

MATERIAL SAFETY DATA SHEET
THE CORTEC CORPORATION
4119 WHITE BEAR PARKWAY
ST. PAUL, MINNESOTA 55110
PHONE: 651-429-1100 OR TOLL FREE 1-800-4-CORTEC
FAX: 651-429-1122

EMERGENCY PHONE NO.: CHEMTREC (FOR SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT): 1-800-424-9300 (DAY OR NIGHT)

***** EcoSpray Electronic Cleaner 238 *****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **EcoSpray Electronic Cleaner 238**

PRODUCT DESCRIPTION: A proprietary blend of corrosion inhibitors in a solvent carrier.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT NAME(S)	WEIGHT (%)	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
Mineral spirits CAS #64742-48-9	70-80	100 ppm (ACGIH)	N.E.

Carcinogenic: **OSHA** = no **NTP** = no **IARC** = no

SECTION III - PHYSICAL DATA

COLOR: Clear slightly yellow PHYSICAL FORM: Liquid
NON-VOLATILE (weight): 7-10% pH: N.E.
VAPOR DENSITY: N.E. ODOR: Petroleum
VAPOR PRESSURE: N.E. BOILING RANGE: N.E.
EVAPORATION RATE: N.E. MELTING RANGE: N.A.
DENSITY: 6.5-6.8 lb/gal (0.78-0.81 kg/l)

SECTION IV - FIRE AND EXPLOSION DATA

HMIS FLAMMABILITY RATING: 2
FLASH POINT: 177°F (80°C)
FLAMMABLE LIMITS: LEL: 1.3 UEL: 8.8 (77°F/25°C)
EXTINGUISHING MEDIA: Carbon dioxide or other dry chemical fire fighting agents.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus.

SECTION V - HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES:
Eye Contact: Flush eyes with water for at least 15 minutes. Consult a physician. Skin Contact: Wash affected area with soap and water. If irritation persists, consult a physician. Inhalation: Remove to an uncontaminated area, administer oxygen if necessary. If victim has stopped breathing begin CPR. Get medical attention. Ingestion: If conscious, give water but do not induce vomiting. Get immediate medical attention.
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known
PRIMARY ROUTES OF ENTRY: Skin contact.
HEALTH HAZARDS (acute and chronic) / EFFECTS OF OVEREXPOSURE:

1. Repeated or prolonged skin contact with this material can cause moderate irritation and defatting of skin leading to possible chronic dermatitis.
2. Contact of eye tissues with liquid and/or high vapor concentrations may cause eye irritation.

3. Excessive inhalation of high vapor concentrations and/or particle mists of this product may cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. An LD-50 value for inhalation of mineral spirit vapors is listed in literature as 3,400 ppm for 4 hours in laboratory animals.
4. Ingestion of this product is expected to cause gastrointestinal irritation. Also, aspiration of this material into the lungs can cause chemical pneumonia.

SECTION VI - REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS (Under fire conditions): Oxides of carbon and nitrogen.
INCOMPATIBILITY: Avoid contact with strong acids, alkalis and oxidizing agents.
CONDITIONS TO AVOID: Contact with incompatible materials.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb on sweeping compound or other absorbent material.
WASTE DISPOSAL: Incinerate or dispose of in accordance with existing Federal, State and Local environmental regulations.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: A NIOSH approved respirator is recommended when used in closely confined areas.
PROTECTIVE GLOVES: Not necessary.
EYE PROTECTION: Safety goggles.
OTHER PROTECTIVE EQUIPMENT: Not necessary.

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid eye and skin contact. Avoid excessive inhalation of vapors and/or particle mists. Use in a well-ventilated environment.
PRECAUTIONS TO BE TAKEN IN STORING: Keep containers tightly closed. Store below 100°F (38°C) and away from heat or open flame.

SECTION X - SHIPPING DATA

DOT/IATA/IMDG SHIPPING NAME: Petroleum distillates, nos.
UN/NA NUMBER: 1268
DOT/IATA HAZARD CLASS: 3
T.S.C.A. STATUS: Listed
DOT/IATA REQUIRED LABELS: Flammable liquid
TECHNICAL SHIPPING NAME: Mineral Spirits
IMDG HAZARD CLASS: 3.3
IMDG CODE: Page 3375, Amdt. 28-96

PREPARED BY: Margarita Kharshan, R&D Manager
APPROVED BY: Christophe Chandler, Lab Director
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N.E. = NOT ESTABLISHED N.A. = NOT APPLICABLE