

MATERIAL SAFETY DATA SHEET

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

Sable

Last Updated: March 1, 2013

Section 1 Product and Manufacturer Information

Names & Synonyms: Blend

Family: Surfactant/Ammonium Sulfate Blend

Manufacturer: Rosens's Inc; P.O. Box 933, Fairmont, MN 56031. Phone: 800-792-2000

For Transportation Emergencies call Chemtrec at 800-424-9300

For Other Emergencies call 911 and/or Appropriate Regulatory Agencies

Section 2 Composition / Information on Ingredients

Formula: Proprietary Mixture

Principal Hazardous Materials	Percent	Threshold Limit Value (Units)
Nonionic Surfactant	< 10%	Not Established
Ammonium Sulfate Solution	< 95%	Not Established

Section 3 Health Hazard Identification

KEEP OUT OF REACH OF CHILDREN

Skin Contact: Causes irritation.

Eye Contact: Causes irritation.

Respiration: Inhalation may irritate nose, throat, and lungs, causing sore throat, coughing and shortness of breath.

Ingestion: May irritate mouth, esophagus, stomach, causing abdominal pain, nausea and vomiting.

Section 4 First Aid Measures

IF SWALLOWED: Drink plenty of water if conscious. Call a physician or poison control center immediately for advice on inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Immediately flush eyes with plenty of water. Continue flushing for at least 15 minutes and call a physician if irritation persists.

IF ON SKIN: Flush affected skin with water. Remove all contaminated clothing. Launder clothing before reuse.

IF INHALED: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call a physician. The antidote for poisoning with Zinc salts should be administered by a physician.

Section 5	Fire Fighting Measures
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Flash Point (TCC): >200 deg. F

Flammability Limits: Not Established

Extinguishing Media: Foam, water spray, dry chemical or carbon dioxide

Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus in positive pressure mode with full face piece when there is a possibility of exposure to smoke, fumes or decomposition products.

Fire and Explosion Hazards: This product will produce foam when mixed with water.

Section 6	Accidental Release Measures
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Do not allow to enter drains waterways, etc. Contain large spills by diking with soil or other material. Small spills may be covered with an absorbent material. Do not dilute with water or use water to flush material to another location. For uncontrolled or major releases, response by trained personnel using preplanned procedures is recommended. Refer to Exposure Controls / Personal protection to determine proper PPE. Consult applicable regulatory agencies for spill reporting and disposal.

Section 7	Handling and Storage
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Store product in original container. Do not store near heat or open flame. Do not reuse container. Do not contaminate water, food or feed by storage or disposal. Keep packaging closed, securely fastened and upright. Product should be stored above 0°F.

There has been no exposure limit for this product established. (i.e. OSHA-PEL and ACGIH-TL.) Whether there is need for respiratory protection under your condition of handling this material should be evaluated by a qualified health specialist.

Section 8	Exposure Controls / Personal Protection
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Eye Protection: Tight fitting goggles are recommended to reduce exposure to eyes if high mist concentrations exist.

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

Respiratory Protection: None required under normal use.

Ventilation Recommended: Ventilation adequate to keep hazardous ingredients below their

TLV.

Other Protections: Wear protective clothing which is impervious to the product for the duration of anticipated exposure if there is a potential for prolonged or repeated skin contact. Eye wash and safety shower should be available.

Section 9	Physical and Chemical Properties
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Appearance & Odor: Clear, viscous brown to light yellow liquid, mild odor

pH (5% Solution): 7.0 - 8.0

Boiling Range: >212 deg. F

% Volatile by Volume: 50%

Specific Gravity (H₂O) : 1.17

Solubility in Water: Miscible

Evaporation Rate (Butyl Acetate = 1) : < 0.1

Section 10	Stability and Reactivity
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Stability: Stable

Conditions to Avoid: None known

Hazardous Polymerization: Will not occur.

Materials to Avoid: Avoid contact with strong acids and oxidizing agents.

Hazardous Decomposition Products: Decomposition may produce carbon monoxide, carbon dioxides, and oxides of sulfur.

Section 11	Toxicological Information
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This material is not known to be a toxicity hazard to humans.

Section 12	Ecological Information
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This material is not known to be an ecological hazard.

Section 13	Disposal Considerations
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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
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Hazardous Classification: Not Hazardous

Motor Freight Class: 60

Item Number: None

UN/NA Number: None

Bill of Lading Description: Adhesives, Adjuvants, Spreaders or Stickers

Section 15	Regulatory Information
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ACGIH Threshold Limit Value: Not Established for mixture

Carcinogen-IARC Program: No

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		

Section 16	Other Information
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