



MATERIAL SAFETY DATA SHEET

Nease Corporation
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Emergency: CHEMTREC 800-424-9300

SECTION 1 - PRODUCT INFORMATION

PRODUCT NAME: NAXOLATE® AS-L30

CHEMICAL NAME: Sodium lauryl sulfate

CAS NUMBER: 151-21-3

PRODUCT CODE: 3312

MSDS NO.: 1-16111

ISSUE DATE: 11/02/05

SUPERSEDES: 08/06/99

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS REGISTRY NO.</u>	<u>PERCENT</u>	<u>EXPOSURE LIMITS</u>
Sodium lauryl sulfate	151-21-3	25 - 35	None established
Water	7732-18-5	65 - 75	None established
Formaldehyde	50-00-0	< 0.1	0.3 ppm - ceiling

SECTION 3 - HAZARD IDENTIFICATION

Appearance & Odor: Light colored liquid to paste. Mild, Fatty odor.

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

Health Hazard Warnings: CAUTION! Can cause eye, and respiratory tract irritation. Skin contact may cause slight to moderate irritation.

Inhalation: May cause upper respiratory tract irritation.

Skin Contact: May cause slight to moderate irritation.

Eye Contact: Contact with eyes can cause moderate irritation.

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

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.

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SECTION 4 - FIRST AID MEASURES (CONT.)

Ingestion: Give the patient 1-2 glasses of water (8-16 oz.) and 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: > 212 °F

Auto Ignition: No data available

Explosive Limits; UEL/LEL: No data available

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. Isolate the fire area and keep out of low areas.

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-L30**. See Section 8 - Exposure Control, for recommendations.

Spill or Leak Information: Absorb liquid with an inert material (vermiculite, soil, etc.). Sweep or scoop material into containers for disposal. Flush spill area with plenty of water to a chemical sewer. 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. Prevent eye contact and inhalation of dried particles.

Storage Conditions: Store covered in a dry, well ventilated area. Store material below 120°F.

SECTION 8 - EXPOSURE CONTROL

Eye Protection: Use safety goggles.

Skin Protection: Skin contact with this material should be minimized through the use of suitable impervious clothing, gloves, and footwear. Butyl or neoprene gloves are recommended.

Respiratory Protection: Not required under normal handling conditions. If conditions warrant respirator use, wear a NIOSH/MSHA approved full-facepiece respirator with a formaldehyde cartridge.

Ventilation: Good local exhaust ventilation should be provided.

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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: Light colored liquid to paste

Odor: Mild, fatty odor

Melting Point: No data available

Boiling Point: Approximately 212°F (water)

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

pH: 7.4 - 8.6 (10% solution)

Vapor Pressure (mm Hg): No data available

Vapor Density (Air=1): No data available

Specific Gravity/Density: 1.06

Solubility in Water: Soluble

SECTION 10 -STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and handling.

Incompatibility: Strong oxidizers.

Polymerization: Not expected to occur.

Decomposition: Thermal decomposition produces 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.

Sodium Lauryl Sulfate

LD₅₀(Oral-Rat): 1,288 mg/Kg

Sensitization: Formaldehyde may cause allergenic response after repeated contact with skin.

Carcinogenicity/Mutagenicity: This product contains trace levels of Formaldehyde (CAS No. 50-00-0) which is identified by IARC as a possible human carcinogen, Group 2A. 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: The ecological toxicity of this product is not known. This material should be considered toxic to fish.

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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: Formaldehyde 50-00-0

Pennsylvania Right-to-Know: Formaldehyde 50-00-0 Environmental/Special

California Proposition 65: This product contains a trace chemical known to the State of California to cause cancer.

Formaldehyde 50-00-0 Cancer

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: Formaldehyde 50-00-0

HMIS Health Rating: 2 **HMIS Fire Rating:** 0

HMIS Reactivity Rating: 0 **HMIS Other:** NA

SECTION 16 - OTHER CONSIDERATIONS

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

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Emergency Phone No.: CHEMTREC 800-424-9300

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