

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

***** VpCI-426 *****

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: **VpCI-426**

PRODUCT DESCRIPTION: Aluminum cleaner and brightener.

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT NAME(S)	WEIGHT (%)	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	ORAL LD-50
Phosphoric acid	10-15	1 mg/m ³	1500 mg/kg (rat)
Trade Secret	5-10	N.E.	2700 mg/kg (rat)
N-Butoxypropanol	5-10	N.E.	N.E.

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

SECTION III - PHYSICAL DATA

COLOR: Clear colorless PHYSICAL FORM: Liquid
ODOR: Nil pH: N.A.
NON-VOLATILE (weight): 20-26% VAPOR PRESSURE: N.E.
MELTING RANGE: N.A. VAPOR DENSITY: N.E.
BOILING RANGE: N.E.
DENSITY: 8.9-9.1 lb/gal (1.06-1.09 kg/l)
EVAPORATION RATE: Same as water

SECTION IV - FIRE AND EXPLOSION DATA

HMIS FLAMMABILITY RATING: 1
FLASH POINT: >100°C (212°F)
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 quantities of 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 person is conscious, give milk or water and induce vomiting.

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 will produce irritation and possible eye damage unless prompt first aid measures are taken.
2. Repeated or prolonged contact may produce skin irritation.
3. Inhalation of product vapors may be harmful.
4. Ingestion of this product may be harmful.

SECTION VI - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS (under fire conditions): N.A.

INCOMPATIBILITY: Strong oxidizers, bases.

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: Use a NIOSH approved dust/mist respirator unless particle mists are generated.

PROTECTIVE GLOVES: Impervious gloves.

EYE PROTECTION: Splash glasses/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.

PRECAUTIONS TO BE TAKEN IN STORING: Store in a cool, dry place with adequate ventilation.

SECTION X - SHIPPING DATA

T.S.C.A. STATUS: Listed

DOT/IATA/IMDG SHIPPING NAME: Phosphoric acid

U.N. / N.A. NUMBER: 1805

DOT/IATA/IMDG HAZARD CLASS.: 8

DOT/IATA/IMDG REQUIRED LABELS: Corrosive

IMDG Code Page (Amdt. 27-94) 8204

TECHNICAL SHIPPING NAME: N.A.

FREIGHT CLASS BULK: Same as above

LTL: 55 TL: 35 MW: 40

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APPROVED BY: Boris Miksic, President/CEO

DATE PREPARED: 01/07/02 SUPERSEDES: 12/4/98

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N.E. = NOT ESTABLISHED

N.A. = NOT APPLICABLE