



American International Chemical, Inc.

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MATERIAL SAFETY DATA SHEET

SODIUM PHOSPHATE MONOBASIC

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

Date: January 2010

Synonyms: Mono Sodium Phosphate, MSP

CAS #: (7558-80-7 Anhydrous) (10049-21-5 Monohydrate)

DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Sodium Phosphate Monobasic - 99% min.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: White, odorless powder or granules. Classified as GRAS by FDA

POTENTIAL HEALTH EFFECTS:

Eyes & Skin: May cause mild irritation.

Inhalation: May cause mild irritation.

Occupational exposure to this material has not been reported to cause significant adverse health effects.

CARCINOGENICITY: Not Listed under OSHA, IARC or NTP

SECTION 4 - FIRST AID MEASURES

Skin & Eyes: Flush with plenty of water.

Inhalation: Remove to fresh air.

Ingestion: Drink plenty of water and obtain medical advice.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media: Use media that is appropriate to treat surrounding fire - water, dry chemical or carbon dioxide.

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. Product is slightly hygroscopic and should be stored in a dry area to prevent moisture pick up and caking

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

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H2O=1): > 1

Percent Volatile by Volume (%): Not Applicable

Melting Point: Not Applicable

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Complete

pH: (1% solution @ 25°C) 4.6

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperature of pressure.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Does not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

Oral - Practically Nontoxic (Rat LD₅₀ - 7,100 mg/kg)

Dermal - Practically Nontoxic (Rabbit LD₅₀ - >7,940 mg/kg)

Eye Irritation - Practically Nonirritating (Rabbit, 1.3/110.0)

Skin irritation - Nonirritating (Rabbit, 0.0/8.0)

SECTION 12 - ECOLOGICAL INFORMATION

96-hr LC50 Bluegill: 6,400 ppm Practically Nontoxic

96-hr LC50 Trout: 3,200 ppm, Practically Nontoxic

SECTION 13 - DISPOSAL CONSIDERATIONS

EMPTY CONTAINERS:

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

CERCLA REPORTABLE REQUIREMENTS: None

SARA TITLE III INFORMATION: Unlisted

Section 302 Extremely hazardous Substance: Unlisted

Section 313 Toxic Chemicals: Unlisted

Section 311/312 Hazard Category: Unlisted

SECTION 16 - OTHER INFORMATION

Not Available

Reason for Issue: Added CAS # for Monohydrate

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