

Material Safety Data Sheet

Effective Date: 08-MAY-2000
Product: GROUND ZERO

I. IDENTIFICATION

Chemical Name: Deposition Aid and Drift Retardant
Chemical Family: Polyacrylamide
Formula: Not applicable, formulated mixture.
Synonyms: Anionic Polyacrylamide in water-in-oil emulsion
CAS Number: 64742-47-8 & 07681-57-4
EPA Number: Not Required

II. PHYSICAL DATA

Boiling Point: >350 Degrees F.
Freezing Point: <32 Degrees F.
Spec Gravity: 1.000 gms/cc
Vapor Pressure: Not determined
Vapor Density: Not applicable
Solubility: Limited by viscosity
Volatiles: 65%
Evaporation: Not applicable
Melting Point: 0 Degrees F.
Appearance: Grayish white milky liquid, faint ammonia odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of Hydrotreated Petroleum Distillate, Sodium metabisulfite, and polyvinyl Polymers	Not applicable	100.00	5 mg/m3	Mild skin & Eye Irritant

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 Degrees F.
Autoignition Temp: Not determined
Flammable Limit: Not determined
Extinguishing Media: Water spray, alcohol foam, dry chemical, and carbon dioxide.
Special Fire Fight Proc: Wear self-contained breathing apparatus and full fire-fighting clothing when fighting fires in enclosed areas.
Fire and Expl Hazard: None currently known.

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V. HEALTH HAZARD

Carcinogen Information: Not Listed

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Skin Absorption: None currently known.
Inhalation: May cause irritation of the respiratory tract resulting in asthma-like reactions with shortness of breath, wheezing or coughing.
Skin contact: May cause moderate irritation with repeated or prolonged contact.
Eye Contact: May cause eye irritation.
Chronic Effects: None currently known.
Other Hazard: None currently known.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Do not induce vomiting. Do not give liquids. Obtain emergency medical attention. Small amounts that accidentally enter mouth should be rinsed out until taste of it is gone.
Skin: Wash contaminated area with soap and water. If irritation develops, consult a physician.
Inhalation: Move person to fresh air. Consult a physician if irritation develops.
Eyes: Flush eyes with water for 15 minutes, holding eyelids open. If irritation develops, consult a physician.
Notes to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: None currently known.
Polymerization: Will Not Occur
Conditions to Avoid: None currently known.
Incompatibility material: 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

Spill or Leak Proc: CAUTION; Spilled material becomes very slippery when wet. Spilled material should be absorbed onto an inert material and scooped up and placed in plastic recovery drums 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.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: None required under normal use.
Ventilation: Normal room ventilation (Mechanical) should be satisfactory.
Gloves: PVC-coated
Eyes: Wear goggles or face shield.
Other: Eye wash station, impervious 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: Do not store near open heat or flames. Do not store with oxidizing agents or ammonium nitrate fertilizer. Keep container tightly closed.
To avoid product degradation and equipment corrosion, do not use iron, copper or aluminum containers or equipment.

X. SHIPPING INFORMATION

Shipping name: Non-DOT Regulated
Hazard Class: None
Identification No: None Required

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

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Labels Required: None Required
Placarding: None Required
Freight Class: Adhesives, Adjuvants, Spreaders or Stickers,
Liquid, NOIBN

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

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