

ELECTRA 600

DIELECTRIC ENCAPSULATOR

**DEMOISTURANT
PENETRANT**

**CORROSION PREVENTIVE
DE-ICIER**

**FRICITION MODIFIER
INERT LUBRICANT**

Electra 600 displaces water from wetted out insulation, electrical and electronic components, dried out for immediate use without baking. Improves Megohm measurements. Although non-conductive, it prevents loss of contact in electrical equipment and supports conductivity. Will not harm insulation, most plastics, finishes, enamels, and lacquers. It actually improves dielectric properties.

ELECTRA 600 EFFECTIVELY PENETRATES AND LOOSENS RUST, GUM, CORROSION, FROZEN PARTS, JOINTS AND CONNECTIONS.

Electra 600's ultra-thin protective and flexible film is non-toxic and non-irritating, protects and prolongs the life of operational equipment against corrosion, moisture, and harmful atmospheric and industrial pollution-results in easier cleaning. Durable in humid or corrosive atmospheres.

Electra 600 is fully formulated synthetic friction rope dressing.

Electra 600 is an inert lubricant that forms a protective barrier against corrosion and erosion, guard's metals and equipment against water, water vapor, chemical fumes, and dust and abrasive matter.

Electra 600 makes an affective welding splatter shield Spray or brush on metal before welding. Brushes of easily

ELECTRA 600

***NON-FLAMMABLE
*NON IRRITATING**

***NON-CONDUCTIVE
*ENVIRONMENTALLY SAFE**

USES

MOTORS, RELAYS, SWITCHES, PLUGS, POTENTIO METERS, FUSES, GENERATORS, BATTERIES, AMPLIFIERS, PRINTED CIRCUITS, JACKS, SOLENOIDS, RHEOSTATS, MAGNETS, IGNITIONS, LOCKS, HINGES, CASTERS, APPLIANCES, INSTRUMENTS, TOOLS, VALVES, THROTTLE CONTROLS, BUSHINGS, CARBURETOR LINKAGES, MOTOR WINDINGS, NUTS, BOLTS, SHIP TOOLS, FARM EQUIPMENT, HIGHWAY TRUCKS, VENDING MACHINES, SWITCHBOARDS, FRICTION ROPES.

ELECTRA 600 IS A SPECIAL BLEND OF SOLVENTS FORMULATED TO PROVIDE THE SAFEST, LEAST TOXIC CLEANING AND GREASE REMOVING SOLVENT FOR GENERAL USE. IT IS FORMULATED IN STRICT ACCORDANCE WITH US MILITARY SPECIFICATIONS MIL-S-18718. IT IS TOTALLY NON-FLAMMABLE AND NON-COMBUSTIBLE. IT HAS NO FLASH POINT AND NO FIRE POINT. IT GIVES OFF NO HAZARDOUS FUMES. 500PPM M.A.C. NON CONDUCTIVE, IT HAS A DIELECTRIC CONSTANT OF OVER 4,500 VOLTS

TECHNICAL DATA SHEET

ENVIROSAFE CHEMICALS CANADA MATERIAL SAFETY DATA SHEET

SECTION 1-PRODUCT IDENTIFICATION AND USE

PRODUCT IDENTIFIER: Electra 600 Aerosol PRODUCT IDENTIFICATION NUMBER (PIN) E600AR
PRODUCT USE: Solvent based pressurized blend and bulk (carbon dioxide blend in aerosol.) Lubricant and Cleaner.
HS CODE TERRIF CLASSIFICATION: 3824.90.90.90 (Harmonization Code for Export) (Add to export info)
MANUFACTURER'S 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 (SPECIFY SPECIES AND ROUTE)	%	CAS NUMBER (SPECIFY SPECIES)	LD50 OF INGREDIENT	LC OF INGREDIENT	TLV (ACGIH)
Trichloroethylene	80-90	000079-01-6	10,000 mg/kg	12,500 PPM (rat)	
Calcium Petroleum Sulfonate	10-20	N/A	>5g/kg rats	N/A	

(CEPA) All components of this product are either on the domestic substance list (DSL) or exempt (TSCA) all ingredients are on the (TSCA) inventory or are not required to be listed on the TSCA inventory.

SECTION 3-PHYSICAL DATA

PHYSICAL STATE: liquid ODOUR AND APPEARANCE: ODOUR THRESHOLD (PPM):
Red/brown-liquid solvent odour not available

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

BOILING POINT (°C) Initial: 70°C FREEZING POINT (°): <0°C pH: Not available

SPECIFIC GRAVITY: 1.18 COEFF. WATER/OIL DIST.: Not available %VOLATILE (BY WEIGHT):>80%

SECTION 4-FIRE AND EXPLOSION DATA

FLAMMABILITY: None flammable IF YES UNDER WHICH CONDITION?

MEANS OF EXTINCTION: As appropriate for the surrounding fire. FLASHPOINT (°C) AND METHOD:>100°C

UPPER FLAMMABLE LIMIT (% BY VOLUME): Not available LOWER FLAMMABLE LIMIT (% BY VOLUME):
Not available

AUTOIGNITION TEMPERATURE (°C): HAZARDOUS COMBUSTION PRODUCTS: Oxides
Not available of carbon, traces of Hydrochloric acid, phosgene, etc.

EXPLOSION DATA SENSITIVITY TO IMPACT: Contents SENSITIVITY TO STATIC DISCHARGE: N/A

AUTOIGNITION TEMPERATURE (°C): HAZARDOUS COMBUSTION PRODUCTS:
Not Available oxides of carbon, Traces of Hydrochloric acid, phosgene, etc.

EXPLOSION DATA SENSITIVITY TO IMPACT: Contents SENSITIVITY TO STATIC DISCHARGE: N/A
Under pressure. Exposure to temperatures above 50°C may cause the container to explode.

SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY: Yes IF NO? UNDER WHICH CONDITION?

INCOMPATIBILITY WITH OTHER SUBSTANCES: No (strong oxidants)

REACTIVITY, AND UNDER WHAT CONDITIONS: Not known

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen chloride and traces amounts of chlorine and Phosgene

TECHNICAL DATA SHEET

ENVIROSAFE CHEMICALS CANADA

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PRODUCT IDENTIFICATION: ELECTRA 600 Aerosol

SECTION 6-TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY:

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

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Prolonged contact may irritate skin, eyes and mucous Membranes

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: May cause skin drying

EXPOSURE LIMITS: Trichloroethylene LD50 (rat is 49 20 mg/kg BUTOXYETHANOL: T.L.V. 25 ppm IRRITANCY OF PRODUCT: May cause skin 2 irritation

SENSITIZATION OF PRODUCT: None known

CARCINOGENICITY: None known

TERATOGENICITY: None known

MUTAGENICITY: None known

REPRODUCTIVE TOXICITY: None known

SYNERGISTIC PRODUCTS: None known

SECTION 7-PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Use safety glasses and chemical resistant gloves. Use approved respirators if TLV is exceeded.

GLOVES: rubber/PVA gloves RESPIRATOR: If vapour concentration is high EYE: Safety goggles
Use approved NIOSH or MSHA breathing apparatus.

FOOTWEAR: Not normally required CLOTHING: Not normally required OTHER: Eye bath

ENGINEERING CONTROL (SPECIFY, EG. VENTILATION ENCLOSED PROCESS): Provide mechanical Ventilation of confined spaces

LEAK AND SPILL PROCEDURE: Ventilate prevent additional discharge, recover by pumping up material Absorbent material may be used to soak up spills. Notify appropriate authorities immediately.

WASTE DISPOSAL: Dispose of through a licensed waste disposal facility. Do not puncture or incinerate.

HANDLING PROCEDURES AND EQUIPMENT: Provide adequate ventilation. Avoid eye and skin contact.

Do not place in hot water.

STORAGE REQUIREMENTS: Store in a cool dry area. Keep containers closed. Store in well ventilated area below 50°C.

SPECIAL SHIPPING INFORMATION: Label as "Consumer Commodity."

SECTION 8-FIRST AID MEASURES

EYE: Flush with copious amounts of water for at least 15 minutes. Call a physician immediately.

SKIN: Wash with soap and water for at least 15 minutes. Call a physician

INHALATION: Remove to fresh air. Apply artificial respiration if necessary (call a physician)

INGESTION: Do not induce vomiting. Rinse mouth with water. Do not give anything by mouth if victim is unconscious. Call a physician immediately.

SECTION 9-PREPARATION DATE OF MSDS

PREPARED BY: ENVIROSAFE TECHNICAL DEPT PHONE NUMBER: 306-446-0505

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