

# MATERIAL SAFETY DATA SHEET



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**PRODUCT NAME: NYTRO**

**MSDS NO: 51870.03**

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<b>FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE CALL: CHEMTREC 1-800-424-9300 OUTSIDE US CALL 1-703-527-3887</b>	<b>FOR MEDICAL EMERGENCY CALL ROCKY MOUNTAIN POISON CENTER: 1-303-623-5716</b>	<b>HEALTH HAZARD: (0 None &gt; 4 Extreme) Health =2 Flammability =0 Reactivity =0</b>
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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
Ethoxylated Alcohol	68439-45-2	NE	NE	5100 mg/kg	5-10%
Sodium Metasilicate	6834-92-0	NE	NE	800 mg/kg	5-10%
Organic Phosphate Ester	52623-95-7	NE	NE	790 mg/kg	1-5%

## SECTION 3 – PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: > 212 °F

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: 1.07

VAPOR PRESSURE mm/hg: 23 @ 70 °F

VAPOR DENSITY (Air=1): 1.2

REACTIVITY IN WATER: None

pH 5% SOLUTION = 11.9

MELTING POINT: 32 °F

APPEARANCE AND ODOR: Clear liquid, slight odor

## SECTION 4 – FIRE & EXPLOSION DATA

FLASH POINT: None

FLAMMABILITY LIMITS IN AIR % BY VOLUME:

METHOD USED: None

LEL LOWER: None

UEL UPPER: None

AUTO-IGNITION TEMPERATURE: None

EXTINGUISHER MEDIA: Water, Dry Chemical, 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): Strong acids, oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: NA

HAZARDOUS POLYMERIZATION: Will NOT occur

CONDITIONS TO AVOID: NA

**SECTION 6 – HEALTH HAZARDS**

**ACUTE:** Eye burns, skin irritation

**CHRONIC:** None Known

**SIGNS & SYMPTOMS OF EXPOSURE:** Eye irritation – Skin 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, do not induce vomiting, call a physician immediately.

**ROUTES OF ENTRY:**

**INHALATION:** NA

**EYES:** Undiluted liquid can cause eye irritation or burns

**SKIN:** Undiluted liquid can cause skin irritation

**INGESTION:** Undiluted can cause 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.	Sodium Metasilicate	6834-92-0
3.	Ethoxylated Alcohol	68439-45-2
4.	Sodium Tripoly Phosphate	7758-29-4
5.	Organic Phosphate Ester	52623-95-7

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.