



Safety Data Sheet

Report Date 04-May-15

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1. Identification

Product Name : STRIKE ZONE MxD
Synonyms : None
Product Use : Deposition Agent
Manufacturer/Supplier : Helena Chemical Company
Address : 225 Schilling Blvd. Collierville, TN 38017
General Information : 901-761-0050
Transportation Emergency Number : CHEMTREC:800-424-9300

2. Hazard Identification



Signal Word : Warning
Skin Irritation : Causes mild skin irritation.
Eye Irritation : Causes serious eye irritation.
Acute Toxicity Oral : May be harmful if swallowed.
Acute Toxicity Dermal : May be harmful in contact with skin.

Hazard Categories : Oral/Dermal/Inhalation Toxicity - 5/5/5; Eye Irritation - 2A; Skin Irritation - 3

Hazard Statement : May be harmful if swallowed
May be harmful in contact with skin
Causes serious eye irritation
Causes mild skin irritation
May be harmful if inhaled

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Blend of Ammonium and Potassium Salts and Organic Polymers.	Proprietary	100.00

4. First Aid Measures

Eye : Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

Skin : Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

Inhalation : Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Ingestion : Call a poison control center or doctor immediately for treatment advice. Rinse mouth with water. Do not induce vomiting. Do not give anything by mouth if unconscious.

Indication of Immediate Medical Attention and Special Treatment Needed : Treat symptomatically.

5. Fire Fighting Measures



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- Extinguishing Media** : Carbon dioxide, dry chemical, alcohol foam, universal foam or water.
Specific Hazards Arising from the Chemical : To reduce potential explosion hazard, avoid dispersion of dust into air.
Special Fire Fight Proc : Use self-contained breathing apparatus and full protective clothing. Avoid breathing fumes.

6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area.
Protective Equipment : Splashproof goggles or face shield, PVC-coated gloves, protective apron and footwear. Use NIOSH-approved dust mask. Eyewash should be available in work area.
Emergency Procedures : Avoid creating dust clouds or breathing dust. Spills or releases may be reportable to the National Response Center (1-800-424-8802) and to State and/or Local agencies.
Methods and Materials for Containment and Cleanup : Sweep or scoop up and collect for disposal.

7. Handling and Storage

- Precautions for Safe Handling** : Do not contaminate water, food or feed by storage, handling or disposal. Keep container tightly closed. Do not allow water to be introduced into the contents of the container.
Conditions for Safe Storage : Store in original container only. Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not store near heat or open flame. Keep locked up and out of the reach of children.

8. Exposure Controls / Personal Protection

- TLV/PEL** : No information found for mixture.
Appropriate Engineering Controls : General (mechanical) room ventilation is expected to be satisfactory.
Personal Protective Equipment : Splashproof goggles or face shield, PVC-coated gloves, protective apron and footwear. Use NIOSH-approved dust mask. Eyewash should be available in work area.

9. Physical and Chemical Properties

- Odor/Appearance** : White crystalline powder with bland odor.
Flash Point, °F : Not applicable (not a liquid)
Boiling Point, °F : Not applicable
Melting Point(Freezing point), °C : Not applicable
Vapor Pressure, mm Hg @ 20 °C : Not determined
Vapor Density : Not determined
Solubility in Water : Disperses
Molecular Formula : Not applicable, formulated mixture.
Density, g/mL @ 25 °C : 40-60 lb./cu. ft. (density)
Evaporation Rate(Butyl Acetate = 1) : Not applicable
Octanol/Water Partition Coefficient : No information found
pH : 4.5 to 6.0 (1%)
Flammable Limits (approximate volume % in air) : Not determined
Auto-ignition Temperature : Not determined



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Decomposition temperature : No information found

10. Stability and Reactivity

Reactivity : No information found
Chemical Stability : Stable
Hazardous Decomposition Products : Burning may produce ammonia, sulfur trioxide and oxides of carbon.
Hazardous Polymerization : Will not occur
Conditions to Avoid : Fire and excessive heat
Incompatible Materials : Strong oxidizing agents, acids, bases, chlorates and nitrates.

11. Toxicological Information

Acute Toxicity (Oral LD50) : No LD50 established. May be harmful if swallowed.
Acute Toxicity (Dermal LD50) : No LD50 established. May be harmful in contact with skin.
Acute Toxicity Inhalation LC50 : No LC50 established. May be harmful if inhaled.
Likely Routes of Exposure : Inhalation, eyes, skin
Skin Irritation : Causes mild skin irritation.
Eye Irritation : Causes serious eye irritation.
Skin Sensitization : No information found.
Carcinogenic : Not currently listed.
Chronic Effects : None currently known.
Other Hazards : None currently known.

12. Ecological Information

Ecotoxicity : No information found
Persistence and Degradability : No information found
Bioaccumulative Potential : No information found
Mobility in Soil : No information found
Other Adverse Effects : No information found

13. Disposal Considerations

Waste Disposal Method : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

14. Transport Information

UN Proper Shipping Name : Not regulated by DOT, IATA or IMDG.
Transport Hazard Class : None
UN Identification Number : None
Packaging Group : None
Environmental Hazards : No information found
Transport in Bulk : No information found
Special Precautions for Transportation : No information found
Freight Classification : Adhesives, Adjuvants, Spreaders or Stickers, N.O.I. (NMFC Item 42652, Class 60)



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15. Regulatory Information

National Fire Protection Association Rating :

Health: 2 Fire: 1 Reactivity: 0
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

S.A.R.A Title III Hazard Classification (Yes/No) :

Immediate(Acute) Health: Y
Delayed (Chronic) Health: N
Sudden Release of Pressure: N
Fire: N
Reactive: N

16. Other Information

Data of Preparation/Revision : 04-May-2015