

Material Safety Data Sheet

Effective Date: 01-MAY-2003
Product: STRIKE ZONE MKP

I. IDENTIFICATION

Chemical Name: Deposition and Ammonium Sulfate Replacement Agent
Chemical Family: Deposition Agents
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: Not applicable
Freezing Point: Not applicable
Spec Gravity: 40 - 60 lb./cu. ft.
Vapor Pressure: Not determined
Vapor Density: Not determined
Solubility: Disperses
Volatiles: 4 - 7%
Evaporation: Not applicable
Melting Point: Not determined
Appearance: White crystalline powder with bland odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of Ammonium and Potassium Salts Homogenized with Hydrolyzable Guar Gum.		100.00	5 mg/m3	Skin & eye irritant

IV. FIRE AND EXPLOSION HAZARD

Flash Point: > 200 Degrees F.
Autoignition Temp: Not determined
Flammable Limit: Not determined
Extinguishing Media: Carbon dioxide, dry chemical, alcohol foam, universal foam or water.
Special Fire Fight Proc: Use self-contained breathing apparatus and full protective clothing. Avoid breathing fumes.
Fire and Expl Hazard: To reduce potential explosion hazard, avoid dispersion of dust into air.

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V. HEALTH HAZARD

Carcinogen Information: Not currently listed.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Oral LD50 not established. Product may be harmful if ingested. Can cause considerable gastric upset, ulceration or hemorrhage of the gastrointestinal tract and may cause diarrhea.

Skin Absorption: Dermal LD50 not established. Product may be harmful. Systemic ammonia poisoning is possible if sufficient absorption occurs.

Inhalation: Inhalation LC50 not established. May be harmful if inhaled. Dust can irritate the nose, throat and respiratory tract.

Skin contact: Prolonged or repeated skin contact may cause drying and mild irritation.

Eye Contact: Can cause severe eye irritation upon direct eye contact.

Chronic Effects: None currently known.

Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person.

Skin: Remove contaminated clothing and wash affected areas with soap and water. If irritation develops, consult a physician.

Inhalation: Remove to fresh air. Treat symptomatically. Give oxygen if needed. Get immediate medical attention if needed.

Eyes: In case of eye contact, flush eyes with water for 15 minutes, holding eyelids open. If irritation develops or persists, consult a physician.

Notes to Physician: There is no specific antidote for this product. Treatment should be directed toward control of the symptoms and the clinical condition of the patient.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: Fire and excessive heat.

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Polymerization: Will Not Occur
Conditions to Avoid: Fire and excessive heat.
Incompatibility material: Strong oxidizing agents, acids, bases, chlorates and nitrates.
Hazardous Combustion: Burning may produce ammonia, sulfur trioxide and oxides of carbon.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Sweep or scoop up and collect for disposal. 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.
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: Wear a properly fitted NIOSH/MSHA-approved respirator when exposure to dust is likely.
Ventilation: General (Mechanical) room ventilation is expected to be satisfactory.
Gloves: Impervious (PVC-coated)
Eyes: Chemical goggles
Other: Eyewash station, protective apron and footwear.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams or ponds.
Other precaution: Use caution around spilled product - contact with water will cause spill areas to be quite slippery.

Helena Chemical Company
PH: 901-761-0050
CHEMTREC: 800-424-9300

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X. SHIPPING INFORMATION

Shipping name: Not regulated by DOT, IATA or IMDG.
Hazard Class: None
Identification No: None
Labels Required: None required
Placarding: None
Freight Class: Adhesives, Adjuvants, Spreaders or Stickers,
Solid, NOIBN (NMFC Item 4610, Class 60)

Chemical Name

Equivalent R.Q.

Not applicable

Not applicable

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 2

Fire: 1

Reactivity: 0

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

Immediate (Acute) Health: Y
Sudden Release of pressure: N
Reactive: N

Delayed (Chronic) Health: N
Fire: N

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
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