

Material Safety Data Sheet



Section 1. Chemical Product and Company Identification

Product Name	Product Code
XS-3™ Xylene Substitute	7400-1
Manufacturer's Name	Emergency Telephone Number
StatLab Medical Products, Inc.	800-424-9300
Address (Number, Street, City, State, and ZIP Code)	Telephone Number for Information
407 Interchange st.	800-442-3573 x 2
McKinney Tx 75071	Date Prepared
	9/7/2004 rev(11/06)
	Signature of Preparer (optional)

Section 2. Composition/Information on Ingredients

Component	CAS #	PEL	ACGIH TLV	Other Limits Recommended	Percent
Synthetic Isoparaffinic	64742-48-9	196 ppm			100%

Hydrocarbon

This product consists predominantly of C10-C11 isoparaffinic hydrocarbons

This product is hazardous as defined in 29 CFR1910.1200. OSHA HAZARD Combustible.

Section 3. Hazards Identification

Emergency Overview

Danger! Combustible

Potential Health Effects

Eye Slightly irritating but does not injure eye tissue.

Skin Skin contact may aggravate an existing dermatitis condition.

Frequent or prolonged contact may irritate and cause dermatitis.

Ingestion Mild to severe pulmonary injury may result if small amounts of this product are aspirated into the respiratory system during ingestion or vomiting.

Inhalation Irritating to the eyes and respiratory tract. Anesthesia, drowsiness headaches, dizziness, unconsciousness, and other central nervous system effects including death may result if exposed to high vapor/aerosol concentrations (>1000ppm).

Chronic/Carcinogenicity N/A

Teratology N/A

Reproduction N/A

Mutagenicity N/A

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Section 4. First Aid Measures

Eye If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

Skin In case of skin contact, remove any contaminated clothing and wash skin with soap and water. Launder or dry-clean clothing before reuse. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

Ingestion DO NOT INDUCE VOMITING. Call a physician immediately.

Inhalation If overcome by vapor, remove from exposure and call a physician administer oxygen, if available.

All Other Means of Exposure CONTACT POISON CONTROL CENTER IMMEDIATELY. Be prepared to provide hazardous ingredient information from Section 2.

Section 5. Fire Fighting Measures

Flammable Properties Flash Point 104° F Method tag closed cup

Flammable Limits Lower 0.07 Upper 5.6 @ 77° F approx.

Autoignition Temperature 689° F approx.

Hazardous Combustion Products

Extinguishing Media Foam, water spray (fog), dry chemical, carbon dioxide, vaporizing liquid type extinguishing agents.

Fire Fighting Instructions Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's "Fire Protection Guide on Hazardous Material", Tenth Edition (1991):

Use dry chemical, foam or carbon dioxide to extinguish the fire. "Water may be ineffective", but water should be used to keep fire-exposed containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect persons attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing of gases, vapor, fumes or decomposition products. Use air-supplied breathing equipment for enclosed or confined spaces or as otherwise needed.

NOTE: The inclusion of the phrase "water may be ineffective" is to indicate that although water can be used to cool and protect exposed material, water may not extinguish the fire unless used under favorable conditions by experienced fire fighters trained in fighting all types of flammable liquid fires.

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Section 6. Accidental Release Measures

CLEAN WATER ACT / OIL POLLUTION ACT

This product may be classified as an oil under Section 311 of the Clean Water Act, and under the Oil Pollution Act. Discharges or spills into or leading to surface waters that cause a sheen must be reported to the National Response Center (1-800-424-8802).

Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas.

Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, combustible vapors from absorbed material.

Section 7. Handling and Storage

Handling/Storage This liquid is volatile and gives off invisible vapors.

Either the liquid or the vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

Keep product away from ignition sources such as heat, sparks, pilot lights, static electricity, and open flames.

Keep containers closed when not in use. Do not store near heat, sparks, flame or strong oxidants. To prevent fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system in accordance with the National Fire Protection Association PUBLICATIONS.

"EMPTY" CONTAINER WARNING: "Empty" containers retain residue (liquid and/or vapors) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Do not attempt to refill or clean containers since residue is difficult to remove.

"Empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Section 8. Exposure Controls, Personal Protection

Engineering Controls Use only with ventilation sufficient to prevent exceeding recommended exposure limit or build up of explosive concentrations of vapor in air. No smoking, or use of flame or other ignition sources.

Respiratory Protection Use supplied-air respiratory protection in confined or work practice or other enclosed spaces, if needed.

Skin Protection Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

Eye Protection Use splash goggles or face shield when eye contact may occur.

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Other Protective Equipment Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact.

Personal Hygiene Minimize breathing of vapor or mist. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean and dry before reuse. Cleanse thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless and cleaners followed by washing thoroughly with soap and water.

Permissible Exposure Levels (see also Section 2)

Component	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent
Synthetic Isoparaffinic Hydrocarbon	64742-48-9	196 ppm			100%

This product consists predominantly of C10-C11 isoparaffinic hydrocarbons
This product is hazardous as defined in 29 CFR1910.1200. OSHA HAZARD Combustible.

Section 9. Physical and Chemical Properties

Boiling Point	approx. 325-349°	Specific Gravity (H2O = 1)	0.75@60°
Vapor Pressure (mm Hg)	1.73 mm Hg @ 68° F	Melting Point	-71° (pour point)
		Evaporation rate (Butyl Acetate = 1)	0.2
Solubility in Water	Less than .01 @ 77°	Physical State	
Appearance and Odor	clear water-white liquid	Other Odor: faint petroleum hydrocarbon	

Section 10. Stability and Reactivity

Chemical Stability Stable

Incompatibility Avoid contact with strong oxidizing agents such as liquid chlorine, concentrated oxygen, sodium hypochlorite, calcium hypochlorite, etc., as this presents a serious explosion hazard.

Hazardous Decomposition Products None

Hazardous Polymerization Will not occur.

Section 11. Toxicological Information

Prolonged or repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and dermatitis; however, based on human experience and available toxicological data, this product is judged to be neither a "corrosive" nor an "irritant" by OSHA criteria.

Product contacting the eyes may cause eye irritation.

Product has a low order of acute oral and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

This product is judged to have an acute oral LD50 (rat) greater than 5 g/kg of body weight, and an acute dermal LD50 (rabbit) greater than 3.16 g/kg of body weight.

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Section 12. Ecological Information

Do not discharge this product into public waters or waterways unless authorized by a National Pollution Discharge Elimination System (NPDES) permit issued by the Environmental Protection Agency (EPA).

Section 13. Disposal Considerations

Options for disposal of this product may depend on the conditions under which it was used. To determine the proper method of disposal, refer to RCRA (40 CFR 261), as well as federal EPA and state and local regulations. Please refer to Sections 5, 6 and 15 for additional information.

Section 14. Transport Information

US DOT (domestic ground) Non-regulated.

IATA (air) Petroleum Distillate, n.o.s., 3, UN1268, III

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

NOTE: In containers of 119 gallons and less this product is not regulated by DOT.

Transported by air or marine vessel: Bulk or non-bulk packagings
Petroleum Distillate, n.o.s., 3, UN1268, III

Section 15. Regulatory Information

TSCA: This product is listed on the TSCA Inventory at CAS Registry # 64742-48-9.

CLEAN WATER ACT/OIL POLLUTION ACT: This product is classified as an oil under section 311 of the CLEAN WATER ACT (40CFR 110) and the OIL POLLUTION ACT of 1990. Discharge of spills which produce a visible sheen on either surface water, or in waterways/sewers which lead to surface water, must be reported to the National Response Center at 1-800-424-8802.

CERCLA: If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

SARA TITLE III: Under the provisions of Title III Sections 311/312, this product is classified into the following hazard categories: Fire
This information may be subject to the provisions of the Community Right-to-Know Reporting Requirements (40CFR370) if threshold quantity criteria are met.

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Section 16. Other Information

NFPA Rating: Health: 1 Flammability: 2 Reactivity: 0 Special Key Note: None

HMIS Rating: Health: 1 Flammability: 2 Reactivity: 0

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.