

# SAFETY DATA SHEET

## SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

### PRODUCT

**Product Name:** AMMONIUM LAURYL SULFATE SOLUTION

**Control Number:** 00257

**Product Description:** Ammonium Dodecyl Sulfate Salt

### COMPANY IDENTIFICATION

**Supplier:** Chemical Distribution Solutions

1125 Oak St. Ste. 303

Conway, AR 72032

**24 Hour Emergency Telephone:** (800) 424-9300 CHEMTREC

**General Information:** (501) 978-1111

## SECTION 2- HAZARDS IDENTIFICATION

### GHS Classification:

#### [ Health ]

Skin irritation Category 2

Eye irritation Category 2A

#### [ Environmental ]

Acute Aquatic Toxicity Category 3

#### [ Physical ]

### GHS Label elements, including precautionary statements

### Pictograms



**Signal Word:** Warning

### Hazard statement(s)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

### Precautionary statement(s)

P264 Wash skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/ eye protection/ face protection.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P391 Collect spillage.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Ammonium Lauryl Sulfate	2235-54-3	28-31

## SECTION 4 - FIRST AID MEASURES

### FIRST AID PROCEDURES:

**Eye Contact:** Flush eyes with plenty of water for at least 15 minutes. Seek medical attention/advice.

**Skin Contact:** Wash with soap and water. Seek medical attention if irritation develops and persists.

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.

**Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention.

## SECTION 5 - FIRE FIGHTING MEASURES

**Suitable Extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Hazardous combustion products:** Oxides of nitrogen, carbon and sulfur.

**Fire Fighting Procedures:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

**Unusual Fire and Explosion Hazards:** Use water spray to cool unopened containers.

## SECTION 6 - ACCIDENTAL RELEASE and DISPOSAL MEASURES

**Small Spill:** Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

**Large Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV.

## SECTION 7 - STORAGE AND HANDLING

**Handling** Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids.

**Storage:** Store in a cool, dry, ventilated area, away from incompatible substances. Store only in approved properly labeled containers.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering Controls:** Provide adequate ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.

**Exposure Limits:** Ammonium Lauryl Sulfate      Contains no substances with occupational exposure limit values.

### Personal Protective Equipment (PPE):

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

**Skin:** If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

**Clothing:** Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.

**Respirators:** Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

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## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

**Flash Point:** Not applicable  
**Autoignition Temperature:** Not applicable  
**Boiling Point:** 212 °F  
**Melting Point/Freezing Point:** No available data  
**Vapor Pressure:** 17 mmHg  
**Vapor Density (Air-1):** 0.6  
**Odor/Appearance:** Turbid liquid with no appreciable odor

**Flammability Limits:** Not applicable  
**Specific Gravity:** 1.02-1.05  
**Volatile %:** No available data  
**Evaporation Rate (Water=1):** No available data  
**pH:** 6.8 (1% Sol'n)  
**Solubility in Water:** soluble

## SECTION 10 - STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal use and temperature conditions.  
**Conditions to Avoid:** Incompatible materials  
**Incompatible Materials:** Reactive with oxidizing agents, acids.  
**Hazardous Polymerization:** Will not occur under normal use and temperature conditions.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Signs and Symptoms of Overexposure:

**Eye:** Contact with eyes cause serious irritation, with possible tearing and redness.  
**Skin:** Contact with skin causes irritation and possible rash.  
**Ingestion:** May cause gastrointestinal tract irritation with nausea, vomiting and diarrhea.  
**Inhalation:** May cause irritation of the respiratory tract and lung tissue.

### Acute oral toxicity:

LD50 rat: 100 mg/kg

### Acute inhalation toxicity:

LC50 rat: 454000 mg/m 4h

### Acute dermal toxicity:

LD50 rabbit: No available data

## SECTION 12 - ECOLOGICAL INFORMATION

**Aquatic Toxicity:** The product itself and its products of degradation are not toxic.  
**Bio-accumulative potential:** No Available data.  
**Mobility:** Accidental spillage may lead to penetration in the soil and contamination of groundwater.

## SECTION 13 - DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## SECTION 14 - TRANSPORTATION

### U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

**Proper Shipping Name:** Not a DOT Regulated Material  
**Hazard Class**  
**UN Number:**  
**Packaging Group:**

## SECTION 15 · REGULATORY INFORMATION

### US FEDERAL REGULATIONS

#### **Comprehensive Environmental Response and Liability Act (CERCLA)**

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material has not been established.

**Toxic Substance Control Act (TSCA):** All components of this product are listed on the TSCA inventory list.

#### **SARA Section 311/312 (40 CFR 370) Hazard Categories:**

Acute Health Hazard

#### **SARA Section 313 (40 CFR 372) Hazard Categories:**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Water Act:** None of the chemicals in this product are listed as Hazardous Substances under the CWA.

**Clean Air Act:** None of the chemicals in this product are listed as Hazardous Substances under the CAA.

**California Prop 65:** This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

## SECTION 16 · OTHER INFORMATION

**MSDS Revision Date:** February 2015

**National Fire Protection Association (NFPA) Ratings:** This information is intended solely for the use of individuals trained in the NFPA system.

**Health:** 1

**Flammability:** 0

**Reactivity:** 3

The data in this Safety Data Sheet relates to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control it should not be taken as warranty or representation for which Chemical Distribution Solutions assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.