

MATERIAL SAFETY DATA SHEET

NO. 837 P. 4/5

FABRITEC INTERNATIONAL  
 200 INDUSTRIAL ROAD  
 COLD SPRING, KY 41076  
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1. PRODUCT NAME & HAZARD SUMMARY

**6502 PREMIUM SIZING** FOR PERCHLOROETHYLENE OR PETROLEUM SOLVENT  
 PRIMARY USE: FABRIC SIZING

NFPA HAZARD HEALTH	RATING	SARA TITLE III, SECTION 313 APPLICABLE ( )	CANADA (WHMIS) B: FLAMMABLE, COMBUSTIBLE
FIRE	2 MODERATE	NOT APPLICABLE (X)	
REACTIVITY	0 MINIMAL		

2. HAZARDOUS COMPONENTS

	%	OSHA (PPM) PEL	ACGIH (PPM) TWA	LD 50 (MG/KG) STEL
ALIPHATIC HYDROCARBON C.A.S. #64742-88-7	≤50.0	600	100	N.A.V. N.A.V.

INGREDIENTS NOT IDENTIFIED ARE NON-HAZARDOUS.

3. PHYSICAL & CHEMICAL DATA

APPEARANCE: WATER WHITE VISCOUS LIQUID  
 ODOR: MILD SOLVENT  
 BOILING PT.: 385°F (178°C)  
 FREEZING PT.: N.A.V.  
 pH: N.A.V.  
 % VOLATILE: 50%  
 ODOR THRESHOLD (PPM): N.A.V.

EVAPORATION RATE (BUTYL ACETATE = 1): 0.03  
 VAPOR DENSITY (AIR = 1): APPROX. 5.4  
 VAPOR PRESSURE (MM): 0.5 (68°F)  
 SOLUBILITY IN WATER: SLIGHT  
 SPECIFIC GRAVITY (WATER = 1): 0.81  
 CO-EFFICIENT OF WATER/OIL DISTRIBUTION: N.A.V.

4. FIRE & EXPLOSION HAZARDS

FLASH POINT: 142°F (61°C)  
 FLAMMABLE LIMITS IN AIR, % BY VOLUME: Not determined.  
 FIRE FIGHTING MEDIA (1990 EMERGENCY RESPONSE GUIDEBOOK, DOT # 8300.5): Dry chemical, CO<sub>2</sub>, water spray or alcohol foam. For large fires use water spray, fog or alcohol foam.  
 SPECIAL FIRE-FIGHTING PROCEDURES: Wear self-contained breathing apparatus.  
 UNUSUAL FIRE AND EXPLOSION: None  
 HAZARDOUS COMBUSTION PRODUCTS: Oxides of Carbon  
 CONDITIONS OF FLAMMABILITY: High heat and source of ignition.  
 AUTO IGNITION TEMP. (°C): N.A.V.  
 EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT: N.A.V.  
 SENSITIVITY TO STATIC DISCHARGE: N.A.V.

5. REACTIVITY HAZARD DATA

STABILITY (CONDITIONS TO AVOID): May be ignited by heat, sparks or flames. Vapors may travel to a source of ignition. Container may explode in heat of fire. Run off to sewer may create fire or explosion hazard.  
 INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers and strong reducing agents. Explosion hazard.  
 HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may release toxic and/or hazardous gases.  
 HAZARDOUS POLYMERIZATION (CONDITIONS TO AVOID): Will not occur.

6. HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION \_\_\_\_\_ SKIN X INGESTION X

WARNING: MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. MAY BE HARMFUL IF SWALLOWED.

SIGNS & SYMPTOMS OF EXPOSURE: (ACUTE & CHRONIC)

EYES: Liquid and vapors may cause defatting of skin which can lead to irritation with redness, tearing and blurred vision. Repeated or prolonged contact may cause conjunctivitis.  
 SKIN: Prolonged contact may cause defatting of skin which can lead to irritation and/or dermatitis.  
 INGESTION: May cause gastrointestinal irritation, nausea, vomiting, diarrhea and central nervous system depression with dizziness, weakness, fatigue and headache. Aspiration into the lungs may result in chemical pneumonia which may be fatal.

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**6. HEALTH HAZARD DATA (cont'd)**

INHALATION: Not likely unless heated or misted.  
 IRRITANCY OF PRODUCT: N.A.V.  
 SENSITIZATION TO PRODUCT: N.A.V.  
 CARCINOGENICITY, REPRODUCTIVE TOXICITY, TERATOGENICITY, MUTAGENICITY: N.A.V.  
 TOXICOLOGICALLY SYNERGISTIC PRODUCTS: N.A.V.

**EMERGENCY AND FIRST AID PROCEDURES:**

EYES: Remove contact lenses, if worn. Flush with water for at least 15 min. Call a physician.  
 SKIN: Remove any contaminated clothing. Wash area with water or soap and water for at least 15 minutes, get medical attention.  
 INHALATION: Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.  
 INGESTION: Treat symptomatically, get medical attention immediately. If vomiting occurs, keep head lower than hips to prevent aspiration into lungs.

**7. SPILL AND LEAK PROCEDURES**

Remove sources of ignition.

LARGE SPILLS: Contain and transfer to container for use or disposal.

SMALL SPILLS: Absorb onto rags and clean rags in cleaning unit.

WASTE DISPOSAL METHOD: May be considered a hazardous waste, dispose of according to all applicable regulations.

Incineration in permitted facilities or disposal in permitted land fill are preferred disposal methods.

HANDLING PROCEDURES &amp; EQUIPMENT: Avoid direct contact with product.

STORAGE REQUIREMENTS: Keep away from heat and sources of ignition.

**8. SPECIAL PROTECTION, PREVENTATIVE MEASURES/IN CASE OF LARGE SPILL OR FIRE**

ENGINEERING CONTROLS/VENTILATION: Local exhaust system sufficient to maintain exposure below TWA values.

RESPIRATOR: THE FOLLOWING RESPIRATORS ARE RECOMMENDED &amp; RANKED IN ORDER FROM MIN. TO MAX. PROTECTION:

CHEMICAL CARTRIDGE RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE WITH A FULL FACE PIECE.  
 GAS MASK WITH ORGANIC VAPOR CANISTER WITH A FULL FACE PIECE.  
 TYPE 'C' SUPPLIED-AIR RESPIRATOR WITH FULL FACE PIECE.  
 SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN PRESSURE-DEMAND

PERSONAL PROTECTIVE EQUIPMENT: Wear goggles when handling product.

**9. TRANSPORTATION DATA**

DOT HAZARD CLASSIFICATION 49 CFR 172.101: Combustible liquid, not regulated

DOT LABEL: None

U.N./IATA: Not regulated

**10. STATE RIGHT TO KNOW INFORMATION**

ALIPHATIC HYDROCARBON-C.A.S. #84742-88-7, METHYLSTYRENE RESIN-C.A.S. #9011-11-4, VINYL TOLUENE-  
 METHYLSTYRENE CO-POLYMER-C.A.S. #9017-27-0, PEG (400) DIOLATE-C.A.S. #9005-07-8

**ABBREVIATIONS:**

OSHA = Occupational Safety & Health Administration C.A.S. = Chemical Abstract Service Number  
 TWA = Time Weighted Average for 8 Hours LD 50 = Lethal Dose for 50% Test Animals  
 Mg/M<sup>3</sup> = Milligrams per Cubic Meter of Air PEL = Permissible Exposure Level  
 NFPA = National Fire Protection Agency STEL = Short Term Exposure Level (15 min)  
 (C) = Ceiling, Limit for Exposure ppm = parts per million  
 DOT = Department of Transportation SKN = Skin Effects  
 MG/KG = Milligrams per Kilogram (1,000 grams) IATA = International Air Transport Association  
 WHMIS = Workplace Hazardous Materials Information System - Canada N.A.V. = Not Available  
 ACGIH = American Conference of Government Industrial Hygienists N.A.P. = Not Applicable  
 R.C. = Amount of spill that must be reported to EPA U.N. = United Nations  
 SARA Title III, Sec. 313 = Superfund Amendments and Reauthorization Act

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