

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media

Product does not burn. Use water spray, dry chemical, foam or CO₂ 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 ³ inhalable - 5 mg/m ³ respirable | 15 mg/m ³ inhalable - 5 mg/m ³ 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

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

| | |
|------------------------|----------------|
| Ecotoxicity | Not Determined |
| Mobility | Not Determined |
| Degradability | Not Determined |
| Bioaccumulation | 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.