

MATERIAL SAFETY DATA SHEET

#594 SOLVENT
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SECTION VI - HEALTH HAZARD DATA

INHALATION: Irritant to the eyes, mucous membranes and respiratory tract. May cause labored breathing, depression of central nervous system, tremors and decreased heart rate. At high concentrations, death from respiratory depression may occur. Repeated or prolonged exposures to high concentrations may cause kidney and liver damage. LCLo (4 Hr., rat) = 2000 PPM.

INGESTION: Produces systemic effects similar to those seen with inhalation. LD50 (rat) = 1620 MG/KG. LD50 (mouse) = 1400 MT/KG.

EYE CONTACT: Severe irritant. May produce transient corneal damage.

SKIN CONTACT: Can be absorbed through the skin causing systemic effects similar to inhalation. Prolonged or repeated contact may cause mild irritation and dermatitis. LD50 (rabbit) = 1000 MG/KG.

USUAL CHRONIC TOXICITY: Liver and kidney damage reported in monkeys and rabbits (190 PPM) and rats (105.2 MG/M3). Blood and bone marrow effects reported in rats, dogs and monkeys injected with 142 - 284 MG/KG.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known at this time.

EMERGENCY FIRST AID PROCEDURES

EYE CONTACT: Immediately flush eyes with water for 15 minutes. Get medical assistance.

SKIN CONTACT: Immediately wash with soap and water. Seek medical assistance for irritation or any other symptoms.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

INGESTION: If conscious, induce vomiting by touching finger to back of throat. Get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

NORMAL HANDLING: Wear adequate personal protective equipment. Avoid breathing vapor. Avoid eye and skin contact. Keep away from heat, sparks and open flame. Ground equipment and comply with national electric code.

VENTILATION: Maintain vapor or mist levels below the permissible TWA concentration by the use of an adequate local or mechanical (general) exhaust system at product transfer / use areas. (See Section VIII)

STORAGE: Store in a cool, dry, well-ventilated area away from sources of ignition. Keep away from strong oxidants.

SPILL OR LEAK (ALWAYS WEAR PERSONAL PROTECTIVE EQUIPMENT - SECTION VIII): Eliminate ignition sources. Use water spray to dilute spills to a noncombustible mixture. Contain liquid with dirt, sand, vermiculite or other noncombustible solids. Transfer into metal container for disposal. Do NOT allow spills to enter drains, sewers or waterways.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: None required for adequately ventilated work places. For large spills, wear self-contained breathing apparatus. A full-face respirator with organic cartridge may be used if vapor concentrations are under 1000 PPM.

EYES AND FACE: Chemical safety goggles or face shield. (*Do NOT wear contact lenses*)

HANDS, ARMS, AND BODY: Neoprene gloves and work clothing (long sleeved shirt and trousers). Add rubber raincoat and pants if splashing or liquid contact is anticipated.

OTHER CLOTHING AND EQUIPMENT: Eyewash station and washing facilities are recommended.

SECTION IX - SPECIAL PRECAUTIONS

DEGRADABILITY/AQUATIC TOXICITY: Breakdown via chemical, photochemical and microbial degradation in natural environment. Generally not degraded by hydrolysis. 300 PPM is safe for aquatic life. Halogenation may occur in aqueous environment.

EPA HAZARDOUS SUBSTANCES: Although not listed as a Section 311 hazardous substance, a spill of 5,000 or more is reportable under the hazardous substance regulations of CERCLA.

SECTION X - REGULATORY INFORMATION

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III TOXIC CHEMICAL(S)

SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.

NONE

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