

# MSDS Document

## Product IS-3 Plus

### 1. Chemical Product and Company Identification

**Trade Name of this Product** IS-3 Plus

**MSDS ID** NC-MC024

**Manufacturer**

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

**Contact Name**

Tom Berry

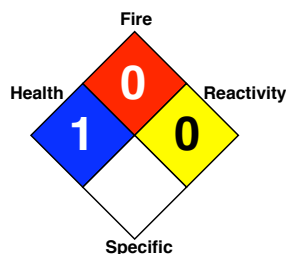
**Phone Number**

(800) 753-1233

**Emergency Phone**

CHEMTREC (800) 424-9300

**Revision Date** 7/27/2005



Health:	1
Fire:	0
Reactivity:	0
Specific	

### 2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Natural Enzymes	Not Known	15-30 %	Not established	Not Established	Not Established
Poly(diallyldimethylammonium chloride)	26062-79-3	1-4 %			
Water	7732-18-5	65-83 %	0		
Inert Ingredients	None	<0.8%	Not Established	Not Established	

### 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

<b>Flash Point</b>	Not Known
<b>FP Method</b>	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

**GENERAL:**

Spill or Leak Procedures: Contain spills to prevent contamination to water supply, sewer

system or storm drains. Mop up or absorb product on an inert material, place in a suitable container and dispose of in accordance with all Federal, State and local guidelines and regulations. Wash spill area with soap and water or rinse with plenty of water.

#### **ENVIRONMENTAL PRECAUTIONS**

Do not contaminate surface water.

## **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**

<b>Physical State</b>	Liquid
<b>Specific Gravity</b>	1.018
<b>Density lbs/Gal.</b>	8.479
<b>Color/Appearance</b>	Amber, cloudy
<b>Odor</b>	Orange
<b>Boiling/Cond. Point</b>	>212°F
<b>Melting/Freezing Point</b>	Not Available
<b>Solubility</b>	Complete
<b>Evaporation Rate</b>	Not Available
<b>VOC %</b>	Not Available
<b>Percent Volatile</b>	Not Available
<b>Molecular Formula</b>	Mixture
<b>Viscosity</b>	Not Available
<b>Vapor Density</b>	Not Available

**Vapor Pressure**                      Not Available

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

## 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.