



Section 1 - Identification and use

Product Name: Xylene
 Code: M0061-00
 Uses: Diluent, Chemical Intermediate, Solvent

Section 2 - Reportable ingredients

Ingredients	Cas No.	Range WT%	TLV PPM	LC50	LD50 Oral-rat
Xylene	1330-20-7	100	100	6700 ppm/4h(rat)	4300 Mg/Kg >2000 Mg/Kg(DRM-RBT)
Benzene	71-43-2	<100ppm ACGIH 1993-94	100ppm	13700 ppm/4h(rat)	5600 Mg/Kg (ORL-RAT)

Section 3 - Physical Data

Physical Form: Colorless liquid with aromatic odour.
 pH: NA
 Freezing Point: NA
 Evaporation Rate: 0.72
 Solubility in water: Immiscible
 Vapour Pressure (mmHg): > 5.0
 Vapour Density (air=1): 3.7
 Specific Gravity: 0.88

Section 4 - Fire and Explosion Data

Auto-Ignition Temp: 527°C
 Flash Point (Setaflash C.C.): >24°C
 Explosion limits: (by volume): LFL: 1% UFL: 7%
 Extinguishing Media: Carbon dioxide, dry chemical, foam and water fog.
 Special fire-fighting procedures: Flammable. Do not use water except as a fog. Use water spray to cool fire exposed containers and structures.
 Fire or explosive hazards: Vapours forms an explosive mixture with air between upper and lower flammable limit.

Section 5 - First Aid Measures

Inhalation: Remove victim from further exposure and restore breathing. If required seek medical attention.
 Skin contact: Start rinsing and remove contaminated clothes while rinsing. Wash skin with soap and water.
 Eye contact: Flush eyes with large amount of running water for at least 15 min. Get medical attention without delay.
 Ingestion: Obtain medical attention immediately. DO NOT INDUCE VOMITING. Guard against aspiration into lungs. Place victim in a stable position and keep warm. Do not give anything by mouth to a convulsing or unconscious person.

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Section 6 - Health Effects Data

Route of Entry: Inhalation, skin, eye contact and ingestion.

Inhalation: Vapours are moderately irritating to the eyes and respiratory passages. Prolonged exposure can cause headache, dizziness, nausea and central nervous system depression.

Skin contact: Mildly irritating to the skin. Can cause fading and drying of skin.

Eye contact: Mildly irritating to the eyes after exposure of short duration.

Ingestion: No sufficient data to further classify according to WHMIS criteria.

Carcinogenicity: NA

Section 7 - Personal Protective Equipment

Respirator requirements: If exposure exceeds occupational exposure limits, wear NIOSH respirator for organic vapours.

Eye protection requirements: Chemical safety goggles.

Glove requirements: Wear impervious rubber gloves. Wear rubber apron.

Ventilation - General: Highly recommended for all indoor situations.

Clothing requirements: Wear impervious protective clothing.

Section 8 - Reactivity

Stability: Stable;

Incompatibilities: Strong oxidizing agents.

Conditions to avoid: Excessive heat, open flames and all ignition sources.

Hazardous decomposition products: Carbon monoxide, carbon dioxide.

Section 9 - Spill and Leak Procedure

Small spill: Absorb with vermiculite or other absorbent materials. Remove to container.

Large spill: Dike area to avoid material from entering sewer or water system. Gather in mechanical container.

Disposal: Dispose of in accordance to municipal, Provincial and Federal regulations.

Section 10 - Handling and Storage Precautions

Handling procedures: Avoid contact with eyes, skin and clothing. Avoid breathing vapours. Vapours may accumulate and travel to distant ignition sources and flash back. Do not cut, drill, grind or weld on or near this container. Empty containers are hazardous and may contain flammable/explosive materials. Ground all equipment to prevent accumulation of static charge.

Storage: Store in a dry, cool area away from all ignition sources.

Section 11 - Technical Information

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The information given and the recommendations made herein apply only to the specified product. The information is based on our research and data from other reliable sources and is believed to be accurate. It is the purchaser's responsibility to verify whether the product is suitable for their purposes. The company does not accept any responsibility for injuries or damages, of any nature, resulting from incorrect usage of our products.

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