

Material Safety Data Sheet

Quick Identifier: Aqua Soft

Section 1

Metro-Chem, Inc.
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Post Office Box 401
Kearny, NJ 07032

Emergency Phone No. 800-424-9300
Other Information 973-589-2800
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Section 2 Hazardous Ingredients\identity

HAZARDOUS COMPONENT/CHEMICAL & COMMON NAMES: Sodium Phosphate Tribasic
Sodium Tripolyphosphate

OSHA PEL, ACGIH TLV, OTHER EXPOSURE LIMITS: not established CAS NO. 7758-29-4

CERCLA Hazardous Substance: Reportable quantities: 5,000 pounds.

SARA Title III: Hazardous Substance.

Section 3 Physical & Chemical Characteristics

BOILING POINT: n/a SPECIFIC GRAVITY (H2O=1): 33#/ft3 VAPOR PRESSURE (mm Hg): na/

VAPOR DENSITY (Air=1): n/a SOLUBILITY IN WATER: good REACTIVITY IN WATER: n/a

APPEARANCE AND ODOR: odorless white powder MELTING POINT: over 700 C.

Section 4 Fire and Explosion Hazard Data

FLASH POINT: none FLAMMABLE LIMITS IN AIR % BY VOLUME: LEL LOWER, UEL UPPER: n/a

AUTO-IGNITION TEMPERATURE: n/a

EXTINGUISHER MEDIA: Dry chemical, carbon dioxide, water spray, or foam.

SPECIAL FIRE FIGHTING PROCEDURES: Move container from fire area if possible. Do not scatter spilled material with more water than needed for fire control. Dike fire water for later disposal.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Use agents suitable for the type of surrounding fire. Avoid breathing hazardous vapors. Keep upwind.

Section 5 Physical Hazards (reactivity data)

STABILITY: Stable CONDITIONS TO AVOID: moist atmospheres

INCOMPATIBILITY (MATERIALS TO AVOID): solutions may corrode metals

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition products may include toxic oxides of phosphorus and toxic sodium oxide.

HAZARDOUS POLYMERIZATION: Will Not Occur CONDITIONS TO AVOID: n/a

Section 6 Health Hazards

1. ACUTE (Immediate): INHALATION of dust may cause throat irritation and coughing. Irritant to EYES may cause irritation, pain, and possibly corneal injury. Contact with SKIN may produce strong irritation. INGESTION may result in abdominal pain, nausea, vomiting, diarrhea, shock, hypotension, slow pulse, cyanosis, coma, and possible convulsions.

2. CHRONIC (Delayed Effect): Repeated or prolonged eye contact with the dust may result in conjunctivitis. Repeated or prolonged skin contact may result in dermatitis.

SIGNS AND SYMPTOMS OF EXPOSURE: abdominal pain, nausea, vomiting, diarrhea, shock, hypotension, slow pulse, cyanosis, coma, and possible convulsions.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

NATIONAL TOXICOLOGY PROGRAM: NO **I.A.R.C. MONOGRAPHS:** NO **OSHA:** NO

EMERGENCY AND FIRST AID PROCEDURES:

ROUTES OF ENTRY

INHALATION: Remove from exposure. If breathing has stopped, give artificial respiration. Maintain airway and blood pressure and administer oxygen. Keep victim warm and at rest. Get medical attention.

EYES: Wash eyes immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains; approximately 15 to 20 minutes. Get medical attention.

SKIN: Remove contaminated clothing immediately. Wash affected area with soap or mild detergent and large amounts of water until no evidence of chemical remains; approximately 15 to 20 minutes. In case of chemical burns, cover area with sterile, dry dressing. Bandage securely, but not too tight. Get medical attention.

INGESTION: Dilute by giving water or milk immediately and allow vomiting to occur. Examine for possible corrosive injury to mouth and throat and irrigate affected areas with a one percent acetic acid until alkali is completely neutralized. Do not use gastric lavage or emesis. Get medical attention.

Note to Physician: Antidote: Treat hypocalcemia from phosphate ingestion by giving 5 ml of 10 percent calcium gluconate slowly intravenously. Treatment must be administered by qualified medical personnel.

Section 7 Precautions and Spill/Leak Procedures

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool dry location.
OTHER PRECAUTIONS: n/a

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up spills immediately and place in suitable clean, dry, containers. Reuse spilled powder if deemed clean enough.

WASTE DISPOSAL METHODS/Consult federal, state, and local regulations: If not useable, put in a closed container, label properly, and remove to an approved chemical waste disposal area.

Section 8 Special Protection Information/Control Measures

RESPIRATORY PROTECTION (Specify Type): For high level exposure use supplied-air respirator with full face piece.

VENTILATION: LOCAL EXHAUST: Adequate **MECHANICAL (General), SPECIAL, OTHER:** n/a

PROTECTIVE GLOVES: Employee must wear appropriate protective gloves to prevent contact with this substance.

EYE PROTECTION: Employee must wear splash-proof or dust-resistant goggles and a face shield to prevent contact with this substance.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: n/a

WORK/HYGIENIC PRACTICES: Eye wash stations and or safety showers should be handy.

We believe the information contained herein is true; however, no warranties, expressed or implied, are made or intended herein with respect to such information.