

SAFETY DATA SHEET

Powerhouse

Section 1 Product and Manufacturer Information

Manufacturer: Rosens's Inc; 700 SW 291 Hwy, Ste. 204, Liberty, MO 64068.

Phone: 877-781-9191

For Other Emergencies call 911 and/or Appropriate Regulatory Agencies

Product Name: Powerhouse

Chemical Description: Water Conditioning Agent and Surfactant Blend

Names & Synonyms: Proprietary blend

Product Use: Agricultural Use

Section 2 Health Hazard Identification

May cause irritation upon direct contact. Prolonged contact may cause slight to moderate irritation. Prolonged inhalation exposure may produce CNS depression. May be harmful if swallowed. May cause nausea and vomiting.

OSHA/HCS Status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Section 3 Composition / Information on Ingredients

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

Section 4 First Aid Measures

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.

Section 5 Fire Fighting Measures

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.

Section 6 Accidental Release Measures

Personal precautions:

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from handling product. Put on appropriate personal protective equipment (see Section 8).

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.

Material is not a hazardous waste under current RCRA regulations.

Section 7 Handling and Storage

Store in accordance with local regulations. Store in original container away from incompatible materials (see Section 10) and food and drink. Store in an area that is dry, well-ventilated, away from ignition sources, away from incompatible materials. Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes.

Product may suspend in layers if stored below 0° F. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Keep out of reach of children!

Section 8 Exposure Controls/Personal Protection

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.

Section 9 Physical and Chemical Properties

pH: 5 - 6 at 100 wt/wt%

Boiling Range: NA

% Volatile by Volume: NA

Freezing/Storage Temperature: 0°F

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

Section 10 Stability and Reactivity

Stability: Stable

Conditions to Avoid: Excessive Heat. Product may suspend in layers if stored below 0° F.

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.

Section 11 Toxicological Information

This material is not known to be a toxicity hazard to humans.

Section 12 Ecological Information

This material is not known to present an ecological hazard.

Section 13 Disposal Considerations

This product is not defined as a hazardous waste by the U.S.E.P.A. Dispose of this product as recommended by federal, state, and local regulations.

Section 14 Transport Information

Hazardous Classification: Not Hazardous

Motor Freight Class: 60

Item Number: N/A

UN/NA Number: N/A

Bill of Lading Description: Water Conditioning Agent

Section 15 Regulatory Information

SARA Title III Hazard Class: Not regulated

CERCLA Reportable Quantity: Not regulated

TSCA: Not regulated

RCRA Hazardous Waste Classification: Not regulated

Clean Air Act: Not regulated

Section 16

Other Information

Disclaimer: This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. No warranty of merchantability, fitness for any particular purpose, or any other warranty, express or implied, is made concerning the information herein provided. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

Preparation/Revision

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