



- Incompatible Materials:** None known.
- Hazardous Decomposition Products:** Oxides of phosphorus, oxides of potassium.
- Polymerization Conditions To Avoid:** None known.
- Hazardous Combustion Products:** None.

## SECTION VI - HAZARD(S) IDENTIFICATION

**Route(s) of Entry:** Inhalation, Ingestion and Dermal

**Emergency Overview:** Not considered a hazardous product. Irritating to skin and eye. Abdominal cramping, etc. on ingestion  
Product is not flammable or reactive.

**Potential Health Effects:** **Eye:** May cause irritation **Skin:** Skin absorption not likely. May cause irritation, on prolonged contact.  
**Inhalation:** May cause upper respiratory tract irritation. **Ingestion:** Ingestion of large quantities may cause irritation, nausea, vomiting, diarrhea, abdominal cramps.

**Signs & Symptoms Of Exposure:** **Acute:** May cause irritation to the eyes, skin, respiratory tract and digestive tract.  
**Chronic:** This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogen.

**OSHA Status:** This product does NOT contain any products considered hazardous under the Federal OSHA HazCom. Standard 29 CFR 1910.1200.

**Carcinogenicity Mutagenicity:** This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens. No information on mutagenicity found for this product.

### First Aid Procedures:

**Ingestion:** If victim is conscious and alert, give 2-3 glasses of water to drink and induce vomiting by touching back of throat with a finger. **Never give anything to eat or drink to someone who is unconscious, having convulsions, or unable to swallow.** Seek immediate medical attention. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

**Eyes:** Flush eyes with large quantities of running water for a minimum of 15 minutes. If victim is wearing contact lenses, remove them. Hold eyelids apart during the flushing to ensure rinsing of entire surface of the eye and lids with water. DO NOT let victim rub eye(s). Do not attempt to neutralize with chemical agents. Get medical attention if eye irritation occurs.

**Skin:** In case of contact, immediately wash with plenty of soap and water for at least 15 minutes. Oils/ointments should not be used at this time. Seek medical attention. Remove contaminated clothing and shoes before reuse or discard if they cannot be thoroughly cleaned.

**Inhalation:** Remove to fresh air. If breathing becomes difficult, oxygen may be given, preferably with a physician's advice. If not breathing, give artificial respiration. Get medical attention.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING , USE & DISPOSAL

**Steps To Be Taken In Case Material Is Released Or Spilled:** Wear appropriate protective gear for the situation. Dike or retain dilution water or water from fire fighting for later disposal. Sweep or vacuum up and place in a n appropriate closed container. Clean up residual material by washing area with water and detergent. Runoff from fire control or dilution water may cause pollution. Large spills should be handled according to a predetermined plan.

**Handling and Storage Precautions:** Avoid direct or prolonged contact with skin and eyes. Keep containers closed when not being used. This product is hygroscopic and tends to cake on storage. Store in an area that is cool and dry. Recommended container material: stainless steel. Container material to avoid: brass.

**Waste Disposal Methods:** Chemical additions, processing or otherwise altering this material may make the waste management information present in this MSDS incomplete, inaccurate or otherwise inappropriate. Be advised that state/local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state/local regulations regarding proper disposal of material.

**Container Disposal Information:** Be advised that state/local requirements for container disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state/local regulations regarding proper disposal of container.

## SECTION VIII - EXPOSURE CONTROL & PERSONAL PROTECTION

**Skin Protection:** Skin contact should be minimized through use of gloves and suitable long sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.

**Respiratory Protection:** When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the latest OSHA standard (29 CFR 1910.134) and/or ANSI Z88.2 recommendations.

**Eye Protection:** Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

**Other Protection:** Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the above listed and following traditional exposure control techniques may be used to effectively minimize employee exposures.

**Hygienic Practices:** All food / smoking materials should be kept in a separate area away from the storage/use location. Eating, drinking and smoking should be prohibited in areas where there is a potential for significant exposure to this material. Before eating, drinking or smoking, hands and face should be thoroughly washed. Facilities storing or using this material should be equipped with an eyewash and safety shower.

## Section IX - Transport Information

<b>Proper Shipping Name:</b>	<b>Monopotassium Phosphate</b>		
<b>D. O. T. Hazard Class:</b>	Not regulated by D.O.T.	<b>UN:</b>	N/A
<b>Label Requirement:</b>	None	<b>RQ:</b>	N/A
<b>Placard:</b>	None	<b>CAS:</b>	7778-77-0
<b>Packing Group:</b>	N/A		

### Key Legend Information:

N/Av: Not Available      N/Ap: Not Applicable      OSHA: Occupational Safety and Health Administration

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This Material Safety Data Sheet was prepared to comply with OSHA Hazard Communication standard. (29 CFR 1910.1200). This supersedes any previous information. All LidoChem, Inc. MSDS's are reviewed every three years or sooner if necessary. Please check the Review Date on Page 1 for most current version. Please request a new MSDS from LidoChem, Inc. if the date is older than 3 years.

NOTICE: OSHA STANDARD 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a Hazard Communication Program including training, labeling, Material Safety Data Sheets, and access to written records. We request that you, and it is your legal duty, make all information in this Material Safety Data Sheet available to your employees.

