



MATERIAL SAFETY DATA SHEET

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Emergency: CHEMTREC 800-424-9300

SECTION 1 - PRODUCT INFORMATION

PRODUCT NAME: NAXOLATE® AS-LN90
CHEMICAL NAME: Sodium Lauryl Sulfate
CAS NUMBER: 151-21-3
PRODUCT CODE: 3310
MSDS NO.: 1-16108

ISSUE DATE: 07/13/05
SUPERSEDES: 11/30/04

SECTION 3 - HAZARD IDENTIFICATION

Appearance & Odor: Off-white needles, solid. Mild, fatty odor.

Primary Routes of Exposure: Skin, Eyes, and Respiratory tract.

Health Hazard Warnings: CAUTION! Can cause slight to moderate eye and skin irritation. Prolonged or repeated overexposure to dusts may cause upper respiratory irritation. Dusts at sufficient concentrations can form explosive mixtures with air.

Inhalation: Prolonged or repeated overexposure to dusts may cause upper respiratory tract irritation.

Skin Contact: May cause slight to moderate irritation. May cause allergic sensitivity reactions in certain individuals.

Eye Contact: Contact with eyes can cause slight to moderate irritation.

Ingestion: May cause irritation to the membranes of the mouth, throat and gastrointestinal tract.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS REGISTRY NO.</u>	<u>PERCENT</u>
Sodium lauryl sulfate	151-21-3	> 90
Dodecyl alcohol	112-53-8	< 3
Sodium sulfate	7757-82-6	< 6
Water	7732-18-5	< 4

SECTION 4 - FIRST AID MEASURES

Eyes: Immediately flush eyes with water for 10 - 15 minutes. Hold eyelids apart and roll eyes up and down to assure complete washing. Seek medical attention.

Skin: Thoroughly flush the affected area with plenty of water for at least 15 minutes. Remove contaminated clothing and equipment.

Inhalation: Immediately move the patient to fresh air and call a physician. If breathing is difficult, give oxygen. If not breathing, begin artificial respiration.

MATERIAL SAFETY DATA SHEET

Page 2 of 4

MSDS No.: 1-16108

SECTION 4 - FIRST AID MEASURES (CONT.)

Ingestion: Call a physician. Never give anything by mouth to an unconscious person. Induce vomiting only at the instructions of a physician or nurse.

Other Specific Instructions: In the event of exposure, seek medical attention immediately. Do not give chemical antidotes unless directed to do so by the physician.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Not applicable

Auto Ignition: No data available

Explosive Limits; UEL/LEL: In sufficient concentrations, dusts can form explosive mixtures with air.

Extinguishing Agents: Use water spray, dry chemical, carbon dioxide, or foam extinguishing agents.

Fire & Explosion Hazards: As in any fire prevent human exposure to fire, smoke, fumes or products of combustion. Firefighters should wear recommended exposure control equipment including a self-contained breathing apparatus. Cool containers with water that are exposed to flames. Avoid placing a solid stream of water on spilled material. Bond and ground containers when transferring to prevent static build up.

Hazardous Combustion Products: Thermal decomposition produces oxides of sulfur and carbon.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Protective Equipment: Appropriate protective equipment must be worn when handling a spill of **NAXOLATE® AS-LN90**. See Section 8 - Exposure Control, for recommendations.

Spill or Leak Information: Sweep or scoop material into containers for reuse or disposal. Avoid breathing and generating dusts. Flush spill area with plenty of water. Collect water for proper disposal.

SECTION 7 - HANDLING AND STORAGE

Handling Conditions: Emptied container may retain product residues. Follow all warnings and precautions even after container is emptied. Ground and bond container when transferring this material to prevent static buildup.

Storage Conditions: Keep container tightly closed when not in use.

SECTION 8 - EXPOSURE CONTROL

Exposure Limits: No exposure limits have been established for **NAXOLATE® AS-LN90**. The OSHA PEL for Particulates not otherwise regulated (15 mg/m^3 , Total Dust; 5 mg/m^3 , respirable fraction) should be followed.

Eye Protection: Use chemical safety goggles.

Skin Protection: Skin contact with this material should be minimized through the use of suitable impervious gloves. Natural rubber or neoprene gloves are recommended.

Respiratory Protection: Not required under normal handling conditions. If dusts can be generated, wear the appropriate NIOSH approved air-purifying particulate respirator for the dust concentrations at the point of use.

Ventilation: Good local exhaust ventilation should be provided.

MATERIAL SAFETY DATA SHEET

Page 3 of 4

MSDS No.: 1-16108

SECTION 8 - EXPOSURE CONTROL (CONT.)

Other Protective Equipment: Safety showers and eye wash stations where material is being handled. Wash hands and face before eating, using tobacco products or using the washroom. Smoke or eat only in designated areas. Take a warm shower and change clothing daily. Clothing and shoes used while handling this material should not be worn or taken away from the workplace.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-white needles, solid

Odor: Mild, fatty odor.

Melting Point: No data available

Boiling Point: No data available

Evaporation Rate (butyl acetate=1): No data available

pH: 7 - 9.5 (1% solution)

Vapor Pressure (mm Hg): Low

Vapor Density (Air=1): No data available

Specific Gravity/Density: No data available

Solubility in Water: Soluble in water

Flash Point: Not applicable

Auto Ignition: No data available

SECTION 10 - STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and handling.

Incompatibility: Strong oxidizers.

Polymerization: Not expected to occur.

Decomposition: When heated to decomposition, may emit highly toxic oxides of sulfur and carbon.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Data: The information shown in Section 3 - Hazard Identification, is based on toxicity profiles of similar materials or on the components present in this material.

Sensitization: Dodecyl alcohol may cause an allergic response after repeated contact with skin.

Carcinogenicity/Mutagenicity: Sodium lauryl sulfate is not considered to be a human or animal carcinogen.

Teratogenicity/Reproductive Toxicity: Sodium lauryl sulfate is not known to cause teratogenicity or reproductive toxicity.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicological Data:

Acute Toxicity:	<i>Daphnia magna</i>	Average species LC ₅₀ : 12,554 µg/l
	Fathead minnow	Average species LC ₅₀ : 7,717 µg/l

MATERIAL SAFETY DATA SHEET

Page 4 of 4

MSDS No.: 1-16108

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal: This product if discarded as supplied, is considered non-hazardous as defined by RCRA. Dispose of in accordance with local, state and federal regulations.

SECTION 14 - TRANSPORT CONSIDERATIONS

Shipping Description: DOT Non-Regulated

Hazard Class: NA

ID No.: NA

PG: NA

Labels: None

SECTION 15 - REGULATORY CONSIDERATIONS

OSHA Regulatory Status: This product is a hazardous chemical under 29 CFR 1910.1200.

SARA Title III

Section 311/312: This product is categorized as an immediate health hazard according to EPA under Section 311/312 of SARA.

Section 313: This product contains the following chemicals subject to 313 reporting:
None above De Minimis limit

CERCLA Not applicable

Pennsylvania Right-to-Know: Not applicable

California Proposition 65: Not applicable

Chemical Control Law Status:

All components of this product are listed or are excluded from listing on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

WHMIS Ingredient Disclosure List:

Sodium Lauryl Sulfate	151-53-8
Dodecyl alcohol	112-53-8

HMIS Health Rating: 2

HMIS Fire Rating: 1

HMIS Physical Hazards Rating: 0

HMIS Other: NA

SECTION 16 - OTHER CONSIDERATIONS

Prepared by Regulatory Staff Phone No.: (814) 238-2424

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Issue Date: 7/13/05

Emergency Phone No.: CHEMTREC 800-424-9300

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