


Material Safety Data Sheet		
Sodium Lauryl Ether Sulfate		
Version:3.0	Revision date: Aug. 11, 2021	
File No.: YS-SDS-003-3	Page: 1 / 5	

1. Chemical Product and Company Identification

INCI name: Sodium Lauryl Ether Sulfate

CAS No.: 68585-34-2

Chemical structure: $\text{CH}_3(\text{CH}_2)_{11}(\text{OCH}_2\text{CH}_2)\text{NOSO}_3\text{Na}$

Trade name: Yeser[®] SLES 70%

Product application: Commonly used as the primary surfactant and cleaning agent in detergents, personal care products, and cosmetics.

Supplier name: GUANGZHOU YESER CHEMICALS CO., LTD

Supplier address: Room 903-05, Building E, Longxi Center, No.18 Qide Road, Guangzhou City, China

Website: yeserchem.com **E-mail:** info@yeserchem.com

Contact number: +86-20- 86213761 400-0768-668

Emergency contact number: +86-20- 86213761

2. Hazards Identification

This product is not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

Ingestion:

A large amount of ingestion causes nausea and vomiting.

May cause some irritation to the mouth and upper digestive tract.


May cause significant skin irritation especially if exposure is prolonged and/or repeated.

Contact with eyes can cause severe irritation. If not washed out promptly, will injure the tissue, and permanent damage may result.

3. Composition/Information on Ingredients

Component	CAS NO.	Percentage, %
Sodium Lauryl Ether Sulfate	9004-82-4	70
Water	7732-18-5	28 max.
Sodium sulfate	7757-82-6	1.0 max.
Chloride as NaCl	7647-14-5	1.0 max.
Lauryl alcohol Ethoxylated	68439-50-9	3.5 max.

4. First aid Measures

Material Safety Data Sheet		
Sodium Lauryl Ether Sulfate		
Version:3.0	Revision date: Aug. 11, 2021	
File No.: YS-SDS-003-3	Page: 2 / 5	

Eye: Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.

Skin: For skin contact flush with large amount of water. If irritation persists, get medical attention Immediately. Take off all contaminated clothing and wash contaminated clothing before reuse.

Inhalation: If symptoms are experienced, remove source of contamination or move victim to fresh air. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen.

Ingestion: If the material is swallowed, get immediate medical attention.

***In all of the above cases, get a doctor to check the affected person.**

5. Fire-fighting Measures

Flammability of the Product: Non-Flammable.

Auto-Ignition Temperature: Not Applicable.

Flash Point: Not Applicable.

Means of extinction: Use water spray, Carbon Dioxide, Dry Chemical, or Alcohol Foam. Use water to keep fire-exposed container cool.

Personnel: Fire fighters should wear full protective clothing, including self-contained breathing equipment

6. Accidental Release Measures

Worker protective measures, protective equipment and emergency procedures:

It is recommended that emergency personnel wear rubber gloves and protective glasses for operation, and a small amount of leakage should be washed directly with water.

Environmental protection measures:

A large number of leaks need to be recycled as much as possible to avoid large amount of leakage into the sewer and prevent pollution.


Storage, removal methods and disposal materials of leaked chemicals:

Large spills: Recycle as much as possible into plastic containers and rinse with water.

7. Handling and storage

Handling Containers: Protect containers against physical damage / direct sunlight / water/Direct Fire.

Storage Conditions of Containers: Use leak-proof Drums. Store in dry locations, at ambient temperature away from direct sunlight. If stored in storage tank, tank should be either SS316 or SS316L with higher Nickel content. Storage Temp. should not be more than 50 Deg C. At high temperatures (above 50 degrees Celsius) or in acid (pH5) environment, alkyl ether sulfate decomposition, the reason is because of the alkyl ether sulfate hydrolysis occurred. Since the alkyl

Material Safety Data Sheet		
Sodium Lauryl Ether Sulfate		
Version:3.0	Revision date: Aug. 11, 2021	
File No.: YS-SDS-003-3	Page: 3 / 5	

ether sulfate is easy to hydrolysis under high temperature, this product should be avoided storage above 50 degrees Celsius in the environment.

8. Exposure controls/personal protection

Respiration: Air respirator

Eyes: Goggles

Feet: Safety Shoes/Gum Boots.

Body: Aprons.

Skin: Rubber Gloves

Hygiene precautions: Remove contaminated clothing and wash hands.

9. Physical and chemical properties

Appearance (25°C)	White or light yellow viscous paste
Odor	Characteristic odor
Density, g/ml (25°C)	1.05
Cloud point, °C (1% water solution)	-2
Flash Point, °C(1% water solution)	Not applicable
Freeze Point, °C	5 - 10
Active matter content, %	70±2
Unulfated matter content, %	3.5 max
Sodium sulfate content, %	1.5 max
Color, (Klett, 5%Am.aq.sol.)	30 max
pH-value, (2% sol)	6.5~9.5
Dioxane content(ppm), %	30 max

10. Stability and reactivity


Chemical Stability: Product is stable under the prescribed storage conditions.

Incompatibility with other Substances: Strong Mineral Acids & strong Oxidizers.

Reactivity and under what conditions: Exposure to strong heat or mineral acids may lead to chemical decomposition & acidic by-products.

Hazardous Decomposition: Oxides of Sulfur.

11. Toxicological information

Material Safety Data Sheet		
Sodium Lauryl Ether Sulfate		
Version:3.0	Revision date: Aug. 11, 2021	
File No.: YS-SDS-003-3	Page: 4 / 5	

Toxicity: Non toxic

Skin contact: Slight

Inhalation acute: None

Skin absorption: None

Inhalation Chronic: None

Eye contact: Slight. Concentrated solutions can cause severe corrosive injury unless washed out immediately.

Ingestion: N/A

Effect of Acute and Chronic Exposure to Material: Mist can be irritating to nose, throat & upper respiratory tract. Symptoms include cough, dry throat, and difficulty in breathing, nasal congestion & headaches.

Irritancy of material: Slight

Carcinogenicity, Reproductive Effects, Terratogenicity, Mutagen city: None reported

12. Ecological information

The product should not get into water without treatment.

Dissolved in water, the material is easily biodegradable (90 %) and will not cause any disturbance in waste water treatment plants.

13. Disposal considerations

Leak-and-spill procedures: Being a liquid, it can be collected, cleaned up and stored in closed containers.

Disposal: This material is not hazardous material can be washed off with water jet, ensuring contaminated water does not enter sewerages.

14. Transport information

UN Dangerous Goods Code: Not applicable

UN transport name: Not applicable

UN Classification of Hazards: Not applicable


Marine pollutants (Yes/No): No

Packing method: In net weight 170KG/ 220kg plastic drum or 1000kg IBC drum.

Transportation precautions: This product is suitable for railway, highway and waterway transportation. It should be protected from exposure and rain during transportation. And follow the rules for safe transportation.

15. Regulatory Information

The following laws, regulations, rules and standards have made corresponding provisions on the management of the chemical:

Material Safety Data Sheet		
Sodium Lauryl Ether Sulfate		
Version:3.0	Revision date: Aug. 11, 2021	
File No.: YS-SDS-003-3	Page: 5 / 5	

Workplace Safety Chemicals Regulations

Convention on the Safe Use of Chemicals in the Workplace

16. Other Information

Writing and revising information

Date originally compiled: August 12, 2013

Date of last revision: August 11, 2021

Re-compiled according to the latest national standard GBT 5173-1995, the version has been upgraded from 1.0 to 3.0, and the product information has been updated.

IMPORTANT: while the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data or designs provided be considered a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by our company hereunder are given gratis and we assume no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.

END OF DATA SHEET