



# American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

## MATERIAL SAFETY DATA SHEET

### SODIUM TRIPOLYPHOSPHATE

#### SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc. 135 Newbury Street Framingham, MA 01701	Emergency Number: Chemtrec Information Number:	800-424-9300 703-527-3887 800-238-0001
---	---	--

Revision Date: August 2007

Synonyms: Pentasodium Triphosphate, STPP, STP

CAS #: 7758-29-4

DOT Hazard Class: Not Regulated

#### SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Sodium Tripolyphosphate 99% min.

#### SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: White granulars or powder, odorless. Product is not considered hazardous by known governmental definitions. However, continuous contact may cause skin irritation.

POTENTIAL HEALTH EFFECTS:

**Eyes:** May cause mild irritation.

**Skin:** May cause irritation from continuous contact.

**Inhalation:** May cause irritation from continuous contact

**Ingestion:** Can cause stomach discomfort.

CARCINOGENICITY: Not reported under OSHA, IARC, or NTP.

#### SECTION 4 - FIRST AID MEASURES

Eyes: Flush eyes with large amounts of water.

Skin: Wash with plenty of soap and water.

Inhalation: Remove to fresh air.

Ingestion: Drink plenty of water. Never give anything by mouth to an unconscious person.

**In all of the above measures...**if condition does not improve, obtain medical attention.

Sodium Tripolyphosphate

AMERICAN INTERNATIONAL CHEMICAL, INC. 800 238 0001

Page 1 of 4

---

## **SECTION 5 - FIRE FIGHTING MEASURES**

Flash Point: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media: Use media that is appropriate to treat surrounding fire. Product is non combustible.

Special Fire Fighting Procedures:

Use fire fighting procedure that is appropriate to treat surrounding fire.

Unusual Fire Explosion Hazard: None known

Auto Ignition Temperature: Not Applicable

---

## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Isolate hazard area and deny entry to unnecessary or unprotected personnel. Contain spill, sweep up, collect and place in a disposal container.

---

## **SECTION 7 - HANDLING AND STORAGE**

Avoid contact with skin, eyes and clothing. Avoid breathing dust. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials.

---

## **SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area.

SKIN AND EYE PROTECTION:

Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust. Safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE GUIDELINES: None Established

---

## **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point: Over 1,000°C

Vapor Pressure (MM Hg): Non volatile

Vapor Density (AIR=1): Non volatile

Specific Gravity (H2O=1): .1

Percent Volatile by Volume (%): Not Applicable

Melting Point: 622°C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Moderate, 13%

pH: As a 1% solution - 10

---

### **SECTION 10 - STABILITY AND REACTIVITY**

CHEMICAL STABILITY: Stable under normal temperature of pressure.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: None Known

KEEP AWAY FROM: None Known

---

### **SECTION 11 - TOXICOLOGICAL INFORMATION**

LD<sub>50</sub> (Rat) = 6.5 g/kg source RTECS

---

### **SECTION 12 - ECOLOGICAL INFORMATION**

Not available

---

### **SECTION 13 - DISPOSAL CONSIDERATIONS**

Does not present a danger or hazard for disposal. Except for food applications, salvage and put back into container and reuse where applicable.

Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE #: Not Listed

---

### **SECTION 14 - TRANSPORTATION INFORMATION**

DOT HAZARD CLASS: Not Regulated

---

**SECTION 15 - REGULATORY INFORMATION**

TSCA (TOXIC SUBSTANCE CONTROL ACT):

This product is listed on the TSCA Inventory.

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely Hazardous Substance: Unlisted

Section 313 Toxic Chemicals: Unlisted

Section 311/312 Hazard Category: Unlisted

---

**SECTION 16 - OTHER INFORMATION**

**NFPA**

Health	0	0 = No Hazard	4 = Severe Hazard
Flammability	0		
Reactivity	0		

Reason for issue: Changed Date

**This information is given without any warranty or representation. It is believed to be correct but does not claim to be all inclusive and shall be used only as a guide. American International Chemical, Inc., shall not be held liable for any damage resulting from handling or contact with the above product. It is offered solely for your consideration, investigation and verification.**

---