MATERIAL SAFETY DATA SHEET
THE CORTEC CORPORATION
4119 WHITE BEAR PARKWAY
ST. PAUL, MINNESOTA 55110
PHONE: 612-429-1100 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)

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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: ***VCI-819 Wax/Rinse***

PRODUCT DESCRIPTION: Micro-emulsion of mineral oil in water containing corrosion inhibitors.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT NAME(S)	WEIGHT PERCENT	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
Isopropanol	1-2	400 ppm	N.E.
Aliphatic petroleum distillates	10-15	5 mg/m^3	N.E.
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	5-10	400ppm	N.E.

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

SECTION III - PHYSICAL DATA

COLOR: Yellow
PHYSICAL FORM: Liquid
NON-VOLATILE (weight): 25-30%
ODOR: Slight
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: 7.7-7.9 lb/gal (0.92-0.95 kg/l)

SECTION IV - FIRE AND EXPLOSION DATA

HMIS FLAMMABILITY RATING: 2
FLASH POINT: 125ºF (52ºC)
FLAMMABLE LIMITS: 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 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 swallowed, 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. Eye contact with this product can cause irritation.
2. Repeated or prolonged skin contact can cause moderate irritation and defatting of the skin possibly leading to dermatitis.
3. Excessive inhalation of solvent vapors from this product can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Vapors from hot product may be harmful.
4. Ingestion of this material can 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: 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: SMALL SPILL: Absorb on sweeping compound or other absorbent material. LARGE SPILL: Eliminate all ignition sources. All persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remove remaining liquid on sand, clay, earth, floor absorbent, or other absorbent material and place in containers. Notify proper authorities as required by local, state and federal regulations. WASTE DISPOSAL: SMALL SPILL: Allow volatile portion to evaporate in hood. Dispose of in accordance with applicable regulations. LARGE SPILL: Destroy by liquid incineration. Contaminated absorbent may be deposited in a landfill 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: N.A.

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid eye and skin contact. Avoid inhalation of product vapors.
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/IATA/IMDG SHIPPING NAME: Isopropanol.
DOT/IATA/IMDG REQUIRED LABELS: Flammable liquid
U.N./N.A. NUMBER: 1219 T.S.C.A. STATUS: Listed
DOT/IATA/IMDG HAZARD CLASS.: 3
TECHNICAL SHIPPING NAME: N.A.
FREIGHT CLASS BULK: Same as above
LTL: 70 TL: 35 MW: 30

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DATE PREPARED: 5/14/08 SUPERSEDES: 6/26/98

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