



COLUMBUS CHEMICAL INDUSTRIES INC.

P.O. BOX 8
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(920) 623-2140
FAX (920) 623-2577

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Xylenes

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturers /Distributor Address Number Street City State and Zip Code

Columbus Chemical Industries, Inc.

N4335 Temkin Road

Columbus, Wisconsin 53925

Emergency Telephone Number

CHEMTREC 1 (800) 424-9300

Telephone Number for Information

1 (920) 623-2140

Date Prepared

12-30-2005

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Table with 6 columns: Hazardous Components (Specific Chemical Identity, Common Name(s)), CAS #, OSHA PEL, ACGIH TLV, Other Limits Recommended, % (optional). Row 1: Xylenes*, 1330-20-7, 100 ppm, 100 ppm, Not Available, >99%

*Synonyms: Mixed Xylenes, Ethylbenzene.

Section III - Physical/Chemical Characteristics

Table with 4 columns: Property, Value, Property, Value. Rows: Boiling Point (137-144°C), Specific Gravity (0.8640), Vapor Pressure (6.7 mmHg), Melting Point (-31 °C), Vapor Density (3.7), Evaporation Rate (0.8)

Solubility in Water

Complete.

Appearance and Odor

Clear, colorless liquid with aromatic odor.

Section IV Fire and Explosion Hazard Data

Table with 4 columns: Flash Point (Method Used), Flammable Limits, LEL, UEL. Row 1: 27 °C / 80 °F (closed cup), [blank], 0.9, 7.0

Extinguishing Media

Use CO2, "Alcohol Type" foam, or dry chemical extinguishing media. Use water spray to keep fire-exposed containers cool.

Special Fire Fighting Procedures

In the event of a fire, wear full protective clothing and NIOSH/MSHA-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards

Vapors from this product may migrate along currents to an ignition source and flash back.

Emits toxic fumes under fire conditions. Autoignition Temperature: 466°C (870 °F).

Section V Reactivity Data

Stability	Unstable		Conditions to Avoid	Avoid heat, sparks, open flames,
	Stable	X		

Incompatibility Materials to Avoid

Strong oxidizers.

Hazardous Decomposition or Byproducts

Carbon monoxide, carbon dioxide.

Hazardous Polymerization**Conditions to Avoid**

	May Occur		Not available.
	Will Not Occur	X	

Section VI Health Hazard Data**Routes of Entry****Inhalation ?****Skin ?****Ingestion ?**

Multiple	Yes	Yes	Yes
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Health Hazards (Acute and Chronic)

May be harmful if inhaled or absorbed through skin. Causes skin, eye and upper respiratory tract irritation.

Can cause central nervous system depression. Chronic exposure can cause liver, heart, and kidney damage.

Carcinogenicity**NTP****IARC Monographs****OSHA REGULATED?**

	Not Listed	Group 3 (not classifiable)	Not Listed
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Signs and Symptoms of Exposure.

Headache, nausea, vomiting, drowsiness, slurred speech, fatigue, staggering gait, dizziness, unconsciousness. Coma and death may result from exposure to high concentrations. Gastrointestinal disturbances. Skin, eye and respiratory irritation.

Medical Conditions Generally Aggravated by Exposure

Persons with preexisting skin disorders, bladder or liver or kidney dysfunction, or chronic respiratory diseases should avoid exposure.

Emergency and First Aid Procedures**INGESTION:** If swallowed, wash out mouth with water, call a physician. **DO NOT INDUCE VOMITING!** **EYES:** In case of contact, immediately flush with large amounts of water for at least 15 minutes.**Call physician. INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. **Call physician. SKIN:** Immediately wash skin with soap and large amounts of water.**Section VII Precautions for Safe Handling and Use****Steps to be Taken in Case Material is Released or Spilled**

Evacuate area. Wear NIOSH/MSHA-approved respirator, chemical-resistant goggles, rubber boots, apron and heavy rubber gloves. Contain spill with dikes, sand or noncombustible absorbent material. Sweep up and place in a bag and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

Waste Disposal Method

Dispose in accordance with all Federal, state, and local regulations.

Precautions to be Taken in Handling and StoringKeep in tightly closed plainly-labelled containers, stored in a cool, dry, ventilated area. Protect against physical damage. Keep away from heat, sparks and flame. Maintain adequate ventilation. Ground all equipment containing this material. **FLAMMABLE!****Other Precautions**

Do not get in eyes, skin or clothing. Use with adequate ventilation. Containers, even when empty, will retain residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

Section VII Control Measures**Respiratory Protection (Specify Type)**

NIOSH-MSHA-approved respirator with organic vapor cartridge

Ventilation**Local Exhaust**

Necessary.

Special

Safety shower nearby.

Mechanical (General)

Recommended.

Other

Eyewash nearby.

Protective Gloves

Appropriate chemical-resistant gloves.

Eye Protection

Goggles and/ or Splash Shield

Other Protective Clothing or Equipment

Rubber boots and flame-retardant clothing.

Work /Hygienic Practices

Contact lenses should not be worn when working with this material. Maintain eyewash and quick-drench facilities in work area. Avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing. Wash thoroughly after handling. Avoid breathing vapor. Avoid contact with tissues.

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