



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

TRISODIUM PHOSPHATE CRYSTALS

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

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

Revision Date: August 2007

Synonyms: None

CAS #: 10101-89-0
7601-54-9

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Trisodium Phosphate Crystals 99.5% +

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: White crystal, odorless. Airborne dust is irritating to nose and throat.

POTENTIAL HEALTH EFFECTS:

Will cause irritation to eyes and respiratory passages. Continued contact with skin will cause irritation. Ingestion may result in nausea, vomiting and burns, especially to the esophagus.

Target Organs: Eyes and respiratory passages.

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

SECTION 4 - FIRST AID MEASURES

Eyes: Flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids intermittently. See an Ophthalmologist.

Skin: Wash with water. If irritation occurs and persists, call a physician.

Inhalation: Remove from exposure. If breathing difficulty or discomfort occurs, obtain medical attention.

Ingestion: Rinse mouth with water. Dilute by giving 1 to 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. See a physician immediately.

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.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: If dusty, 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: Not Applicable

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Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H2O=1): Not Applicable

Percent Volatile by Volume (%): Not Applicable

Melting Point: 75° C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Appreciable (33%)

pH: @ a 1% Solution 11.9

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: None Known

KEEP AWAY FROM: None Known

SECTION 11 - TOXICOLOGICAL INFORMATION

ORAL (RAT) 6.5g/kg Source AIHA

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

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

RCRA WASTE #: Not Listed

SECTION 14 - TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Trisodium Phosphate

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: Immediate (acute) Health Hazard

SECTION 16 - OTHER INFORMATION

NFPA Rating 0 = No Hazard 4 = Severe Hazard

Health 2

Flammability 0

Reactivity 0

Reason for Issue: Changed Date

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