

SECTION III: HAZARDS IDENTIFICATION

HMIS® Rating HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

THRESHOLD LIMIT VALUE: N/A

ACUTE HAZARDS

EYE & SKIN CONTACT: Primary irritation to skin, defatting, dermatitis. Absorption through skin increases exposure. Primary irritation to eyes include; redness, tearing, blurred vision. Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION: Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful. Breathing vapor can cause irritation. Acute overexposure can cause damage to kidneys, blood, nerves, liver & lungs.

SWALLOWING: Swallowing can cause abdominal irritation, nausea, vomiting, & diarrhea.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED: Absorption thro skin may be harmful. Chronic overexposure can cause damage to kidneys, blood, nerves, liver & lungs. Persons with severe skin, liver, heart, lung, or kidney problems should avoid use.

CANCER HAZARD: This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA, or ACGIH, as of this date, greater than or equal to 0.1%.

SECTION IV: FIRST AID MEASURES

EYE CONTACT: Immediately flush with plenty of water for 15minutes & call a physician.

SKIN CONTACT: In case of contact with skin, wash thoroughly with soap and water. Remove & wash contaminated clothing before reuse. (Discard contaminated shoes.)

INHALATION: Remove victim to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Call a physician immediately.

SWALLOWING: Call a Physician immediately. Induce vomiting promptly using Physician's instructions. Never give anything by mouth to an unconscious person.

SECTION V: FIRE FIGHTING MEASURES & DATA

LOWER FLAMMABLE LIMIT IN AIR (% BY VOLUME): 1.1 (Lowest component)

FLASH POINT (TEST METHOD): None

EXTINGUISHING MEDIA: Use carbon dioxide or foam extinguishers.

SPECIAL FIRE FIGHTING PROCEDURES: Water vapor may be ineffective on fire but can protect fire fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear (helmet with face shield, bunker coats, gloves & rubber boots). Use NIOSH approved positive pressure, self-contained breathing apparatus.

SECTION VI: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Stop spill at source. Dike area & contain. Clean up remainder with absorbent materials. Dispose of collected materials according to Federal, State, & Local Regulations. **WASTE DISPOSAL METHOD:** Recycle or dispose of observing Federal, State, & Local Regulations. If questions exist, contact the proper agencies.

SECTION VII: HANDLING & STORAGE

HANDLING: Use only with adequate ventilation. Avoid prolonged or repeated breathing of vapor or spray mist. Do not get in eyes, on skin or clothing. Wear OSHA standard goggles or face shield. Consult Safety equipment supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

STORAGE: Keep container tightly closed & upright when not in use to prevent leakage. Ground containers when transferring. Do not flame cut, braze, or weld. Empty container very hazardous! Continue all label precautions. Isolate from oxidizers, heat & open flame.

SECTION VIII: EXPOSURE CONTROLS & PERSONAL PROTECTION

EXPOSURE CONTROLS: If engineering controls do not maintain airborne concentrations below recommended exposure limits, an approved respirator must be worn. Respirator type: organic vapor. If respirators are used, a program should be instituted to assure compliance with OSHA Standard 29 CFR 1910.134.

VENTILATION: Use local, general & mechanical exhaust necessary to keep vapor levels below TLV.

PERSONAL PROTECTION: Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

SECTION IX: PHYSICAL DATA

APPEARANCE: Liquid, white

ODOR: mild

BOILING RANGE: 212-342°F

SPECIFIC GRAVITY: 1.04

POUNDS/GALLON: 8.65

VOC's: (275Grams/Litre) (2.29LBS/GALLON)

VAPOR PRESSURE: 10.6 mm HG @ 20°C

VAPOR DENSITY: .8

% VOLATILE BY VOLUME: 71

SECTION X: REACTIVITY DATA

STABILITY: stable

MATERIALS & CONDITIONS TO AVOID: isolate from oxidizers such as permanganates, chromates, & peroxides, heat, & open flame. Do not allow product to freeze.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, carbon dioxide from burning.

HAZARDOUS POLYMERIZATION: will not occur

OTHER COMMENTS

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based on data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. Users must have MSDS available in workplace. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.