

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

***** EcoLine™ Heavy Duty Grease*****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **EcoLine™ Heavy Duty Grease**

PRODUCT DESCRIPTION: Biodegradable grease containing corrosion inhibitors.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT NAME(S)	WEIGHT (%)	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
Graphite, Amorphous CAS# 7782-42-5	5-8	2 mg/m ³ (oil mist)	N.E.

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

SECTION III - PHYSICAL DATA

COLOR: Red

PHYSICAL FORM: Grease ODOR: Faint

NON-VOLATILE (WEIGHT): 95-99.9%

FREEZING POINT: N.E.

BOILING RANGE: N.E.

pH: N.E.

MELTING RANGE: N.A.

EVAPORATION RATE: N.E.

VAPOR DENSITY: N.E.

VAPOR PRESSURE: N.E.

DENSITY: 7.3-7.6 lb/gal (0.87-0.91 kg/l)

SECTION IV - FIRE AND EXPLOSION DATA

HMIS FLAMMABILITY RATING: 1

FLASH POINT: >200°F (>93°C) (COC)

FLAMMABLE LIMITS: LEL: N.E. UEL: N.E.

EXTINGUISHING MEDIA: Carbon dioxide or other dry chemical fire fighting agents.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may rupture when exposed to extreme heat.

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 large amounts of water. Consult physician immediately. Skin Contact: Wash affected area with soap and water. If irritation persists, consult a physician.

Inhalation: Remove to 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: Inhalation, skin and eye contact.

HEALTH HAZARDS (acute and chronic) / EFFECTS OF OVEREXPOSURE:

1. Repeated or prolonged skin contact may cause slight irritation.
2. Contact with eye tissues will cause irritation and possible damage unless prompt first aid measures are taken.
3. Inhalation of product vapors is not expected at ambient temperatures because of the low vapor pressure of the product. Inhalation of particle mists or vapors from hot

product may be harmful to the respiratory system. Minimize exposure to mists, fumes or vapors.

4. Ingestion: contains material that may be practically nontoxic.

SECTION VI REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen and sulfur.

INCOMPATIBILITY: 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: Recover free product. Add sand, earth, or other suitable absorbent to spill area. Keep out of streams and waterways.

WASTE DISPOSAL: 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 to remove vapors or particle mists when necessary.

PROTECTIVE GLOVES: Chemical resistant rubber or plastic.

EYE PROTECTION: Safety goggles.

OTHER PROTECTIVE EQUIPMENT: Eye wash station

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid eye and skin contact. Avoid excessive inhalation of product vapors.

PRECAUTIONS TO TAKEN IN STORING: Completely drain "Empty" drums, properly bung and promptly dispose in an environmentally safe manner and in accordance with governmental regulations. Recycle drums only through qualified reprocessing organizations.

SECTION X - SHIPPING DATA

DOT/IMDG/IATA SHIPPING NAME: N.A.

U.N. / N.A. NUMBER: N.A.

DOT/IMDG/IATA HAZARD CLASS.: N.A.

T.S.C.A. STATUS: Listed

DOT/IMDG/IATA REQUIRED LABELS: N.A.

TECHNICAL SHIPPING NAME: N.A.

FREIGHT CLASS BULK: Same as above

LTL: 65 TL: 35 MW: 30

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APPROVED BY: Boris Miksic, President/CEO

DATE PREPARED: 1/11/08

SUPERSEDES: 3/6/02

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N.E. = NOT ESTABLISHED

N.A. = NOT APPLICABLE