

ENVIROSAFE CHEMICALS CANADA

MATERIAL SAFETY DATA SHEET

SECTION 1-PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: ELEC 500A (BULK)

PRODUCT IDENTIFICATION
NUMBER (PIN) E500

PRODUCT USE: Solvent based blend contact cleaner

Manufacturers Name: Envirosafe Chemicals Canada

Address: PO Box 1792 – 10011 Thatcher Avenue

City: North Battleford Province: SK Postal Code: S9A 3W8 Tel: 306-446-0505

SECTION 2-HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES AND ROUTE)	LC OF INGREDIENT (SPECIFY SPECIES)	TLV (ACGIH)
Trichloroethylene	30%	000079-01-6	10,000 mg/kg (rabbit)	12,500 ppm (rat)	
1,2-butylene oxide	0.5%	000106-88-7			
Stabilizers					

SECTION 3-PHYSICAL DATA

PHYSICAL STATE: Liquid ODOUR AND APPEARANCE: colourless ODOUR THRESHOLD (PPM): Not available
Liquid (solvent base)

VAPOUR PRESSURE: 60 mmhg @ 20°C VAPOUR DENSITY: 4.53 EVAPORATION RATE: >1
(mm Hg) (AIR=1)

BOILING POINT (°C) 189°F (87°C) FREEZING POINT(°C)<0° pH: Not available

SPECIFIC GRAVITY: 1.46 @ 25/25C COEFF. WATER/OIL DIST.: Not available

SECTION 4-FIRE AND EXPLOSION DATA

FLAMMABILITY: No IF YES UNDER WHICH CONDITION?

MEANS OF EXTINGUISHMENT: carbon dioxide, dry chemical FLASHPOINT (°C) AND METHOD:°F None
as appropriate for surrounding fire.

UPPER FLAMMABLE LIMIT (% BY VOLUME):°C 15.0 LOWER FLAMMABLE LIMIT (% BY VOLUME):°C 7.5

AUTOIGNITION TEMPERATURE (°C): not available HAZARDOUS COMBUSTION PRODUCTS: Possible phosgene
over 500°C. Chlorine gas, hydrochloric acid,
hydrocarbon fumes and smoke. Carbon monoxide
Where combustion is complete.

EXPLOSION DATA SENSITIVITY TO IMPACT: SENSITIVITY TO STATIC DISCHARGE:
Exposure to temp. above 50°C Not available
may cause the container to explode.

SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY: yes under normal condition

IF NO UNDER WHICH CONDITION? Strong oxidizing agents

INCOMPATIBILITY WITH OTHER SUBSTANCES: Do not mix with strong acids, oxidants, etc.

REACTIVITY, AND UNDER WHAT CONDITIONS: Not available

HAZARDOUS DECOMPOSITION PRODUCTS: Strong oxidizing agents. Hydrogen Chloride and traces of chlorine
and phosgene.

PRODUCT IDENTIFICATION: ELEC 500A

SECTION 6-TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

SKIN CONTACT: X SKIN ABSORPTION: EYE CONTACT: X INHALATION: X INGESTION: X

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Breathing high concentrations of vapour may cause light-headedness giddiness or shortness of breath.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: No chronic toxicity data available

EXPOSURE LIMITS: LD50 (rat is 4920 mg/kg

SENSITIZATION OF PRODUCT: Not known

CARCINOGENICITY: not known

TERATOGENICITY: Not available

REPRODUCTIVE TOXICITY: None known

MUTAGENICITY: Not available

SYNERGISTIC PRODUCTS: None known

SECTION 7-PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses recommended. Use a breathing device if TLV is exceeded or when used indoors on a continuous basis

GLOVES: not normally required RESPIRATOR: Use approved NIOSH or MSHA breathing device in confined areas EYE: safety glasses

FOOTWEAR: not normally required CLOTHING: not normally required OTHER: not applicable

ENGINEERING CONTROL (SPECIFY, EG. VENTILATION ENCLOSED PROCESS): Provide mechanical ventilation of confined spaces for continues use or if TLV is exceeded.

LEAK AND SPILL PRODUCE: Ventilate area, remove from open flames. Small spills may be wiped, large spills collected for disposal. Absorbent material may be used to soak up spills.

WASTE DISPOSAL: Use standard waste disposal procedure in accordance with Federal, Provincial and local regulations. Do not puncture or incinerate can.

HANDLING PROCEDURES AND EQUIPMENT: Keep away from heat, sparks and open flames. Do not place in hot water.

STORAGE REQUIREMENTS: Store in cool dry well ventilated area below 50°.

SPECIAL SHIPPING INFORMATION: Label as "Consumer Commodity"

SECTION 8-FIRST AID MEASURES

EYE: Flush immediately with plenty of water for at least 15 minutes and get medical attention.

SKIN: Wash thoroughly with soap and water; if irritation persists call a physician.

INHALATION: Remove to fresh air. Apply artificial respiration if necessary. Call a physician.

INGESTION: If swallowed, do not induce vomiting get medical attention. Rinse mouth with water. Do not give anything by mouth if victim is unconscious call a physician.

PRODUCT IDENTIFICATION: ELEC 500A**SECTION 9-ADDITIONAL INFORMATION**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the Information required by the CPR.

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SECTION 10-PREPARATION DATE OF MSDS

PREPARED BY: ENVIROSAFE CHEMICALS CANADA TECHNICAL DEPT. PHONE NUMBER: 306-446-0505 DATE: February 1, 2016

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