

MATERIAL SAFETY DATA SHEET

SODIUM LAURETH SULFATE

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Sodium Laureth Sulfate
INCI Name Sodium Laureth Sulfate
Company Address 1133 Walter Price St
Cayce, SC 29033

Emergency Telephone Number Infotrac 1-800-535-5053

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %	OSHA PEL
.alpha.-Alkyl (C10-16) .omega.-hydroxypoly (oxyethylene) sulfate, sodium salt	68585-34-2	25-29	-
Alcohols, C10-16, ethoxylated	68002-97-1	0-1.5	-
Sodium sulfate	7757-82-6	<1	-
Water	7732-18-5	68.5-75	

3. HAZARDS 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

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.

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5. FIRE-FIGHTING MEASURES

Flammable Properties Non-flammable water solution.

Flammable Limits Not Determined.

Hazardous Combustion Products Oxides of carbon. Oxides of sulfur.

SPECIAL FIRE FIGHTING PROCEDURES

Method Water mist may be used to cool closed containers.

Suitable Extinguishing Media Water spray. Foam. Dry powder. Carbon dioxide (CO2).

Unusual Fire & Explosive Hazards None

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6. ACCIDENTAL RELEASE MEAS URE

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.

7. HANDLING AND STORAGE

Handling Wear personal protective equipment. Avoid contact with skin, eyes and clothing..

Storage Containers should be stored at temperatures between 40 °F and 100 °F .

8. EXPOSURE CONTROLS I 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:. Face-shield.

Skin Protection Wear protective gloves/clothing .

Respiratory Protection No special protective equipment req uired. **Component ACGIH TLV OSHA PEL OSHA PEL (Ceiling) OSHA PEL - Skin Notations**
Alcohols, C10-16, ethoxylated

9. PHYSICAL AND CHEM ICAL PROPERTIES

Boiling Point/Range 100°C **Vapor Pressure** No data available **Volatile Weight %** 68.5-75 **Water Solubility** Soluble in all proportions **Specific Gravity** 1.04 **pH** 7-9 **Odor** Mild detergent odor **Appearance** Colorless to pale yellow **Physical State** Liquid

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10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions.

Unsuitable Materials Strong acids. Strong oxidizing agents.

Conditions to Avoid Strong oxidizers. Do not mix with strong acid solutions or temperatures >150 °F .

Hazardous Decomposition Products None under normal use

Hazardous Polymerization No information available

11. TOXICOLOGICAL INFORMATION

Component	LD50	Oral LC50 Inhalation	LD50 Dermal
Sodium sulfate	10000 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.

12. ECOLOGICAL INFORMATION

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Sodium sulfate	-	-	-	EC50 = 2564 mg/L 48 h EC50 = 4547 mg/L 96 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.

13. DISPOSAL CONSIDERATIONS

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

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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

15. REGULATORY INFORMATION

International Inventories

Component	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
.alpha.-Alkyl (C10-16) .omega.-hydroxypoly (oxyethylene) sulfate, sodium salt	X	X	-	X	-	X	X	X	X	X
Alcohols, C10-16, ethoxylated	X	X	-	X	-	X	X	X	X	X
Sodium sulfate	X	X	-	X	-	X	X	X	X	X
Water	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.

CANADA

WHIMIS Classification: D2B. This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

Revision Date 06/25/2014

Prepared by Jonathan L. McIntosh

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

06/25/2014