

**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)

\*\*\*\*\*VpCI™-819 D WAX-RINSE\*\*\*\*\*

**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAME: **VpCI™-819 D 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
Aliphatic petroleum distillates	0.2 - 0.3	5 mg/m <sup>3</sup>	N.E.
Quarternary Ammonium Compounds, Dico Alkyldimethyl, chlorides	0.1 - 0.2	400ppm	N.E.

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

**SECTION III - PHYSICAL DATA**

COLOR: Slightly Yellow PHYSICAL FORM: Hazy Liquid  
ODOR: Slight BOILING RANGE: N.E.  
FREEZING POINT: N.E. MELTING RANGE: N.A.  
pH: 8.3-8.8 VAPOR DENSITY: N.E.  
EVAPORATION RATE: N.E. VAPOR PRESSURE: N.E.  
WEIGHT GALLON: 8.2-8.4 lb./gal

**SECTION IV - FIRE AND EXPLOSION DATA**

HMS FLAMMABILITY RATING: 1  
FLASH POINT: >200°F  
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.
3. Excessive inhalation of solvent vapors from this product can cause dizziness and headache.
4. Ingestion of this material can cause gastrointestinal irritation.

**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. 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: N.A.  
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 inhalation of product vapors.  
PRECAUTIONS TO BE TAKEN IN STORING: "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION: THEY MAY EXPLODE CAUSING INJURY OR DEATH. Do not attempt to clean since residue in difficult to remove. 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**

T.S.C.A. STATUS: N.A.  
DOT SHIPPING NAME: N.A.  
U.N. / N.A. NUMBER: N.A.  
DOT HAZARD CLASS.: N.A.  
DOT 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: 3/12/02 SUPERSEDES: 7/15/96  
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N.E. = NOT ESTABLISHED N.A. = NOT APPLICABLE