

# 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

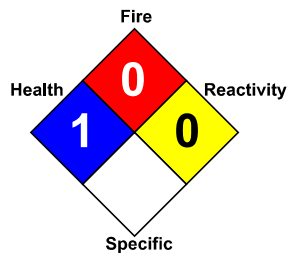
**Phone Number**

(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.