



Safety Data Sheet

**Section 1: Identification**

Trade Name: Ammonium Lauryl Sulfate  
Synonyms: CALFOAM® ALS-30  
Company: Soapgoods Inc  
Address: 1824 Willow Trail Pkwy, Ste 200. Norcross. GA 30093  
Phone: (404) 924-9080  
E-Mail: wecare@soapgoods.com  
Emergency Phone: Chemtrec 1 800 424 9300

**Section 2: Hazard(s) Identification**

Emergency Overview Irritant

Potential Health Effects

Eyes Contact with eyes may cause irritation  
Skin Substance may cause slight skin irritation.  
Inhalation May cause irritation of respiratory tract  
Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea  
Chronic effects No information available

**Section 3: Composition/Information on Ingredients**

Chemical Name	CAS No	% Content	OSHA PEL
Sulfuric acid, mono-C10-16-alkyl esters, ammonium salts	68081-96-9	27-30	-
Alcohols, C10-16	67762-41-8	0-2	-
Ammonium Sulfate	7783-20-2	0-1	-
Water	7732-18-5	68-73	-

**Section 4: First-Aid Measures**

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician

Skin Contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If symptoms persist, call a physician

Inhalation Move to fresh air. If symptoms persist, call a physician

Ingestion Drink plenty of water. Do not induce vomiting without medical advice. Consult a physician

## **Section 5: Fire-Fighting Measures**

Flammable Properties Non-flammable water solution.

Flammable Limits Not Determined.

Hazardous Combustion Products Oxides of carbon. Oxides of sulfur. Oxides of nitrogen.

SPECIAL FIRE FIGHTING

PROCEDURES

Method Water mist may be used to cool closed containers.

Suitable Extinguishing Media Water. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Foam.

Unusual Fire & Explosive Hazards None

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

Small Spillages Recover all usable material. Soak up balance with sand or dirt. Material is slippery on wet or hard surfaces.

Large Spillages In case of a large spill by truck, use small spill procedure and a vacuum truck. Call CHEMTREC at 1-800-424-9300.

## **Section 7: Handling and Storage**

Handling Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapours or spray mist. Spilled material is very slippery. Foams when hit with a stream of water.

Storage Containers should be tightly closed and stored between 60°F and 100°F and away from strong oxidizing agents.

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

Engineering measures Ensure adequate ventilation, especially in confined areas

Eye/Face Protection Tightly fitting safety goggles. If splashes are likely to occur, wear a face-shield

Skin Protection Wear protective gloves/clothing

Respiratory Protection No special protective equipment required, unless workers are exposed to concentrations above the exposure limit

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

Boiling Point/Range Not available

Vapor Pressure Not available

Volatile Weight % 68-73

Water Solubility Soluble in all proportions

Specific Gravity 1.02

pH 6-7 (in 10% Water)

Odor Slight ammonia odor

Appearance Colorless to off-white, clear to slightly hazy

Physical State Liquid

## **Section 10: Stability and Reactivity**

Chemical Stability Stable under normal conditions.

Unsuitable Materials Strong oxidizing agents and strong acids.. Strong alkalis evolve ammonia gas when mixed.

Conditions to Avoid Do not mix with strong oxidizing agents or strong acids..

Hazardous Decomposition Products None under normal use

Hazardous Polymerization No information available

## **Section 11: Toxicological Information**

Component	LD50 Oral	LC50 Inhalation	LD50 Dermal
Alcohols, C10-16	10000 mg/kg ( Rat )	-	11300 mg/kg ( Rabbit ) 2000 mg/kg ( Rat )
Ammonium sulfate	2000 mg/kg ( Rat )	-	

Eyes Eye Irritation

Skin Skin Irritation

Ingestion Unknown

Inhalation Unknown

Chronic Toxicity No information available

Carcinogenicity Product is not listed.

Hazard Type Skin/Eye Irritant.

## Section 12: Ecological Information

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Ammonium sulfate	-	-	-	EC50 = 14mg/L 48 h EC50 = 423 mg/L 24 h

Ecotoxicity effects This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Chemical Fate Material is readily biodegradable

## Section 13: Disposal Considerations

Waste Disposal Methods Dispose of contents/container in accordance with local regulation.

## Section 14: Transport Information

DOT Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

RID Not regulated

ADR Not regulated

ADN Not regulated

### Section 15: Regulatory Information

Component	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Sulfuric acid, mono-C10-16-alkyl esters, ammonium salts	X	X	X	X	X	X	X	X	X	X
Alcohols, C10-16	X	X	X	X	X	X	X	X	X	X
Ammonium sulfate	X	X	X	X	X	X	X	X	X	X
Water	X	X	X	X	X	X	X	X	X	X

USA

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard Yes

Chronic Health Hazard No

Fire Hazard No

Sudden Release of Pressure Hazard No

Reactive Hazard No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any HAPs.

## **Section 16: Other Information**

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Review Date: September 2017