

MATERIAL SAFETY DATA SHEET

THE CORTEC CORPORATION

4119 WHITE BEAR PARKWAY

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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)

***** M-320 *****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **M-320**

PRODUCT DESCRIPTION: A proprietary blend of corrosion inhibitors.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT NAME(S)	WEIGHT PERCENT	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
N.A			

Carcinogenic: OSHA = no NTP = no IARC = no

SECTION III - PHYSICAL DATA

COLOR: Clear dark amber to brown

PHYSICAL FORM: Viscous liquid

ODOR: Petroleum

NON-VOLATILE (weight): 90-97% VAPOR DENSITY: N.E.

MELTING RANGE: N.A. VAPOR PRESSURE: N.E.

EVAPORATION RATE: N.E. BOILING RANGE: N.E.

DENSITY: 7.5-7.7 lb/gal (0.90-0.92 kg/l)

SECTION IV - FIRE AND EXPLOSION DATA

HMS FLAMMABILITY RATING: 1

FLASH POINT: >212°F (>100°C)

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

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 large amounts of water. Consult a physician immediately. 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: Inhalation, skin and eye contact.

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

1. Repeated or prolonged skin contact with petroleum and related products tend to remove natural skin oils leading to irritation and dermatitis.
2. Contact with eye tissues may cause irritation and damage unless prompt first aid measures are taken.
3. Inhalation of product vapors is not expected at ambient temperatures due to 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 of this product is expected to be harmful. Ingestion could result in aspiration into the lungs possibly leading to chemical pneumonia.

SECTION VI - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.

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: 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 to remove vapors or particle mists when necessary.

PROTECTIVE GLOVES: Chemical resistant rubber or plastic.

EYE PROTECTION: Safety goggles.

OTHER PROTECTIVE EQUIPMENT: None

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid eye and skin contact. Avoid inhalation of particle mists.

PRECAUTIONS TO BE 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.

UN/NA 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.

PREPARED BY: Alla Furman, Senior Corrosion Engineer

APPROVED BY: Christophe Chandler, Lab Director

DATE PREPARED: 1/18/00

SUPERSEDES: None

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N.E. = NOT ESTABLISHED

N.A. = NOT APPLICABLE