

Safety Data Sheet

1. Product Identification

- a. Product Name:** Aerate
- b. Chemical Description:** Ammonium Laureth Sulfate
- c. Product Uses:** Anionic Surfactant
- d. Emergency Number:** 800-495-3118
AgriTec International
- e. Manufacturer:** 8765 Stockard Dr Suite 304
Frisco TX 75034

2. Hazards Identification

- a. Hazard Classification:** CATEGORY 2 - Skin Irritant
CATEGORY 2A - Severe Eye Irritant

b. Pictograms:



- c. Signal Word:** WARNING!
- d. Hazard Statement:** H315: Causes skin irritation
H319: Causes serious eye irritation

e. Precautionary Statements:

Prevention:

P264: Wash ... thoroughly after handling

P273: Avoid release to the environment

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P305+351+338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice/attention.

Storage:

P402+404: Store in a dry place. Store in a closed container.

Disposal:

P501: Dispose of contents/container in accordance with local regulations.

- f. HMIS Rating:** Health: 2 - Moderate Hazard
Flammability: 1 - Slight Hazard

Reactivity: 0 - Minimal Hazard
Personal Protection: B - Safety Glasses, Gloves

3. Composition/Information on Ingredients

| Component | CAS # | Wt. % |
|-------------------------------|------------|-----------|
| Water | 7732-18-5 | 70 |
| Ammonium Lauryl Ether Sulfate | 67762-19-0 | 24.0-26.0 |
| Alcohols, C10-16, ethoxylated | 68002-97-1 | <1.5 |
| Ammonium Chloride | 12125-02-9 | <1.0 |

4. First-Aid Measures

- a. Eye Contact:** Immediately flush eyes with a large amount of water for at least 15 minutes.
- b. Skin Contact:** In case of skin contact, wash thoroughly with soap and water.
- c. Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
- d. Ingestion:** Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
- e. Further medical:** None

5. Fire-Fighting Measures

- a. Suitable Extinguishing Media:** Water fog or spray, Foam, Dry Powder, Carbon Dioxide (CO₂).
- b. Hazardous Combustion Products:** Oxides of carbon and sulfur.
- c. Special Precautions:** Wear self contained breathing apparatus and protective gear.

6. Accidental Release Measures

- a. Personal Precautions:** Wear appropriate protective equipment.
- b. Emergency Procedures:** Ensure adequate ventilation.
- c. Containment Methods/Materials:** Soak up with an absorbent material.
- d. Cleanup Procedures:** In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.

7. Handling and Storage

- a. Handling Precautions:** Normal precautions should be observed as for handling all chemicals.
- b. Storage Conditions:** Store in original sealed containers.

8. Exposure Controls/Personal Protection

- a. Engineering Controls:** Provide effective ventilation to draw fumes and vapors away from workers to prevent routine inhalation.
- b. Eye/Face Protection:** Wear eye/face protection. Wear safety glasses with side shields (or goggles) and a face shield. Do not get in eyes.
- c. Skin Protection:** Wear appropriate chemical resistant clothing and gloves.
- d. Respiratory Protection:** No special protective equipment required.
- e. Exposure Limits:** OSHA PEL: N/A
ACGIH TLV: N/A

9. Physical and Chemical Properties

- | | | | |
|----------------------------|------------------------|---------------------------------|------------|
| a. Appearance | Clear Liquid | j. Flammability Limit | N/A |
| b. Odor | Sweet, ethoxylated | k. Vapor Pressure | N/A |
| c. Odor Threshold | N/A | l. Vapor Density(Air=1) | N/A |
| d. pH | 6.0-7.0 (10% solution) | m. Rel. Density(Water=1) | 1.04 |
| e. Melting Point | N/A | n. Solubility | Soluble |
| f. Boiling Point | Approx. 212°F | o. Partition Coefficient | N/A |
| g. Flash Point | > 201°F | p. Auto-Ignition Temp | N/A |
| h. Evaporation Rate | N/A | q. Decomposition Temp | N/D |
| i. Flammability | N/A | r. Viscosity (25°C) | <3,000 cps |

10. Stability and Reactivity

- a. Reactivity:** Stable at room temperature, no reaction risk.
- b. Chemical Stability:** Stable under normal ambient temperature and conditions.
- c. Conditions to Avoid:** Keep away from heat, sparks and flame.
- d. Incompatible Materials:** Strong oxidizing agents. Strong acids.
- e. Hazardous Decomposition:** Oxides of carbon and sulfur.

11. Toxicological Information

- a. Routes of Exposure** Eye: Irritant
Skin: Irritant
Inhalation: Unknown
Ingestion: Unknown
- b. Acute Oral Toxicity:** LD50 Rabbit: >2,000mg/kg
- c. Acute Dermal Toxicity:** LD50 Rat: >5,000 mg/kg

- c. **Exposure Effects:** N/A
- d. **Exposure Symptoms:** Irritation to skin and eyes.
- e. **Carcinogenicity:** Carcinogenicity - This chemical is not considered to be carcinogenic by NTP, IARC, or OSHA.

12. Ecological Information

- a. **Ecotoxicity Data:** EC50 Algae: >56 mg/l 72 hours
EC50 Daphnia: >13 mg/l 48 hours
LC50 Fish: >6.3 mg/l 96 hours
- b. **Persistence and Degradation:** Readily Biodegradable
- c. **Bioaccumulative Potential:** No Information Available

13. Disposal Considerations

- a. **Disposal Methods:** Not classified as a hazardous waste. Dispose of according to applicable environmental regulations. All wastes must be handled in accordance with local, state, and federal regulations. Regulations vary by location.

14. Transportation

- a. **UN Proper Shipping Name:** N/A
- b. **Transport Hazard Class:** NOT REGULATED
- c. **Environmental Hazards:** N/A

15. Regulations

Contents of this SDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

- a. **TSCA Status:** Listed
- b. **Prop 65:** 1,4-Dioxane (CAS 123-91-1) <5 ppm
- c. **Clean Air Act, Section 112:** This product does not contain any Hazardous Air Pollutants (HAPs).
- d. **SARA 302 Extremely Hazardous Substance:** No
- e. **SARA 311 Hazardous Substance:** Yes

16. Other Information

- Revision Date:** 8/30/2021
- Prepared by:** AgriTec

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