

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

HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS (under fire conditions): None.
INCOMPATIBILITY: Strong oxidizers and acids.
CONDITIONS TO AVOID: Contact with incompatible materials.

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

***** VCI-418 L *****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **VCI-418 L**
PRODUCT DESCRIPTION: Alkaline cleaner and degreaser.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT NAME(S)	WEIGHT PERCENT	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
Sodium hydroxide	<0.5	2 mg/m ³	N.E.

Carcinogenic: OSHA = no NTP = no IARC = no

SECTION III - PHYSICAL DATA

COLOR: Clear to slightly hazy yellow
PHYSICAL FORM: Liquid ODOR: Mild
pH: 11-12 (1% aqueous)
VAPOR PRESSURE: Same as water
MELTING RANGE: N.A. VAPOR DENSITY: N.E.
EVAPORATION RATE: N.E. BOILING RANGE: N.E.
NON-VOLATILE (weight): 8-10%
DENSITY: 8.9-9.0 lb/gal (1.07-1.08 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 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, give water or milk and induce vomiting. Get immediate medical attention.
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None known
PRIMARY ROUTES OF ENTRY: Eye and skin contact.
HEALTH HAZARDS (acute and chronic) / EFFECTS OF OVEREXPOSURE:
1. Eye contact with this product may produce irritation and burns.
2. Repeated or prolonged contact may cause mild skin irritation.
3. Inhalation of product vapors is not expected to pose a significant health hazard due to the low vapor pressure of the product.
4. Ingestion of this product may be harmful.

SECTION VI - REACTIVITY DATA

STABILITY: Stable

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: None required unless particle mists are generated, then use a NIOSH approved dust/mist respirator.
PROTECTIVE GLOVES: Impervious gloves.
EYE PROTECTION: Safety goggles/splash goggles.
OTHER PROTECTIVE EQUIPMENT: Eye wash station.

SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid eye and skin contact. 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.
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: Margarita Kharshan, R&D Manager
APPROVED BY: Christophe Chandler, Lab Director
DATE PREPARED: 1/17/00 SUPERSEDES: None

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