

Material Safety Data Sheet

Effective Date: 13-JUN-2003  
Product: ACCUQUEST WM

I. IDENTIFICATION

Chemical Name: Deposition Agent and Ammonium Sulfate  
Replacement  
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: >220 Degrees F.  
Freezing Point: <4 Degrees C.  
Spec Gravity: 1.152 gms/cc  
Vapor Pressure: Not determined  
Vapor Density: Not determined  
Solubility: Soluble  
Volatiles: Not determined  
Evaporation: Not determined  
Melting Point: Not applicable  
Appearance: Clear, colorless liquid with ammonia odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of Polyhydroxycarboxylic Acids, Sulfates, Polymeric Deposition Agents, and Inert Ingredients.		100.00	N/E	Skin & eye irritant

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 Degrees F. (PMCC)  
Autoignition Temp: Not available  
Flammable Limit: Not available  
Extinguishing Media: Water, alcohol foam, dry chemical, and carbon dioxide.  
Special Fire Fight Proc: Wear self-contained breathing apparatus and full protective clothing when fighting fires involving this product.  
Fire and Expl Hazard: Can be made to burn (flash point is greater than 200 Degrees F.).

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V. HEALTH HAZARD

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Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE

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Swallowing: May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.  
Skin Absorption: May be harmful if absorbed. Direct contact with skin may cause irritation.  
Inhalation: May cause irritation to the respiratory tract.  
Skin contact: May cause moderate irritation to the skin with contact.  
Eye Contact: May cause moderate eye irritation.  
Chronic Effects: None currently known.  
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

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Swallowing: Immediately give 2 to 4 glasses water to drink. Do not induce vomiting! Consult a physician immediately. Do not give anything by mouth to an unconscious person.  
Skin: Wash skin thoroughly with soap and water. If irritation develops, consult a physician. Launder clothing before reuse.  
Inhalation: Remove to fresh air. Consult a physician if irritation develops.  
Eyes: In case of contact with eyes, immediately flush eyes with water for at least 15 minutes, holding eyelids open. Obtain medical attention if irritation persists.  
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.

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VI. REACTIVITY

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Stability: Stable  
Conditions to Avoid: None currently known.  
Polymerization: Will Not Occur  
Conditions to Avoid: None currently known.  
Incompatibility material: Alkalies and strong oxidizing agents.  
Hazardous Combustion: Thermal decomposition or combustion may produce oxides of carbon, ammonia, and/or oxides of nitrogen.

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VII. SPILL OR LEAK PROCEDURES

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Spill or Leak Proc: Clean up spills with an absorbent material, such as clay, sand or sawdust. Spill area will be quite slippery. Place contaminated material in recovery drum for proper disposal.

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

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VIII. SPECIAL PROTECTION INFORMATION

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Respiration: If vapors/mists are present, use NIOSH/MSHA respirator approved for organic vapors.

Ventilation: Local mechanical exhaust system.

Gloves: Impervious

Eyes: Chemical workers' goggles.

Other: Eyewash station, impervious apron, and footwear.

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IX. SPECIAL PRECAUTIONS

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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. Store in original containers only. Keep containers tightly closed and do not allow water to be introduced to container contents. Do not store near heat or open flames.

Other precaution: Causes skin and eye irritation. Avoid contact with skin, eyes, and clothing. May be harmful if swallowed. Avoid breathing spray mists.

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X. SHIPPING INFORMATION

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Shipping name: Not regulated by DOT.  
Hazard Class: None  
Identification No: None  
Labels Required: None required

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

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Placarding: None  
Freight Class: Adhesives, Adjuvants, Spreaders or Stickers,  
Liquid, NOIBN (NMFC Item 4610, Class 60)

Chemical Name	Equivalent R.Q.
Not applicable	Not applicable

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XI. GENERAL PRODUCT INFORMATION

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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	Delayed (Chronic) Health: N
Sudden Release of pressure: N	Fire: Y
Reactive: N	

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