



**SECTION 5: FIREFIGHTING MEASURES**

**Suitable Extinguishing Media**

Product does not burn. Use water spray, dry chemical, foam or CO<sub>2</sub> as applicable for burning materials. Use a water spray to cool fire-exposed containers, structures and to protect personnel.

**Special Firefighting Procedures**

May produce toxic fumes, gases, and vapors when heated to decomposition. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full-face mask and full protective equipment. Clear fire area of unprotected and untrained personnel. Do not enter confined fire space without full equipment and a positive pressure NIOSH approved self-contained breathing apparatus.

**Unusual Firefighting Hazards**

None known

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions**

Isolate release area and keep unnecessary people away. See Section 8 for personal protection gear.

**Methods for Cleaning Up**

Clean up spills observing precautions in Section 8. Prevent material from entering storm drains or waterways. Avoid generating dusty conditions and provide ventilation. Vacuum or sweep up material and place into a suitable container for disposal or later use.

**SECTION 7: HANDLING AND STORAGE**

**Handling**

Follow accepted work practices for granular or dusty material and ensure adequate ventilation. Avoid contact with eyes or prolonged contact with skin. Avoid inhalation. Empty bags or containers may contain residue.

**Storage**

Keep containers in a dry, cool, well-ventilated area. Keep away from incompatible materials.

**SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION**

**Exposure Limits**

Component Name	ACGIH TLV-TWA	OSHA PEL-TWA
Dust in air	10 mg/m <sup>3</sup> inhalable - 5 mg/m <sup>3</sup> respirable	15 mg/m <sup>3</sup> inhalable - 5 mg/m <sup>3</sup> respirable
Diammonium phosphate	25 ppm	50 ppm

**Engineering Controls**

Use appropriate ventilation to maintain airborne concentration limits below exposure limits. Have eye wash stations and safety showers readily available.

**Eye and Face Protection**

Wear safety glasses with side-shields conforming to ANSI Z-87

**Skin Protection**

Wear protective gloves to avoid repeated or prolonged exposure. Additional body garments should be used based upon the task being performed.

**Respiratory Protection**

Use a properly fitted NIOSH respirator in areas where the exposure is unknown or above the OSHA PEL or ACGIH TLV,

**General Hygiene**

Follow accepted work practices for handling dusty materials. Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance/Physical State</b>	Granular solid, various colors	<b>Flash Point</b>	Not Applicable
<b>Specific Gravity (Water=1)</b>	40 – 70 lb/ft <sup>3</sup>	<b>Upper Flammability Limits</b>	Not Applicable
<b>Evaporation Rate</b>	Not Applicable	<b>Lower Flammability Limits</b>	Not Applicable
<b>pH</b>	Not Applicable	<b>Auto-ignition Temperature</b>	Not Applicable
<b>Solubility in Water</b>	Partial	<b>Decomposition Temperature</b>	>200 °F
<b>Odor</b>	Mild aromatic	<b>Vapor Pressure</b>	Not Applicable
<b>Odor Threshold</b>	Not Determined	<b>Vapor Density (Air=1)</b>	Not Applicable
<b>Melting/Freezing Point</b>	Not Applicable	<b>Partition Coefficient (n-octanol/water)</b>	Not Determined
<b>Boiling Range</b>	Not Applicable	<b>Viscosity</b>	Not Applicable
<b>Initial Boiling Point</b>	Not Applicable	<b>Critical Temperature</b>	Not Applicable

Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.

**SECTION 10: STABILITY AND REACTIVITY**

**Stability**

Stable under normal conditions of storage and handling.

**Conditions to Avoid**

Avoid high temperatures and contact with strong oxidizing and reducing agents.

**Hazardous Decomposition / Byproducts**

Not Applicable

**Hazardous Polymerization**

Will not occur.

**Polymerization Conditions to Avoid**

Not Applicable

**SECTION 11: TOXICOLOGICAL INFORMATION**

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

**Acute Effects**

May cause slight irritation to the eyes and skin. Ingestion may cause gastrointestinal irritation and vomiting. Irritating to the respiratory system.

**Target Organ Effects**

None known

**Chronic Effects**

Repeated or long term exposure may aggravate acute symptoms.

**Carcinogenicity**

This product does not contain carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Not Determined
<b>Mobility</b>	Not Determined
<b>Degradability</b>	Not Determined
<b>Bioaccumulation</b>	Not Determined

**SECTION 13: DISPOSAL CONSIDERATION**

Dispose of this product in compliance with all applicable federal, state and local regulations. Empty containers may contain residues.

**SECTION 14: TRANSPORT INFORMATION**

**Proper Shipping Name** Not Regulated

**SECTION 15: REGULATORY INFORMATION**

**TSCA Status**

All components are listed in the TSCA inventory

**SARA 311/312 Reporting Categories**

None

**SARA 313 Reportable Ingredients**

None

**SECTION 16: OTHER INFORMATION**

**Department Issuing SDS** Health and Safety

**Disclaimer**

The data presented herein is believed accurate for the specific material, but is in no way guaranteed. The information herein may not be applicable if this specific material is used in combination with other material(s). SynaTek assumes no liability and makes no warranty in connection with any use for this specific material. Other safety measures in addition to those indicated may be required. The user, therefore, assumes full responsibility, both as to persons and to property, for the safe use of these materials.

Information listed herein, such as Hazards, First Aid, etc., is abbreviated. For more detailed information, contact the manufacturer at our address, or review the information contained in the reference section listed above.