



Safety Data Sheet

Report Date 02-Mar-15

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1. Identification

Product Name : REQUEST, HELENA
Synonyms : None
Product Use : Water conditioner and Ammonium Sulfate replacement
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 : May cause irritation to the skin.
Eye Irritation : Contact with eyes may cause irritation.
Acute Toxicity Oral : Harmful if swallowed.
Acute Toxicity Dermal : May be harmful if absorbed through the skin.

Hazard Categories : Eye irritation - 2B; Skin irritation - 3; Oral/Dermal/Inhalation Toxicity - 5/5/5

Hazard Statement : Causes mild skin irritation
Maybe harmful if swallowed, in contact with skin or if inhaled
May cause an allergic skin reaction
Causes eye irritation

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Blend of ammonium polyacrylates, hydroxy carboxylates and sulphates.	Proprietary	50.00
Other ingredients	Proprietary	50.00

4. First Aid Measures

Eye : Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
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. Sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything if unconscious or convulsing.

Indication of Immediate Medical Attention and Special Treatment Needed : There is no specific antidote. Treat symptomatically.

5. Fire Fighting Measures

Extinguishing Media : Use extinguishing media for underlying cause of fire.



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Specific Hazards Arising from the Chemical : May emit toxic fumes under fire conditions.
Special Fire Fight Proc : Wear a positive pressure, self-contained breathing apparatus when fighting fires in an enclosed area.

6. Accidental Release Measures

Personal Precautions : Keep unprotected and unnecessary personnel away from spill area.
Protective Equipment : Splashproof goggles or face shield, chemical-resistant gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash station should be available in work area.
Emergency Procedures : Avoid contact with skin, eyes or clothing.
Methods and Materials for Containment and Cleanup : Clean up spills with an oil absorbent material, such as clay, sand or sawdust. Spill area will be quite slippery. Place contaminated material in recovery/salvage drums for proper disposal.

7. Handling and Storage

Precautions for Safe Handling : Keep container tightly closed. Do not allow water to be introduced into the contents of the container. Do not contaminate water sources by run off from cleaning of equipment, disposal of equipment wash water or spray waste.
Conditions for Safe Storage : Store in original container only. Product may crystallize at temperatures below 33 Degrees F. Do not store near heat or open flame. Do not store with oxidizing agents.

8. Exposure Controls / Personal Protection

TLV/PEL : No information found.
Appropriate Engineering Controls : Normal exhaust is sufficient.
Personal Protective Equipment : Splashproof goggles or face shield, chemical-resistant gloves, impervious apron and footwear. Respiratory protection not normally needed. Eyewash station should be available in work area.

9. Physical and Chemical Properties

Odor/Appearance : Clear colorless to light blue-green liquid.
Flash Point, °F : >200 Degrees F.
Boiling Point, °F : Not established
Melting Point(Freezing point), °C : <33 Degrees F.
Vapor Pressure, mm Hg @ 20 °C : Not established
Vapor Density : Not established
Solubility in Water : Soluble
Molecular Formula : Not applicable, formulated mixture.
Density, g/mL @ 25 °C : 1.253 - 1.273
Evaporation Rate(Butyl Acetate = 1) : Not established
Octanol/Water Partition Coefficient : No information found
pH : 2.0 to 3.0
Flammable Limits (approximate volume % in air) : Not applicable
Auto-ignition Temperature : Not applicable
Decomposition temperature : No information found



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10. Stability and Reactivity

- Reactivity** : No information found.
- Chemical Stability** : Stable
- Hazardous Decomposition** : May produce oxides of carbon and asphyxiants under fire conditions.
- Products**
- Hazardous Polymerization** : Will not occur
- Conditions to Avoid** : Avoid strong oxidizing agents, strong bases and strong acids.
- Incompatible Materials** : Strong oxidizing agents, strong bases, and strong acids.

11. Toxicological Information

- Acute Toxicity (Oral LD50)** : No information found.
- Acute Toxicity (Dermal LD50)** : No information found.
- Acute Toxicity Inhalation LC50** : No information found.
- Likely Routes of Exposure** : Skin and eyes
- Skin Irritation** : May be harmful if absorbed through the skin. Causes irritation in contact with skin.
- Eye Irritation** : Causes irritation in contact with the eyes.
- Skin Sensitization** : No information found.
- Carcinogenic** : None currently known.
- 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 (highway), IATA (air), or IMDG (water).
- 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: 0 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 : 02-March-2015