

MATERIAL SAFETY DATA SHEET



2621 7th Ave. South
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PRODUCT NAME: PHOSPHATIZER # 2

MSDS NO: 52000.03

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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 =0
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SECTION 1 – PRODUCT IDENTIFICATION

DATE PREPARED: December 1, 2008

SUPERSEDES: September 05, 2000

PREPARED BY: Dean F. Fernholz

D.O.T. SHIPPING CLASS: Class 55, Non-Hazardous Cleaning Compound.

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS. NO.	OSHA PEL	ACGIH TLV	ORAL LD50 RAT	Per-Cent
Ethylene Glycol Monobutyl Ether *	111-76-2	25 ppm SKIN	25 ppm SKIN	470 mg/kg	1-5%

* subject to reporting requirements Section 313 of Title III of SARA and 40 CFR 372.

SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: > 212 °F

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: 1.08

VAPOR PRESSURE mm/hg: 23 @ 70 °F

VAPOR DENSITY (Air=1): 1.2

REACTIVITY IN WATER: Mild acid

pH 5% SOLUTION = 3.2

MELTING POINT: 32 °F

APPEARANCE AND ODOR: Clear liquid, slight ethereal odor

SECTION 4 – FIRE & EXPLOSION DATA

FLASH POINT: > 200 °F

FLAMMABILITY LIMITS IN AIR % BY VOLUME:

METHOD USED: PMCC

LEL LOWER: NA

UEL UPPER: NA

AUTO-IGNITION TEMPERATURE: NA

EXTINGUISHER MEDIA: Non-flammable, water solution

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE & EXPLOSION HAZARDS: None

SECTION 5 – PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Alkaline Chemicals

HAZARDOUS DECOMPOSITION PRODUCTS: NA

HAZARDOUS POLYMERIZATION: Will NOT occur

CONDITIONS TO AVOID: NA

SECTION 6 – HEALTH HAZARDS

ACUTE: Eye irritation or burns

CHRONIC: None Known

SIGNS & SYMPTOMS OF EXPOSURE: Eye irritation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NA

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

EMERGENCY FIRST AID:

EYES: Immediately flush with water for 15 minutes. GET MEDICAL ATTENTION IMMEDIATELY!

SKIN: Wash thoroughly with water. Get medical attention if irritation persists.

INHALATION: NA

INGESTION: Drink water, call a physician immediately.

ROUTES OF ENTRY:

INHALATION: NA

EYES: Will cause eye irritation

SKIN: May cause irritation

INGESTION: Stomach irritation

SECTION 7 – SPECIAL PRECAUTIONS & SPILL / LEAK PROCEDURES

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

OTHER PRECAUTIONS: Normal good housekeeping practices.

IN CASE OF SPILL: Shut off leak, if this can be done without injury. Flush area with water. Large spills should be diked with earth; then pump to a salvage tank.

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

EYE PROTECTION: Safety Glasses or Goggles

OTHER: Waterproof suit and boots may be worn

HYGIENIC PRACTICES: Wash thoroughly after handling.

SECTION 9 – COMMUNITY RIGHT TO KNOW LIST

	<u>CHEMICAL NAME:</u>	<u>C.A.S. NO.</u>
1.	Water	7732-18-5
2.	Monosodium Phosphate	7558-80-7
3.	Ethylene Glycol Monobutyl Ether	111-76-2
4.	Sodium Xylene Sulfonate	1300-72-7

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.