



# MATERIAL SAFETY DATA SHEET

Nease Corporation  
10740 Paddy's 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-LG95

ISSUE DATE: 11/02/05

CHEMICAL NAME: Sodium Lauryl Sulfate

SUPERSEDES: 11/30/04

CAS NUMBER: 151-21-3

PRODUCT CODE: 3323

MSDS NO.: 1-16101

## SECTION 2 - HAZARD IDENTIFICATION

**Appearance & Odor:** Off-white granules, solid. 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 dusts can cause upper respiratory tract 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	> 94
Dodecyl alcohol	112-53-8	< 2
Water	7732-18-5	< 5

## 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.: 1-16101

## 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. 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. Avoid placing a solid stream of water on spilled material.

**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-LG95**. 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 build up.

**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-LG95**. The OSHA PEL for Particulates not otherwise regulated (15 mg/m<sup>3</sup>, Total Dust; 5 mg/m<sup>3</sup>, respirable fraction) should be followed.

**Eye Protection:** Use chemical safety goggles.

**Skin Protection:** Skin contact with 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.

# MATERIAL SAFETY DATA SHEET

Page 3 of 4

MSDS No.: 1-16101

## 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:** Off-white granules, solid

**Odor:** Mild, fatty odor.

**Melting Point:** No data available

**Boiling Point:** No data available

**Evaporation Rate (butyl acetate=1):** Not applicable

**pH:** 6 - 9 (1% solution)

**Vapor Pressure (mm Hg):** Low

**Vapor Density (Air=1):** No data available

**Specific Gravity/Density:** 700 g/l

**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:

*Daphnia magna*

Average species LC<sub>50</sub>: 12,554 µg/l

Fathead minnow

Average species LC<sub>50</sub>: 7,717 µg/l

# MATERIAL SAFETY DATA SHEET

Page 4 of 4

MSDS No.: 1-16101

## 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 material 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	151-21-3
Dodecyl alcohol	112-53-8

**HMIS Health Rating:** 2

**HMIS Fire Rating:** 1

**HMIS Physical Hazard Rating:** 0

**HMIS Other:** NA

## SECTION 16 - OTHER CONSIDERATIONS

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

MSDS No.: 1-16101  
Issue Date: 11/02/05

**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.