

MSDS Document

Product Phos Free

1. Chemical Product and Company Identification

Trade Name of this Product Phos Free

Synonyms: Phosphate Remover

MSDS ID NC-MS017

Manufacturer

Natural Chemistry, Inc.
40 Richards Ave.
Norwalk, CT 06854

Contact Name

Tom Berry

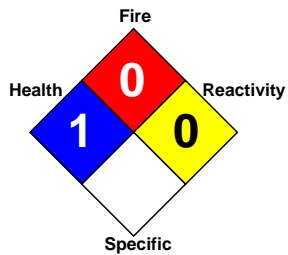
Phone Number

(800) 753-1233

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 12/16/2005



Health:	1
Fire:	0
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Lanthanum Sulfate	10099-60-2	3-10 %	Not established	Not established	Not established
Lanthanum Chloride	10099-58-8	5-12 %			
Sodium chloride	7647-14-5	2-5 %	Not Established	Not Established	Not Established
Water	7732-18-5	75-88 %	0		

3. Hazard Identification

Routes of Exposure

Ingestion, eye and skin contact are the most significant routes of exposure in occupational and other settings.

Eye Contact:

Causes irritation

Skin Contact:

Causes irritation

Ingestion

Irritation of mouth and throat, nausea and mild diarrhea.

Inhalation

Mucous membrane irritation.

Acute and Chronic Exposure

May cause irritation to eyes, skin, throat and stomach.

Aggravation of Pre-existing Conditions

May aggravate existing skin, respiratory and digestive problems.

4. First Aid Information

Eye:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin:

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention.

Ingestion:

If swallowed, DO NOT induce vomiting. Get medical attention immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5. Fire Fighting Measures

Flash Point	Not Known
FP Method	Not known

Fire

Non-flammable or combustible

EXTINGUISHING MEDIA:

Nonflammable, use agent suitable for surrounding fire.

Unusual Fire or Explosion Procedures

Non-explosive. No other special or unusual fire fighting procedures are necessary.

6. Accidental Release Measures

Occupational Release

Product is biodegradable. Contain spill and dispose of in accordance with all local, state and

Federal guidelines.

7. Handling and Storage

Storage Precautions

May induce rusting of mild steel containers.

Storage Information

Storage and shipping temperature should not exceed 120° F (49° C)

STORAGE

Keep product away from heat, oxidizers and bactericides. Store out of direct sunlight. Use product within 12 months.

8. Exposure Controls and Personal Protection

Ventilation System

Normal ventilation is all that is required.

SKIN PROTECTION:

If skin contact is likely, wear rubber gloves and protective clothing. Wash thoroughly after handling.

Respiratory Protection:

Use a NIOSH-approved dust and mist respirator where spray mist occurs. Observe OSHA regulations for respirator use (29 C.F.R. §1910.134)

Eye Protection:

Wear chemical goggles.

9. Physical and Chemical Properties

Physical State	Suspension
Specific Gravity	1.076
Density lbs/Gal.	8.963
Color/Appearance	White, opaque
Odor	Mild sweet
pH	2.1 - 2.3
Boiling/Cond. Point	>212°F
Melting/Freezing Point	32°F
Solubility	Particulate partially soluble
VOC %	N/A
Percent Volatile	N/A
Molecular Formula	Mixture
Viscosity	N/A
Vapor Density	N/A
Vapor Pressure	N/A

Physical and chemical properties listed above are general and approximate and are not intended as product specifications.

10. Stability and Reactivity

STABILITY:

Stable at normal temperatures and pressure.

HAZARDOUS DECOMPOSITION PRODUCTS:

None (Refer to Conditions to Avoid)

HAZARDOUS POLYMERIZATION:

Will not occur.

Incompatibilities

Caustics above 9.0 pH and acids below 3.5 pH

CONDITIONS TO AVOID

Temperatures above 120° F

Freezing

Strong acids or alkalies

Oxidizers

11. Toxicological Information

TOXICITY DATA:

CARCINOGENICITY STATUS:

This product is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

12. Ecological Information

Environmental Fate:

Unknown

Environmental Toxicity

Unknown

13. Disposal Considerations

Classification:

Disposed material is not a hazardous waste.

Disposal Guidance

Material that cannot be saved for recovery or recycling may be flushed to waste water treatment facilities or drain systems.

DISPOSAL METHOD:

Dispose of in accordance with applicable Federal, State and local environmental and regulatory requirements.

14. Transportation Information

DOT UN Status:

This material is not regulated hazardous material for transportation.

Proper Shipping Name:

Not applicable/Not regulated

15. Regulatory Information

U.S. REGULATIONS:

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30):

Not regulated.

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4):

Not regulated.

U.S. INVENTORY (TSCA):

All the components of this substance are listed on or are exempt from the inventory.

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:

Not regulated.

NEW JERSEY WORKER AND COMMUNITY RIGHT TO KNOW:

RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST:

Not regulated.

PENNSYLVANIA RIGHT TO KNOW:

RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST:

Not regulated.

16. Other Information

Other Information

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Physical chemical properties listed in Section 9 are general and approximate and are not intended as product specifications.