

MATERIAL SAFETY DATA SHEET

Rosen's, Inc., P.O.Box 933, Fairmont, MN 56031

Powerhouse

Updated: October 29, 2005
Supercedes: December 8, 2005

General Information

Names & Synonyms: Water Conditioning Agent
Family: Conditioner
Formula: Proprietary blend
Hazardous Classification: Not Hazardous
Motor Freight Class: 60
Item Number: N/A
UN/NA Number: N/A
Bill of Lading Description: Water Conditioning Agent

Physical Data

pH: 5 - 6 at 100 wt/wt%
Boiling Range: NA
% Volatile by Volume: NA
Specific Gravity: 1.19
Solubility in Water: Soluble
Evaporation Rate (Water = 1): N/A
Appearance & Odor: Transparent, colorless to pale yellow liquid; odorless.
Bulk Density: NA

Hazardous Ingredients

Principal Hazardous Materials	CAS#	Percent	TLV (Units)
Ammonium Sulfate	7783-20-2	<33.00	
Proprietary Surfactant Blend	*****	<22.00	

*Hazardous within the meaning of 29CFR 1910.1200

24 Hour Emergency Phone Number
CHEMTREC: (800)-424-9300

Health Hazard Data

ACGIH Threshold Limit Value: Not established for mixture

Carcinogen-NTP Program: NO

Carcinogen-IARC Program: NO

Primary Routes of Entry:

WARNING...Severe Eye and Skin and Respiratory Tract Irritant. May cause severe eye irritation upon direct contact. Prolonged skin contact may cause slight to moderate irritation. Prolonged inhalation exposure may produce CNS depression.. Harmful if swallowed. May cause nausea and vomiting.

Emergency First Aid:

INHALATION – Remove subject to fresh air. Provide oxygen or artificial respiration if needed. Seek medical attention.

INGESTION – If subject is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave subject unattended.

EYE CONTACT - Flush with water for at least 15 minutes. Seek medical attention if irritation develops or persists.

SKIN CONTACT - Wash with soap and water for at least 5 minutes. Seek medical attention if irritation develops or persists.

Sara Title III, Section 313

This product contains the following toxic chemicals subject to the reporting requirements of SARA Title III, Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40CFR372.

CAS#	Chemical Name	Percent by Weight
NA	NA	NA

Fire & Explosion Hazard Data

Flash Point (TCC): Greater than 199° F

Flammability Limits: Not Established

Extinguishing Media: Use carbon dioxide or dry chemical.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective gear when entering confined areas.

Unusual Fire and Explosion Hazards: None. Thermal decomposition may produce oxides of carbon and nitrogen.

Reactivity Data

Stability: Stable

Conditions to Avoid: Excessive Heat

Hazardous Polymerization: Will not occur.

Materials to Avoid: Strong oxidizers. Acetic anhydride, calcium oxychloride, chromium oxides and alkali metal hydrides.

Hazardous Decomposition Products: Thermal decomposition products may include: oxides of carbon.

Environmental Protection

Spill Response: For wet material, dike spill and absorb with inert material and collect for disposal. Caution: Wet material is slippery. For dry powder, sweep or scoop-up and collect for disposal. Avoid creating dust clouds and breathing dust. Spills or releases to the environment may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

Waste Disposal Method: Follow federal, state and local regulations regarding health and pollution. Landfill or dissolve in a suitable solvent and incinerate in accordance with federal, state and local regulations. Material is not a hazardous waste under current RCRA regulations.

Special Protection Information

Eye Protection - Tight fitting goggles are recommended to reduce exposure to eyes if high dust concentration exists.

Skin Protection - For operations where contact can occur, wear impervious gloves.

Respiratory Protection - Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure to dust is likely unless levels are below applicable limits.

Ventilation Recommended - Ventilation adequate to keep hazardous ingredients below their TLV.

Other Protection - For operations where contact can occur, wear clothing to limit skin contact. A safety shower and eye wash facility should be available.

Special Precautions

Handling & Storage Precautions: Use only with adequate ventilation. Avoid contact with skin or eyes. Avoid prolonged or repeated breathing of vapor, dust, or spray mists. Avoid contact with eyes, skin and clothing. Do not take internally. In case of eye contact, flush with large amounts of water and get medical attention. Always wear protective gear.

Ground containers when transferring from one to another. Where dusty conditions exist, an explosive atmosphere could develop as with any organic material. Store above 0°F.

Other Precautions: Keep container tightly closed and upright when not in use. Follow good industrial practices with regard to housekeeping and personal hygiene. Keep out of reach of children.

The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The information contained herein is furnished without warranty of any kind.

