

MONOAMMON PHOS TECH GR  
57113

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

Ashland	Regulatory Information Number	1-800-325-3751
P.O. Box 2219	Telephone	614-790-3333
Columbus, OH 43216	Emergency telephone number	1-800-ASHLAND (1-800-274-5263)

Product name	MONOAMMON PHOS TECH GR
Product code	57113
Product Use Description	No data

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

Appearance: solid, white

Moderate skin irritant, Moderate eye irritant.

**Potential Health Effects**

**Routes of Exposure**

Inhalation, Skin contact, Eye Contact, Ingestion

**Eye Contact**

Dust can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

**Skin Contact**

May cause skin irritation. Symptoms may include redness, burning, and swelling of skin. This material is unlikely to pass into the body through the skin.

**Ingestion**

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

**Inhalation**

This material is a dust or may produce dust. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.).

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**Aggravated Medical Condition**

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: lung (for example, asthma-like conditions)

**Symptoms**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways)

**Target Organs**

No data

**Carcinogenicity**

This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

**Reproductive Hazard**

There are no data available for assessing risk to the fetus from maternal exposure to this material.

**Other Information**

This material can form dust which may cause skin or mucous membrane irritation. Symptoms may include redness, burning, and swelling. Although they may cause respiratory tract irritation, nuisance dusts do not form scar tissue or affect the structure of air spaces in the lungs. Their effects on the tissues are potentially reversible.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Components</b>	<b>CAS-No.</b>	<b>Concentration</b>
MONOAMMONIUM PHOSPHATE	7722-76-1	<=100%

**4. FIRST AID MEASURES**

**Eyes**

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

**Skin**

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Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

### **Ingestion**

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

### **Inhalation**

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

### **Notes to Physician**

**Hazards:** Excessive levels of phosphorus can cause low blood calcium, with tetany and convulsions.

**Treatment:** No information available.

## **5. FIRE-FIGHTING MEASURES**

### **Suitable Extinguishing Media**

Water mist, carbon dioxide (CO<sub>2</sub>), dry chemical

### **Hazardous Combustion Products**

May form: ammonia, carbon dioxide and carbon monoxide, fluoride compounds, various hydrocarbons

### **Precautions for Fire-Fighting**

Organic dusts at sufficient concentration can form explosive mixtures in air. Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions**

For personal protection see section 8. Same method as small spill.

### **Environmental Precautions**

No data

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**Methods for Cleaning Up**

Minimize dust. Sweep, shovel, or vacuum.

**Other Information**

Do not return material to its original container.

**7. HANDLING AND STORAGE**

**Handling**

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Avoid creating and breathing dust. Use dustless systems for handling, storage, and clean up so that airborne dust does not exceed the PEL. Use adequate ventilation and dust collection. Practice good housekeeping. Do not permit dust to collect on walls, floors, sills, ledges, machinery, or equipment. Prevent dust formation.

**Storage**

Do not store near extreme heat, open flame, or sources of ignition. Store and handle in compliance with U.S.P. and FDA Good Manufacturing Practice requirements.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

**General Advice**

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

**Exposure Controls**

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s). For exposures to dust, utilize the exposure limits for Particulates (insoluble) Not Otherwise Classified (PNOC). ACGIHTWA - 10 mg/m<sup>3</sup> inhalable fraction, 3 mg/m<sup>3</sup> respirable fraction. OSHA PEL - 15 mg/m<sup>3</sup> total dust, 5 mg/m<sup>3</sup> respirable fraction.

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**Eye Protection**

Wear safety glasses in compliance with OSHA regulations. (Consult your safety representative.)

**Skin and Body Protection**

Not normally required. However, wear resistant gloves such as nitrile rubber to prevent irritation which may result from prolonged or repeated skin contact with product.

**Respiratory Protection**

3M Dust respirator No. 8710 or 9900 is recommended or a NIOSH-approved dust respirator. (See your safety equipment supplier.)

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	solid
<b>Form</b>	No data
<b>Colour</b>	white
<b>Odour</b>	No data
<b>Boiling point/range</b>	No data
<b>pH</b>	No data
<b>Flash point</b>	No data
<b>Evaporation rate</b>	No data
<b>Explosion limits</b>	No data
<b>Vapour pressure</b>	No data
<b>Vapour density</b>	No data
<b>Density</b>	1.803 g/cm <sup>3</sup> @ 68.00 °F / 20.00 °C
<b>Solubility</b>	No data
<b>Partition coefficient (n-octanol/water)</b>	No data
<b>Autoignition temperature</b>	No data

**10. STABILITY AND REACTIVITY**

**Stability**

Stable.

**Conditions to Avoid**

Avoid contact with: heat

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**Incompatible Products**

Avoid contact with:, alkalis, strong oxidizing agents

**Hazardous Decomposition Products**

May form:, ammonia, carbon dioxide and carbon monoxide, fluoride compounds, various hydrocarbons

**Hazardous Reactions**

Product will not undergo hazardous polymerization.

**Thermal Decomposition**

No data

**11. TOXICOLOGICAL INFORMATION**

**Acute Oral Toxicity**

**Acute Inhalation Toxicity**

**Acute Dermal Toxicity**

**12. ECOLOGICAL INFORMATION**

**Aquatic Toxicity**

**Acute and Prolonged Toxicity to Fish**

No data

**Acute Toxicity to Aquatic Invertebrates**

No data

**Environmental Fate and Pathways**

No data

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods**

Dispose of in accordance with all applicable local, state and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National

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Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact Ashland Distribution's Environmental Services Group at 800-637-7922.

#### 14. TRANSPORT INFORMATION

Dangerous goods descriptions may not reflect package size, quantity, end-use or region-specific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

#### 15. REGULATORY INFORMATION

##### California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

**SARA Hazard Classification** Acute Health Hazard

##### SARA 313 Component(s)

MONOAMMONIUM PHOSPHATE	7722-76-1	100%
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**OSHA Hazards** Moderate skin irritant  
Moderate eye irritant

	<b>Health</b>	<b>Flammability</b>	<b>Reactivity</b>	<b>Other</b>
<b>HMIS</b>				No data
<b>NFPA</b>				No data

#### 16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

**ASHLAND**  
**SAFETY DATA SHEET**

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This MSDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).