPECIFIC HAZARD
OXID = OXIDIZER
ACID = ACID
COR = CORROSIVE
W = WATER REACTIVE
R = RADIOACTIVE

REACTIVITY HAZARD
4 = EXTREMELY DANGEROUS
3 = DANGEROUS
2 = MODERATELY DANGEROUS
1 = MODERATELY DANGEROUS
0 = NON-REACTIVE

MSC worked with this client to include NFPA diamonds

SEE THE S.D.S FOR MORE INFORMATION

WHMIS labels and signs from MSC 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

DANGER

PROCESS STREAMS

PETROLEUM - CRUDE OIL; DISTILLATES (PETROLEUM), INTERMEDIATE VACUUM ..C14-42

APPROPRIATE HAZARD WARNINGS

HEALTH HAZARDS
☐ CORROSIVE
☒ IRRITANT
☒ CARCINOGEN

PHYSICAL HAZARDS
☐ WATER REACTIVE
☐ UNSTABLE (REACTIVE)
☐ OXIDIZER

IMMEDIATE TARGET ORGAN EFFECTS

☒ SKIN EFFECTS
☒ EYE EFFECTS
☒ LUNG EFFECTS

☒ RESPIRATORY TRACT EFFECTS
☒ GASTRO INTESTINAL EFFECTS
☒ NERVOUS SYSTEM EFFECTS

DELAYED TARGET ORGAN EFFECTS

☒ SKIN EFFECTS
☐ EYE EFFECTS
☐ LUNG EFFECTS
☐ RESPIRATORY TRACT EFFECTS

☐ GASTRO INTESTINAL
☒ NERVOUS SYSTEM
☐ LIVER EFFECTS
☐ KIDNEY EFFECTS

ROUTES OF ENTRY

☒ INGESTION
☒ INHALATION
☒ SKIN ABSORPTION
☒ SKIN OR EYE CONTACT

MISC. INFORMATION

7/10/2009

IMPORTANT! READ SAFETY DATA SHEET!

WHMIS as part of a larger sign