

# SAFETY DATA SHEET

## Zenith

Date Prepared: 5-20-15

### Section 1 Identification

Product Name (s): Zenith

Synonyms: Proprietary dry bonded surfactant blend

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

Phone: 877-781-9191

For Transportation Emergencies call Chemtrec at 800-424-9300

For Other Emergencies call 911 and/or Appropriate Regulatory Agencies

### Section 2 Hazard Identification

HCS 2012 (29 CFR 1910.1200)

Pictogram:



Signal Word: Warning

#### Hazard Statements:

Causes serious eye irritation.

Precautionary Statements:

#### Prevention

Wash thoroughly after handling.

Wear eye protection/ face protection.

#### Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

#### Disposal

Dispose of in accordance with all applicable regulations.

#### Other hazards which do not result in classification

Inhalation of high mist concentrations may cause headaches and dizziness.

### Section 3 Composition/Information on Ingredients

Proprietary blend of:

Proprietary blend of diammonium salts, surfactants, crop-based elasto polymer and polysiloxane.

<b>Principal Materials</b>	<b>CAS#</b>	<b>Percent</b>	<b>TLV (Units)</b>
Proprietary Surfactant Blend*		Less than 10%	Not estab. (eye irritant)
Ammonium Sulfate	7783-20-2	Less than 90%	Not established
Polymeric viscosity modifier*		Less than 7%	Not established

\*The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

#### **Section 4 First Aid Measures**

##### **IF SWALLOWED:**

Call a doctor or poison control center immediately.

Have person sip a glass of water if able to swallow.

Do not induce vomiting unless told to by a poison control center or doctor.

Do not give anything by mouth to an unconscious person.

##### **IF IN EYES:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If irritation persists, call a poison control center or doctor for treatment advice.

##### **IF ON SKIN:**

Take off contaminated clothing.

Rinse skin immediately with plenty of water for 15 – 20 minutes.

Call a poison control center or doctor for treatment advice.

##### **IF INHALED:**

Move person to fresh air.

If person is not breathing call 911 or an ambulance, then give artificial resuscitation.

Call a poison control center or doctor for further treatment advice.

#### **Section 5 Fire Fighting Measures**

**Flash Point (TCC):** Greater than 200 F

**Flammability Limits:** Not Established

**Extinguishing Media:** Carbon dioxide, dry chemical, alcohol foam, water fog

**Special Fire Fighting Procedures:** Water spray may be ineffective, but may be used to cool closed containers. Use SCBA and wear protective gear.

**Unusual Fire and Explosion Hazards:** Ammonia and Sulfur Trioxides may evolve if solution is heated to high temperatures.

#### **Section 6 Accidental Release Measures**

### **Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid dust formation. Avoid breathing dusts, vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.

### **Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### **Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## **Section 7 Handling and Storage**

### **Precautions for safe handling**

Avoid formation of dust. Provide appropriate exhaust ventilation at places where dusts, vapors or spray mists are formed.

### **Conditions for safe storage, including any incompatibilities**

Keep container tightly closed in a dry and well-ventilated place.

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. Excessive heat (282° C/539.6° F will cause decomposition with release of Ammonia and Sulfur Trioxide.)

## **Section 8 Exposure Controls / Personal Protection**

Avoid breathing dusts, vapors or spray mists. Avoid contact with eyes, skin and clothing. Do not take internally. Always wear proper protective gear.

**Eye Protection** - Chemical safety glasses/goggles.

**Skin Protection** - Impervious gloves and protective clothing.

**Respiratory Protection** - None required under normal use but when respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

**Ventilation Recommended** – Use in a well ventilated area.

**Other Protection** - As needed to prevent inhalation, ingestion, eye and skin contact.

## **Section 9 Physical and Chemical Properties**

**pH (5% Solution):** 6 - 7

**Boiling Range:** N/A

**% Volatile by Volume:** N/A

**Specific Gravity:** N/A

**Solubility in Water:** Complete

**Evaporation Rate (Water = 1):** N/A

**Appearance & Odor:** Off white solid with slight alcohol scent

**Bulk Density:** 50 - 55 lbs./cu.ft.

## Section 10 Stability and Reactivity

**Stability:** Stable

**Conditions to Avoid:** Excessive heat (282° C/539.6° F will cause decomposition with release of Ammonia and Sulfur Trioxide.)

**Hazardous Polymerization:** Will not occur.

**Materials to Avoid:** Strong oxidizing agents, acids, bases, chlorates, nitrates

**Hazardous Decomposition Products:** Carbon monoxide, ammonia, sulfur trioxide, carbon dioxide from high temperatures.

## Section 11 Toxicology Information

Materials within this product could cause eye irritation but is otherwise not known to be a toxicity hazard to humans.

## Section 12 Ecological Information

Toxicity Toxicity to fish LC50 - Oncorhynchus mykiss (rainbow trout) - 36.7 mg/l - 96 h

Toxicity to daphnia and other aquatic LC50 - Daphnia magna (Water flea) - 433 mg/l - 50 h

This material is not known to present any other ecological hazards.

## Section 13 Disposal Considerations

This product is not defined as a hazardous waste by the U.S.E.P.A.

Dispose of in accordance with all applicable federal, state and local regulations.

## Section 14 Transport Information

**DOT (US)**

**Hazardous Classification:** Not dangerous goods

**Motor Freight Class:** 60

**Item Number:** N/A

**UN/NA Number:** N/A

**Bill of Lading Description:** Adhesive, Adjuvants, Spreaders or Stickers

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

**Section 15 Regulatory Information**

**SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

Ammonium sulphate CAS-No. 7783-20-2

**SARA 311/312 Hazards**

No SARA Hazards

**Massachusetts Right To Know Components**

Ammonium sulphate CAS-No. 7783-20-2

**Pennsylvania Right To Know Components**

Ammonium sulphate CAS-No. 7783-20-2

**New Jersey Right To Know Components**

Ammonium sulphate CAS-No. 7783-20-2

**Section 16 Other Information**

Prepared: 5/20/15

**HMIS Rating**

Health hazard: 2

Flammability: 0

Physical Hazard 0

**NFPA Rating**

Health hazard: 2

Fire Hazard: 0

Reactivity Hazard: 0

*The information provided in this 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 Safety Data Sheets from time to time as new technical information becomes available. The information contained herein is furnished without warranty of any kind.*