

MATERIAL SAFETY DATA SHEET

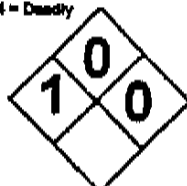
DATE PREPARED: February 1, 1993
PREPARED BY: Stewart

INFOTRAC
UCI POISON CONTROL

PRODUCT
SAFETY ONE (Light Duty)

MANUFACTURER
S. T. C.
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0 = Non-Hazardous
1 = Slight Hazard
2 = Hazardous
3 = Extreme Hazard
4 = Deadly



PRODUCT NUMBER
100

CHEMICAL FAMILY
ORGANIC SOLVENT BLEND
DOT CLASSIFICATION
CLEANING
COMPOUND, NO1, LIQUID

HAZARDOUS INGREDIENTS

HAZARDOUS MATERIALS	CAS NUMBER	PERCENT BY VOLUME	EXPOSURE LIMITS IN AIR ACGIH(TLV) OSHA(PEL)
d-LIMONENE	5989-27-5	Low	1000 PPM 1000 PPM

The V.O.C.'s for this product have been established at 190 Mg/Liter
SAFETY ONE meets or exceeds E.P.A. Standards for biodegradability

EFFECTS OF OVER EXPOSURE

SKIN: Contact of this product upon the skin can cause slight irritation. There is also the possibility of defatting of the skin due to the removal of the skins natural oils. There are no known acute or chronic effects.

EYES: Contact of this product upon the eyes can cause slight irritation of the eyes and eyelids. There are no known acute or chronic effects.

INHALATION: Fumes from this product are generally considered non-toxic, but can cause slight irritation to the mouth, esophagus, and lungs. There are no known acute or chronic effects.

INGESTION: When concentrated solutions of this product are swallowed. It can cause slight irritation to the mouth, esophagus, and stomach. There are no known acute or chronic effects.

FIRST AID PROCEDURES

SKIN: Flush exposed area with lukewarm water.

EYES: Flush eyes with cool water for 30 minutes. Consult a physician if irritation persists.

INHALATION: Fumes from this product are generally considered harmless.

INGESTION: Induce vomiting. Have patient drink large amounts of water or milk and consult physician immediately.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

The Medical Conditions Aggravated By Exposure are the same as over exposure possible dermatitis or eczema.

CARCINOGEN STATUS

No ingredients used in this product are found on the
Federal OSHA, NTP, State of California OSHA, OR IARC carcinogens lists

SPILL CONTROL

SMALL SPILL: Flush area with water to an industrial sewer line.

LARGE SPILL: Contains spill with dikes of absorbant materials such as clay, sand, or vermiculate. This material is non-hazardous and may be disposed of as non-hazardous refuse.

WASTE DISPOSAL

All hazardous materials must be solidified and disposed of in an EPA approved class one facility. When disposing of chemicals, contact local, state, and federal environmental agencies to fully understand the necessary regulations governing the disposal of chemical wastes.

FIRE & EXPLOSION HAZARDS

FLASH POINT: 204° F

FLAMMABLE LIMITS

FIRE EXTINGUISHING MATERIALS

SPECIAL FIRE FIGHTING PROCEDURES: THIS PRODUCT WILL NOT BURN OR SUP-
PORT COMBUSTION

UNUSUAL FIRE & EXPLOSION PROCEDURES: NONE

METHOD AVERAGE

LOWER NONE

UPPER NONE

WATER, SAND, CO₂, DRY FOAM, HALON

REACTIVITY DATA

Stability: X Stable Unstable

Conditions to Avoid: Heat or Direct sunlight. May cause stratification of product if product is subjected to high temperatures. No other harmful effects.

Incompatibility (Materials to avoid): None

UNDER NORMAL CONDITIONS HAZARDOUS POLYMERIZATION WILL NOT OCCUR

PHYSICAL DATA

Boiling Point 358 °F

Specific Gravity 1.08

Vapor Pressure N/A

% Volatiles 92.0

Vapor Density N/A

Evaporation Rate 1.09

pH (Concentrate) N/A

pH (1% Solution) 7.3

Solubility in Water: This product is miscible in water

Appearance and Odor: Clear to pale yellow liquid with a slight citrus odor.

PROTECTIVE INFORMATION

Respiratory Protection: Please use in a ventilated room. No respiratory protection is recommended.

Protective Gloves: Neoprene gloves are recommended when handling this product. Simply rinse exposed area with water.

Eye Protection: When handling this or any other chemical product and there is the possibility of splashing it is recommended that proper protection for the eyes be worn. This consists of chemical resistant glasses and/or goggles.

SPECIAL PRECAUTIONS

- Chemicals can be hazardous if not respected. The use of proper equipment and procedures for handling chemicals are not only of benefit for their obvious uses, but can reduce the possibility of serious injury and loss time accidents.
- Keep this material away from high heat sources and observe proper housekeeping procedures.
- Protective Measures during Maintenance of Contaminated Equipment: Wash off with water.
- DO NOT mix chemicals unless instructed by qualified personnel.

This data is furnished gratuitously independent of sale of the product and only for your investigation and independent verification. While the data is believed to be correct, S.T.C. shall in no event be responsible for damages whatsoever, directly or indirectly, resulting from the publication or use of/ or reliance upon data contained herein. No warranty, either implied or expressed, of merchantability of fitness or of any nature with respect to the product or to the data made herein. You are urged to obtain data sheets for all S.T.C. materials you buy, process, or distribute, and are encouraged to advise anyone working with or exposed to such materials of the information contained herein.

SOURCES:

- 1) Dangerous Properties of Industries Materials; Sax, 8th Edition
- 2) Handbook of Toxic and Hazardous Chemicals & Carcinogens; Sittig, 2nd Edition
- 3) Condensed Chemical Dictionary; Hawley, 10th Edition
- 4) TLV's and Biological Exposure Indices for 1985-86; ACGIH, 2nd Printing
- 5) Director's List of Hazardous Substances; State of California, 1st. Printing
- 6) Title 29 CFR parts 1900 to 1910, Revised as of July 1, 1984
- 7) Documentation of TLV's and BEI's; ACGIH, 5th Edition
- 8) Guidelines for the selection of Chemical Protective Clothing; ACGIH, 2nd Printing
- 9) Emergency Response Guidebook; Department of Transportation; 1984 Edition