


Material Safety Data Sheet		
Ammonium Lauryl Ether Sulfate		
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1. Chemical Product and Company Identification

INCI name: Ammonium Lauryl Ether Sulfate

CAS No.: 2235-54-3

Chemical structure: $\text{CH}_3(\text{CH}_2)_n(\text{OCH}_2\text{CH}_2)_p\text{OSO}_3\text{NH}_4$

Trade name: Yeser® AESA 70%

Product application: Widely used in high-grade shampoo, gel and weak acid shampoo and bubble bath etc.

Supplier name: GUANGZHOU YESER CHEMICALS CO., LTD

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

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Emergency contact number: +86-20- 86213761

2. Hazards Identification

May cause some irritation to the human mouth and upper respiratory tract.

May cause significant irritation to human skin if prolonged or excessive exposure.

May cause significant irritation to human eyes.

3. Composition/Information on Ingredients

Component	CAS NO.	Percentage %
Ammonium Lauryl Ether Sulfate	2235-54-3	70.0±2.0
Water	7732-18-5	30.0±2.0

4. First aid Measures

Rinse mouth with water, do not induce vomiting, and follow medical advice.

Rinse skin with soapy water and seek medical attention if skin is injured.

Open eyes and immediately flush eyes with plenty of water for at least 10 minutes and seek medical attention if eyes are injured.


5. Fire-fighting Measures

Smoke containing carbon dioxide, carbon monoxide and sulfur dioxide may form in a fire.

Use powder, foam, sand and water spray to extinguish fires. Avoid using large amounts of water.

In case of a fire, you should wear a breathing apparatus.

6. Accidental Release Measures

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Collect the spill in a container.

Use sand or diatomaceous earth to absorb the spill.

Report to the local authorities if the spill fails to be treated.

The spill may cause the floor to be slippery. Use impervious gloves and protective eyewear when cleaning up spills.

Do not flush spills down the drain.

Plastic bins may be used for waste materials.

Be careful not to mix with other waste materials. Observe local regulations and follow the instructions of local environmental authorities when handling waste.

7. Handling and storage

Can be placed in sealed plastic drums. The suitable temperature is 20~40°C. The product cannot be stored close to strong oxidizing agents to avoid aggravating the fire in case of fire.

8. Exposure controls/personal protection

Prevent contact of eyes, skin, clothing, etc. with the product.

Contact between personnel and products during work is to be reduced to a minimum.

The following personal protective equipment is necessary.

Protection of the skin: Work clothes and work shoes.

Hand protection: impermeable work gloves.

Eye protection: goggles.

Respiratory protection: No special requirements. All personal protective equipment must be of a specific standard. Staff must be familiar with the use of PPE.

9. Physical and chemical properties

Appearance: white or light yellow paste

Odor: Characteristic, no abnormal odor

Freezing point (°C): ca. 10

Boiling point (°C): > 100

Relative specific gravity (20°C): ca. 1.06

Water solubility (20°C): 350g/l

Solubility in ethanol (20°C): Soluble


pH (20°C) (20g/l): ca. 6.5

Flash point (°C): N/A

10. Stability and reactivity

If pH exothermic reaction will lead to release of sulfuric acid.

Can react chemically with strong oxidizing agents.

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If >40°C, product starts to hydrolyze.

11. Toxicological information

LD50 (oral) > 2000 mg/kg May cause some irritation to the human oral cavity and upper respiratory tract.

May cause significant irritation to human skin if exposure is prolonged or excessive.

May cause significant irritation to human eyes.

12. Ecological information

Do not discharge into surface water.

13. Disposal considerations

Avoid contact with eyes and skin when disposing of waste or residual materials.

Wear impervious gloves/overalls and safety goggles.

Do not wash down the drain. Do not mix with other wastes.

Dispose of in accordance with all applicable local and national regulations.

Consult local authorities.

14. Transport information

No classified information.

15. Regulatory Information

Operate in compliance with all applicable regulations for disposal.

All waste must be handled in accordance with local waste disposal regulations.

16. Other Information

Further information

Date originally written: August 9, 2015

Date of last revision: May 1, 2021

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