


Material Safety Data Sheet		
Disodium Lauryl Sulfosuccinate		
Version:2.0	Revision date: May 1, 2021	
File No.: YS-SDS-023-2	Page: 1 / 5	

1. Chemical Product and Company Identification

INCI Name: Disodium Lauryl Sulfosuccinate

CAS No.: 19040-44-9

Chemical structure: $C_{12}H_{25}OOCCH_2CH(SO_3Na)COONa$

Trade name: Yeser® MS50

Product application: Widely used in the preparation of foam facial cleanser, foam shaving cream, hand washing cream (liquid), crisp clean non-slip foam shower gel and pearlescent shampoo.

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

Physical chemistry hazard: The product is white paste form, it may cause slight irritation to skin and eye when long-term contact, a mass of oral ingestion may cause harm to health.

Possible Health Effects

Inhalation: Involatile liquid, no harm.

Oral ingestion: Mass oral ingestion may cause nausea and vomit.

Chronic effect

Eye: May cause slight eye irritation after long-term contact.

Skin: May cause slight irritation after long-term contact.

Inhalation: Not suitable.


Oral ingestion: May cause vomit and nausea if ingest mass.

Environmental hazard: No toxicity on algae experiment.

3. Composition/Information on Ingredients

Component	CAS NO.	Percentage, %
Water	7732-18-5	50.0±2.0
Disodium Lauryl Sulfosuccinate	19040-44-9	50.0±2.0

4. First aid Measures

Material Safety Data Sheet		
Disodium Lauryl Sulfosuccinate		
Version:2.0	Revision date: May 1, 2021	
File No.: YS-SDS-023-2	Page: 2 / 5	

Inhalation: Not suitable.

Skin contact: Wash with plenty of water immediately, seek medical attention.

Eye contact: Rinse with flowing water or normal saline immediately seek medical attention.

Ingestion: Rinse the mouth, promote emesis, seek medical attention.

5. Fire-fighting Measures

Not suitable.

6. Accidental Release Measures

Personal protection: Avoid eyes/face contact by wearing rubber gloves and safety goggles

Slight release can be cleaned by water.

Environmental protection: Recycle when release mass and do not discharge to drain

Avoid to pollute the environment.

Spill and Leak Procedure: Collected by common plastic container. Clean up residual material by water. Collect washings for disposal.

7. Handling and storage

Handling: Comply with the good manufacturer procedures, Avoid direct or prolonged contact with eyes. Do not ingest, wash hand after handling.

Storage Condition: Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls/personal protection

Occupational exposure limit: Not suitable.

Biological limit: Not suitable.

Engineering Control: Meaningless.

Personal Protective Equipment for Routine Handling Respiratory protection

Eye protection: Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles.


Hand protection: Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.

Skin protection: Washing with water after work.

Remarks: The above information based on normal operation. Pay special attention if handle at temperature or special condition.

9. Physical and chemical properties

Appearance	White delicate paste
Odor	Slight characteristic odor

Material Safety Data Sheet		
Disodium Lauryl Sulfosuccinate		
Version:2.0	Revision date: May 1, 2021	
File No.: YS-SDS-023-2	Page: 3 / 5	

pH value(10% water solution,25°C)	5.0~7.0
Solid content (%)	50.0±2.0
Sodium Sulfite(%)	≤0.2
Melting point / freezing point	No data available
Boiling point / boiling range	No data available
Flash point	No data available
Flammability (solid, gas)	No data available
Auto-ignition temperature	No data available
Solubility	Soluble in water or hydrophilic solvent
N-octanol / water partition coefficient	No data available
Vapor Pressure	No data available
Evaporation rate	No data available
Relative vapor density	No data available
Relative density	No data available
Viscosity	No data available
Explosive	No data available
Thermal decomposition	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available

10. Stability and reactivity

Stability: Stable under regular environment temperature and condition.

Hazardous reactions: No data available.

11. Toxicological information

Acute toxicity:

Oral: No data available.

Inhalation: No data available.

Transdermal: No data available.

Skin irritation or corrosion: No data available.


Eye irritation or corrosion: No data available.

Respiratory or skin sensitization: No data available.

Mutant mutagenicity: No data available.

Carcinogenicity: No data available.

Reproductive toxicity: No data available.

Material Safety Data Sheet		
Disodium Lauryl Sulfosuccinate		
Version:2.0	Revision date: May 1, 2021	
File No.: YS-SDS-023-2	Page: 4 / 5	

Specific target organ system toxicity-single exposure: No data available.

Specific target organ system toxicity-repeated exposure: No data available.

Aspiration hazard: No data available.

12. Ecological information

Eco toxicity: No data available.

Biodegradability: Easily biodegradable.

Potential bioaccumulation: No data available.

Mobility in earth: No data available.

13. Disposal considerations

Waste chemicals: Recycle and reuse as much as possible, or the third party recycle which is Professional.

Contaminated packaging: Cannot reuse the packaging without handling, if need, the packaging should be washed and no residue.

Disposal precaution: Dispose of in accordance with nation and local regulation.

14. Transport information

UN Dangerous Goods Code: No data available.

UN transport name: No data available.

UN Classification of Hazards: No data available.

Packing method: 50kg(n.w.).

Packing category: Plastic drum.

Marine pollutants (Yes/No): No

Transport considerations:

The transport vehicle should be equipped with the corresponding variety and quantity of firefighting equipment and leakage emergency treatment equipment.

It is strictly forbidden to mix and transport with oxidants and general chemicals.

The use of machinery and tools that are prone to sparks is prohibited.

During transportation, it should be protected from direct sunlight, rain and high temperature.

When staying halfway, stay away from the seeds, heat sources, and high temperature areas.


15. Regulatory Information

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

Workplace Safety Chemicals Regulations

Convention on the Safe Use of Chemicals in the Workplace

16. Other Information

Material Safety Data Sheet		
Disodium Lauryl Sulfosuccinate		
Version:2.0	Revision date: May 1, 2021	
File No.: YS-SDS-023-2	Page: 5 / 5	

Writing and revising information

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END OF DATA SHEET