

Material Safety Data Sheet



Section 1. Chemical Product and Company Identification

Product Name Xylene	Product Code 8400-1
Manufacturer's Name StatLab Medical Products, Inc.	Emergency Telephone Number 800-424-9300
Address (Number, Street, City, State, and ZIP Code) 407 Interchange st. McKinney Tx 75071	Telephone Number for Information 800-442-3573 x 2 Date Prepared 12/5/2005 rev(11/06)
	Signature of Preparer (optional)

Section 2. Composition/Information on Ingredients

Component	Cas#	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Xylenes	1330-20-7	100ppm(TWA)	100ppm(TWA)	150ppm(STEL)	85%
Ethyl Benzene	100-41-4	100ppm(TWA)	100ppm(TWA)	125ppm(STEL)	15%

Section 3. Hazards Identification

Emergency Overview

DANGER! HARMFUL OR FATAL IF SWALLOWED. VAPOR HARMFUL. AFFECTS CENTRAL NERVOUS SYSTEM. CAUSES SEVERE EYE IRRITATION. CAUSES IRRITATION TO SKIN AND RESPIRATORY TRACT. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. CHRONIC EXPOSURE CAN CAUSE ADVERSE LIVER, KIDNEY, AND BLOOD EFFECTS, FLAMMABLE LIQUID AND VAPOR.

Potential Health Effects

Eye	Vapors cause eye irritation. Splashes cause severe irritation, possible corneal burns and eye damage.
Skin	Skin contact results in loss of natural oils and often results in a characteristic dermatitis. May be absorbed through the skin.
Ingestion	Ingestion causes burning sensation in mouth and stomach, nausea, vomiting and salivation. Minute amounts aspirated into the lungs can produce a severe hemorrhagic pneumonitis with severe pulmonary injury or death.
Inhalation	Inhalation of vapors may be irritating to the nose and throat. Inhalation of high concentrations may result in nausea, vomiting, headache, ringing in the ears, and severe breathing difficulties which may be delayed in onset. Substernal pain, cough, and hoarseness are also reported. High vapor concentrations are anesthetic and central nervous system depressants.
Chronic/Carcinogenicity	N/A
Teratology	N/A
Reproduction	N/A
Mutagenicity	N/A

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Section 4. First Aid Measures

Eye	Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately
Skin	Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
Ingestion	Aspiration hazard. If swallowed, vomiting may occur spontaneously, but, DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately.
Inhalation	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.
All Other Means of Exposure	CONTACT POISON CONTROL CENTER IMMEDIATELY.

Section 5. Fire Fighting Measures

Flammable Properties	Flash Point	84°	Method	tag closed cup
Flammable Limits	Lower	1.9	Upper	12.3 @ 77° F
Note: Approximate				
Autoignition Temperature		867° F		
Note: Approximate				

Hazardous Combustion Products

Extinguishing Media	Dry chemical, foam or carbon dioxide.
Fire Fighting Instructions	Flammable liquid, can release vapors that form flammable mixtures at temperature at or above the flashpoint. Toxic gases will form upon combustion. Use water spray to cool fire exposed surfaces and to protect personnel. Shut off "fuel" to fire. If a leak or spill has not ignited, use water spray to disperse the vapors. Avoid spraying water directly into storage containers due to danger of boilover. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

Section 6. Accidental Release Measures

Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in a public area, keep public away and advise authorities. Also, if this product is subject to CERCLA reporting, notify the National Response Center. Prevent liquid from entering sewer, watercourses, or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping (use an ex-
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plosion proof or hand pump) or with suitable absorbent. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Water Spill: Eliminate sources of ignition. Warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear. Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in non-confined waters. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Section 7. Handling and Storage

Material can accumulate static charges which can cause an incendiary electrical discharge. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

Section 8. Exposure Controls, Personal Protection

Engineering Controls Local exhaust ventilation is recommended to control process emissions near the source. Provide mechanical ventilation of confined spaces. Use explosion-proof ventilation equipment.

Respiratory Protection Where concentrations in air may exceed exposure limits and engineering, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

Skin Protection Where contact is likely, wear long sleeves and chemical resistant gloves.

Eye Protection Where contact may occur, wear safety glasses with side shields.

Permissible Exposure Levels (see also Section 2)

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Xylenes	1330-20-7	100ppm			85%
Ethyl Benzene	100-41-4				15%

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Section 9. Physical and Chemical Properties

Boiling Point	282° -	Specific Gravity (H2O = 1)	0.87 @ 60
	286°F		
Vapor Pressure (mm Hg)		Melting Point	-31° F
Vapor Density (AIR = 1)		Evaporation rate (Butyl Acetate = 1)	
Solubility in Water 0.02 @ 77° F calculated		Physical State	
Appearance and Odor colorless/aromatic odor		Other	

Section 10. Stability and Reactivity

Chemical Stability	Stable
Incompatibility	Strong oxidizing agents, concentrated nitric and sulphuric acids, halogen, and molten sulphur. Temperatures above ambient.
Hazardous Decomposition Products	None
Hazardous Polymerization	Will not occur

Section 11. Toxological Information

Not available

Section 12. Ecological Information

Not available

Section 13. Disposal Considerations

Consult an expert on disposal of recovered material to ensure conformity with local disposal regulations.

Section 14. Transport Information

US DOT (domestic ground) Xylene, 3, III, UN1307

IATA (air) Xylene, 3, III, UN1307

NOTE: It is ultimately the shippers responsibility to make hazard class determination based on their best information available.

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Section 15. Regulatory Information

TSCA: Components of this product are listed on the TSCA Inventory.

CERCLA: This product, as sold, is derived from a fraction of crude oil and is excluded from the spill reporting requirements by CERCLA Section. When this product is used in a mixture or as an ingredient in another product or in a manufacturing operation, the petroleum may terminate and an accidental spill may require reporting to the National Response Center at 800-424-8802. The reportable quantity for Xylene is 1,000 pounds. The reportable quantity for Ethylbenzene is 1,000 pounds.

SARA TITLE III:

Section 311/312 Hazardous Categories: Immediate health, delayed health, fire.

Section 313 Toxic Chemicals: Yes

Section 16. Other Information

NFPA Ratings: Health: 2 Flammability: 3 Reactivity: 0 Special Notice Key: None

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard.

Alteration to its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and STATLAB MEDICAL PRODUCTS, INC. assumes no legal responsibility or liability whatsoever resulting from its use.