



MATERIAL SAFETY DATA SHEET

Nease Corporation
10740 Paddys Run Road
Harrison, OH 45030
(513) 738-1255

Product Inquiries: (888) 762-7373

Emergency: CHEMTREC 800-424-9300

SECTION 1 - PRODUCT INFORMATION

PRODUCT NAME: NAXOLATE® AS-LC30
CHEMICAL NAME: Sodium Lauryl Sulfate
CAS NUMBER: 151-21-3
PRODUCT CODE: 3324
MSDS NO.: 1-16100

ISSUE DATE: 07/13/05
SUPERSEDES: 08/14/98

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS REGISTRY NO.</u>	<u>PERCENT</u>	<u>EXPOSURE LIMIT</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: Water-white, viscous liquid. Mild, fatty odor.

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

Health Hazard Warnings: CAUTION! May cause slight to moderate eye and skin irritation. Prolonged or repeated overexposure to vapors or mists may cause upper respiratory irritation.

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

Skin Contact: Skin contact may cause slight to moderate local irritation.

Eye Contact: Contact with eyes can cause moderate irritation.

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

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.: 1-16100

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 doctor 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: > 200 °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. Do not apply a direct water stream on material.

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.

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

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Protective Equipment: Appropriate protective equipment must be worn when handling a spill of **NAXOLATE® AS-LC30**. See Section 8, Exposure Control, for recommendations.

Spill or Leak Information: Absorb with inert material (i.e. sand, vermiculite, 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.

Storage Conditions: Keep container tightly closed when not in use. Store material below 120 °F and keep from freezing.

SECTION 8 - EXPOSURE CONTROL

Eye Protection: Use chemical safety goggles and face shield.

Skin Protection: Skin contact with liquid 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 mists can be generated, wear the appropriate NIOSH approved air-purifying particulate respirator for the mist concentrations at the point of use.

MATERIAL SAFETY DATA SHEET

Page 3 of 4

MSDS No.: 1-16100

SECTION 8 - EXPOSURE CONTROL (CONT.)

Ventilation: Good local exhaust ventilation should be provided.

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: Water-white, viscous liquid

Odor: Mild, fatty odor.

Melting Point: No data available

Boiling Point: Approximately 212 °F (water)

Evaporation Rate (butyl acetate=1): < 1

pH: No data available

Vapor Pressure (mm Hg): Low

Vapor Density (Air=1): No data available

Specific Gravity/Density: 1.0 - 1.1

Solubility in Water: Soluble in water

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: Sodium lauryl sulfate is not known to be sensitizer. However, this product contains trace levels of Formaldehyde which 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. However, this product contains trace levels of Formaldehyde (CAS No. 50-00-0) which is identified by IARC as a probable human carcinogen, Group 2A.

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.

MATERIAL SAFETY DATA SHEET

Page 4 of 4

MSDS No.: 1-16100

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:

Sodium Lauryl Sulfate 151-21-3

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

MSDS No.: 1-16100
Issue Date: 07/13/05

Emergency Phone No.: CHEMTREC 800-424-9300

This information is furnished free of charge and is based on technical data that Nease Corporation believes to be reliable. It is intended for use by trained persons having technical skill and at their own discretion and risk. Since conditions of use are outside our control, we make no warranties, expressed or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.