

Preferred Industrial

MATERIAL SAFETY DATA SHEET

EMERGENCY#: CANUTEC (613)996-6666

PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

PRODUCT NAME: Lectrasol II	EFFECTIVE DATE: 20 September 2010
WHMIS CLASS: Class A, Class D-Div1B	
T.D.G. CLASSIFICATION: Consumer Commodity.	
UN: N/A CLASS: N/A PG: N/A	CHEMICAL FAMILY:
MATERIAL USE: Electronic motor and parts cleaner.	

HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt%	ACGTH-TLV	LC50	LD50
Trichloroethylene	79-01-6	80-100%	50ppm TWA	N/A	N/A
Isopropyl Alcohol	67-63-0	01-05	400 ppm	4420 mg/kg Oral Rat	22627 ppm Rat 4hr
Carbon Dioxide	124-38-9	1-5%	5000ppm TWA	N/A	N/A

PHYSICAL DATA

BOILING POINT(°F): 180	COEF. OF WATER/OIL DIST.: N/A
VAPOUR PRESSURE (mm Hg): 90	SPECIFIC GRAVITY (H₂O=1): 1.462
VAPOUR DENSITY (Air=1): 4.53	PERCENT VOLATILE (by vol.): N/A
SOLUBILITY IN WATER: 0.1gm/100gm@25oF	EVAPORATION RATE (H₂O=1): N/A
PHYSICAL STATE: Liquid	ODOUR THRESHOLD: Not specified
pH (as supplied): N/A	FREEZING POINT(°C): Not specified
APPEARANCE AND ODOUR: Clear liquid and mild odor.	

FIRE AND EXPLOSION DATA

FLAMMABILITY: Non flammable spray
FLASH POINT (Deg C method): None to boiling 180°F
UEL: N/A LEL: N/A
HAZARDOUS COMBUSTION PRODUCTS: Not specified
MEANS OF EXTINCTION: Foam, CO2, dry media
SPECIAL FIRE HAZARDS: Wear self contained breathing apparatus, and protective clothing. Cool fire exposed containers to prevent rupturing. Exposure to temp. above 120°F may cause bursting.

REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY: Stable
INCOMPATIBILITY: Avoid contact with strong oxidizing agents, alkaline, magnesium, aluminum and reactive metals.
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride, phosgene (small amount)
REACTIVITY: None.

FIRST AID

EYE: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. IF irritation persists, get medical attn.
SKIN: Thoroughly wash exposed area with soap and water. Remove contaminated clothing; launder before reuse.
INHALATION: Remove to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, administer artificial respiration. Keep person warm, quiet and seek medical attention immediately.
INGESTION: Do not induce vomiting. Seek medical attn. immediately. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Eyes, skin contact, inhalation, ingestion

EFFECTS OF ACUTE EXPOSURE:

EYE/SKIN: Contact with eyes and skin can cause severe irritation, redness, tearing, blurred vision. Prolonged or repeated contact will cause defatting of the skin and dermatitis in some cases. May cause allergic skin reaction

INHALATION: Inhalation of mist can cause irritation of nasal and respiratory passages. Repeated and prolonged exposure to high levels of solvent vapors may cause permanent brain damage. May also cause liver and kidney damage.

INGESTION: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis.

EFFECTS OF CHRONIC EXPOSURE:

SKIN: See above

IRRITANCY: Not specified

RESPIRATORY TRACT SENSITIZATION: Not specified

CARCINOGENICITY: Not specified

REPRODUCTIVE TOXIN: Not specified

TERATOGENICITY: Not specified

MUTAGENICITY: Not specified

SYNERGISTIC MATERIALS: Not specified

EXPOSURE LIMITS: Not specified

PREVENTATIVE MEASURES

GLOVES: Wear protective gloves such as poly vinyl or poly ethylene.

EYE PROTECTION: Chemical splash goggles in compliance with OSHA are advised.

RESPIRATORY PROTECTION: If workplace exposure limits or product or any component is exceeded use a NIOSH/MSHA approved air supplies respirator.

OTHER PROTECTIVE EQUIPMENT: Not specified.

ENGINEERING CONTROLS: Should be implemented to reduce exposure.

LEAK AND SPILL PROCEDURE: Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources, and open flame for away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with federal, provincial, local laws.

WASTE DISPOSAL: Aerosol cans when emptied and depressurized through normal use pose no disposal hazard and should be recycled. Consult authorities for proper procedures.

STORAGE REQUIREMENTS: None specified.

HANDLING PROCEDURES: None specified.

DISCLAIMER: Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases, data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that the user of this material has been full trained according to the mandatory requirements of WHIMIS. No warranty, expressed or implied is made, and supplier will not be liable for any losses, injuries, or consequential damage which may result from the use or reliance on any information contained in this form.

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