

MATERIAL SAFETY DATA SHEET



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CPC DETERGENT

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FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE CALL: CHEMTREC 1-800-424-9300 OUTSIDE US CALL 1-703-527-3887	FOR MEDICAL EMERGENCY CALL ROCKY MOUNTAIN POISON CENTER: 1-303-623-5716	HEALTH HAZARD: (0 None > 4 Extreme) Health =2 Flammability =0 Reactivity =1
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SECTION 1 – PRODUCT IDENTIFICATION

DATE PREPARED: November 5, 2008

SUPERSEDES: December 19, 2006

PREPARED BY: Michael E. Elmore

D.O.T. SHIPPING CLASS: Refer to bill of lading or container label for DOT or other transportation hazard classification; ship in accordance with 49 CFR parts 100-185.

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS. NO.	OSHA PEL	ACGIH TLV	ORAL LD50 RAT	Per-Cent
Sodium Metasilicate	6834-92-0	NE	NE	800 mg/kg	45-60%
Diethylene glycol n-butyl ether	112-34-5	NE	NE	5660 mg/kg	1-5%
Ethoxylated Alcohol	Trade Secret	NE	b NE	NE	1-5%

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: NA

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: 1

VAPOR PRESSURE mm/hg: NA

VAPOR DENSITY (Air=1): NA

REACTIVITY IN WATER: None

pH 5% SOLUTION = 12.7

MELTING POINT: Approx. 212 Deg. F.

APPEARANCE AND ODOR: White powder, slight ethereal odor.

SECTION 4 – FIRE & EXPLOSION DATA

FLASH POINT: NA

FLAMMABILITY LIMITS IN AIR % BY VOLUME:

METHOD USED: NA

LEL LOWER: NA UEL UPPER: NA

AUTO-IGNITION TEMPERATURE: NA

EXTINGUISHER MEDIA: Water, Carbon Dioxide, Foam

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE & EXPLOSION HAZARDS: None

SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): NA

HAZARDOUS DECOMPOSITION PRODUCTS: Heat

HAZARDOUS POLYMERIZATION: Will NOT occur

CONDITIONS TO AVOID: NA

SECTION 6 – HEALTH HAZARDS

ACUTE: Irritating and corrosive to eyes, skin, mucous membranes of the respiratory tract, mouth, throat esophagus and stomach.
Can cause permanent corneal damage.

CHRONIC: None Known

SIGNS & SYMPTOMS OF EXPOSURE: See ACUTE above.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NA

CARCINOGEN OR POTENTIAL CARCINOGENS: OSHA: None NTP: None IARC: None ACGIH: None

EMERGENCY FIRST AID:

EYES: Flush material out immediately then seek medical attention. Immediately flush eyes with large volumes of water for at least 15 minutes holding eyes apart to ensure complete irrigation of the eye/lid. **SEEK MEDICAL ATTENTION IMMEDIATELY!**

SKIN: Flush thoroughly with water while removing contaminated clothing and shoes. Discard non-rubber shoes and wash clothing before re-use. Get medical attention if irritation persists.

INHALATION: Remove to fresh air. If breathing is difficult have a trained person administer oxygen. **SEEK MEDICAL ATTENTION IMMEDIATELY!**

INGESTION: If swallowed. **DO NOT INDUCE VOMITING** give large quantities of water or milk. If vomiting occurs spontaneously, keep airways clear. **SEEK MEDICAL ATTENTION IMMEDIATELY!**

ROUTES OF ENTRY:

INHALATION: Exposure to mist or spray may cause coughing or sneezing. Overexposure may result in lung tissue damage.

EYES: Can cause tissue destruction and permanent eye damage if not treated immediately.

SKIN: Can be a severe irritant. May be corrosive and cause severe burns if not washed off immediately.

INGESTION: Corrosive to mucous membranes of the mouth, throat, esophagus and stomach.

SECTION 7 – SPECIAL PRECAUTIONS & SPILL / LEAK PROCEDURES

HANDLING & STORAGE: Store in a cool dry area. Keep closed when not in use.

OTHER PRECAUTIONS: Normal good housekeeping practices.

IN CASE OF SPILL: Sweep up spilled material.

WASTE DISPOSAL: Dispose of in accordance with all Federal, State and Local pollution control regulations.

SECTION 8 – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NA

VENTILATION: Use with adequate ventilation.

PROTECTIVE GLOVES: Rubber glove or plastic

EYE PROTECTION: Safety Glasses or Goggles

OTHER: Avoid contact with undiluted product.

HYGIENIC PRACTICES: Wash thoroughly after handling.

SECTION 9 – COMMUNITY RIGHT TO KNOW LIST

	<u>CHEMICAL NAME:</u>	<u>C.A.S. NO.</u>
1.	Sodium Metasilicate	6834-92-0
2.	Sodium Tripoly Phosphate	7758-29-4
3.	Ethoxylated Alcohol	Trade Secret
4.	Diethylene glycol n-butyl ether	112-34-5

NA = Not Applicable

NE = None Established

The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The information herein is furnished without warranty of any kind.