

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)

***** MCI-2020 *****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **MCI-2020**
 PRODUCT DESCRIPTION: A proprietary blend of corrosion inhibitors in a water carrier.

SECTION II - HAZARDOUS INGREDIENTS

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

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

SECTION III - PHYSICAL DATA

COLOR: Clear to slightly hazy amber
 PHYSICAL FORM: Liquid
 NON-VOLATILE (weight): 20-27% ODOR: Characteristic
 FREEZING POINT: N.E. BOILING RANGE: N.E.
 pH: 9.0-9.7 (Neat) MELTING RANGE: N.A.
 EVAPORATION RATE: N.E. VAPOR PRESSURE: N.E.
 VAPOR DENSITY: N.E.
 DENSITY: 8.6-8.8 lb/gal (1.03-1.05 kg/l)

SECTION IV - FIRE AND EXPLOSION DATA

HMIS FLAMMABILITY RATING: 1
 FLASH POINT: >212°F (>100°C)
 FLAMMABLE LIMITS: LEL: N.E. UEL: N.E.
 EXTINGUISHING MEDIA: Water, 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.
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 swallowed, give water or milk and 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. Contact of eye tissues with liquid and/or high vapor concentrations may be irritating.
 2. Repeated or prolonged contact with liquid may cause mild skin irritation.
 3. Inhalation of product vapors and/or particle mists resulting from the use of this product should be avoided.
 4. Ingestion of this product may be harmful.

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: 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 if necessary.
 PROTECTIVE GLOVES: Chemical resistant rubber or plastic.
 EYE PROTECTION: Safety goggles.
 OTHER PROTECTIVE EQUIPMENT: Not required.

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid contact with eyes. Workers should thoroughly wash hands with soap and water prior to eating, drinking, smoking and using lavatory.
 PRECAUTIONS TO BE TAKEN IN STORING: Keep containers tightly closed.

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: 36

PREPARED BY: Margarita Kharshan, Laboratory Director
 APPROVED BY: Boris Miksic, President/CEO
 DATE PREPARED: 6/26/06 SUPERSEDES: 5/15/03

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N.E. = NOT ESTABLISHED N.A. = NOT APPLICABLE