

## 1. Product and Company Identification

Material name: SONIC BLOOM with B1, B2, B3, B6

Manufacturer : **Emerald Triangle Products**

24 hour emergency: **Chemtrec 800-424-9300**

## 2. Hazards Identification

Emergency overview : CAUTION

May cause skin and eye irritation. May cause irritation to the respiratory system. May be harmful if swallowed. May be harmful if inhaled.

OSHA regulatory status :

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

Potential health effects:

Routes of exposure Inhalation. Ingestion. Skin contact. Eye contact.

Eyes Dust or powder may irritate eye tissue.

Skin May cause skin irritation. Prolonged or repeated exposure may cause severe irritation. Avoid contact with the skin.

Inhalation Inhalation of dusts may cause respiratory irritation. Coughing. Difficulty in breathing.

Ingestion Ingestion of this product may cause nausea, vomiting and diarrhea. Heart problems. Changes in blood picture. Drowsiness. May cause central nervous system effects.

Target organs Kidneys. Central nervous system. Heart and cardiovascular system.

Chronic effects Chronic ingestion may result in systemic toxicity including calcium imbalance, increased pH and kidney damage.

## 3. Composition / Information on Ingredients

POTASSIUM PHOSPHATE MONOBASIC 7778-77-0 99 +

Vitamin B1 (Thiamine Hydrochloride) 0.2%

Vitamin B2 (Riboflavin) 0.2%

Vitamin B3 (Niacin) 0.1%

Vitamin B6 (Pyridoxyl Phosphate) 0.1%

## 4. First Aid Measures

First aid procedures

**Eye contact** Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists.

**Skin contact** Wash off immediately with plenty of water. Remove and isolate contaminated clothing and shoes. Get medical attention if irritation develops or persists.

**Inhalation;** If gas/fume/vapor/dust/mist from the material is inhaled, remove the affected person immediately to fresh air. Oxygen or artificial respiration if needed. Call a physician if symptoms develop or persist.

## 5. Fire Fighting Measures

Flammable properties: Not flammable by OSHA criteria. No unusual fire or explosion hazards noted.

Extinguishing media:

Suitable extinguishing media: Water. Foam. Dry chemical powder. Carbon dioxide (CO2).

## 6. Accidental Release Measures

Personal precautions: Ensure adequate ventilation. Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear appropriate protective equipment and clothing during clean-up. Avoid contact with spilled material. Avoid inhalation of dust from the spilled material. Ventilate closed spaces before entering them. Collect spillage. If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product.

Methods for cleaning up Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area. Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid dust formation. Collect dust using a vacuum cleaner equipped with HEPA filter. Following product recovery, flush area with water. For waste disposal, see section 13 of the MSDS.

## 7. Handling and Storage

Handling Do not use in areas without adequate ventilation. Keep formation of airborne dusts to a minimum.

Minimize dust generation and accumulation. Provide appropriate exhaust ventilation at places where dust is formed. Do not breathe dust. Avoid contact with skin. Avoid contact with eyes. Do not ingest. In case of insufficient ventilation, wear suitable respiratory equipment. Wash hands thoroughly after handling. Avoid prolonged exposure. Handle and open container with care.

Storage Keep container tightly closed. Store in a cool, dry place. Store in a well-ventilated place. Guard

against dust accumulation of this material. Use care in handling/storage. Store in accordance with local/regional/national/international regulation.

## 8. Exposure Controls / Personal Protection

Do not breathe dust. Avoid contact with eyes. Avoid contact with skin. Wash hands after handling and before eating. Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical & Chemical Properties

Appearance Granular. Powder.

Physical state Solid.

Form Powder.

Color: Bright orange

Odor Odorless.

Odor threshold Not available.

pH Not available.

Vapor pressure < 0 kPa at 25 °C

Vapor density Not available.

Boiling point 752 °F (400 °C) Loses water and becomes metaphosphate.

Melting point/Freezing point 487.4 °F (253 °C)

Solubility (water) Slight

Specific gravity 2.34

Relative density Not available.

Flash point Not available.

Flammability limits in air, upper,

% by volume

Not available.

Flammability limits in air, lower,

% by volume

Not available.

Auto-ignition temperature Not available.

Molecular weight 136.09 g/mol

Molecular formula H3-O4-P.K

Other data

Density 2.34 g/cm<sup>3</sup>

Specific activity Not available.

## 10. Chemical Stability & Reactivity Information

Chemical stability : Material is stable under normal conditions.

Conditions to avoid : None under normal conditions.

Incompatible materials: None known.

Hazardous decomposition products: Oxides of phosphorus.

Possibility of hazardous reactions: Will not occur.

## 11. Toxicological Information

Product Test Results

POTASSIUM PHOSPHATE MONOBASIC (7778-77-0) Acute Dermal LD50 Rabbit: > 4640 mg/kg

Acute Oral LD50 Mouse: 1700 mg/kg

Sensitization : Not a skin sensitizer.

Acute effects : May be harmful if swallowed.

Local effects: Inhalation of dusts may cause respiratory irritation.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Skin corrosion/irritation : Not available.

Epidemiology: Not available.

Neurological effects: Not available.

## 12. Ecological Information

Ecotoxicity: Not expected to be harmful to aquatic organisms.

## 13. Disposal Considerations

Disposal instructions: This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport Information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

### 15. Regulatory Information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Mono Potassium Phosphate is on the U.S. EPA TSCA Inventory List.

CERCLA/SARA Hazardous Substances - Not applicable.

Hazard categories Immediate Hazard - Yes

Delayed Hazard - Yes

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

### 17. Other Information

NFPA ratings Health: 1

Flammability: 0

Instability: 0