

Material Safety Data Sheet

MSDS#S00016

Product: SLES/70 & SLES/28

1、 Chemical Product and Company Identification

Product	Anionic Surfactant
Chemical Name	Sodium Lauryl Ether Sulfate
Company	Xiamen Ruilien Import & Export Co., LTD
Identification	
Address	Unit No.1004,No.840 XianYue Road,HuLi District, Xiamen,China, Fujian Province, P.R.China 361000

2、 Composition, Information on Ingredients

Chemical Structure	$R(CH_2CH_2O)_nOSO_3Na$, $R=C_{13-15}$, $n=2-3$
Active Ingredient	70% or 28%
CAS No.	9004-82-4

3、 Hazards Identification

Skin Contact	No specific first aid measures are required because material is not expected to be harmful to skin. As a precaution, remove clothing and shoes if contaminated. Wash skin with soap and water. Wash or clean clothing and shoes before reuse. Dispose or incinerate at landfill if permitted.
Ingestion	It will not be expected to be harmful if swallowed. As a precaution, give the person a glass of water or milk to drink and get medical advice. In case of inhalation, move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if breathing difficulties continued.
Eye Contact	Flush eyes with water immediately while holding the eyelids open. Remove contact lenses, if worn, after initial flushing, and continue flushing for at least for 15 minutes. Get medical attention if irritation persist.

4、 First Aid Measures

Eye	If accidental eye contact occurs, wash thoroughly with water and get medical care.
Skin	Wash exposed skin thoroughly with soap and water.

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5、 Fire Fighting Measures

Suitable Extinguishing Media	Use dry chemical, sandy soil, chemical foam or carbon dioxide.
Exposure Hazards During Fire	None
Special Protective Equipment	Protective clothing and self-contained breathing equipment should be available for firefighters.

6、 Accidental Release Measures

Mix with inert material (eg. dry sand, vermiculite) and transfer to sealed container for disposal.

7、 Handling And Storage

Handling	Avoid prolonged or repeated contact with skin. Do not breathe vapour.
Storage	Store in a cool, well-ventilated area. Keep away from heat and flame. Store in a tightly closed container. Incompatibilities: oxidants, acidic materials and food. Storage temperature: $\leq 50^{\circ}\text{C}$. Storage duration: 24 Months.

8、 Exposure Controls, Personal Protection

Exposure Controls	The substance presents no explosive hazard.
Ventilation	Local exhaust is required.
Protection Clothing	No protective clothing is normally required.
Eye Protection	Chemical Worker's goggles are required if engineering controls or work practices are not adequate to prevent eye contact.

9、 Physical and Chemical Properties

Appearance	White or light yellow viscous paste (SLES/70) White or light yellow viscous liquid (SLES/28)
Odor	Mild

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PH	7.5-9.5
Boiling Point	$\geq 100^{\circ}\text{C}$
Flash Point	$\geq 100^{\circ}\text{C}$
Vapour pressure	Data not available
Solubility	Hardly soluble in water, practically soluble in acetone, practically soluble in ethanol.

10、 Stability and Reactivity

Stability	In the closed-up flash point test, $fp > 80^{\circ}\text{C}$, so the substance does not belong to flammable liquid. Unstable under the acidic conditions, so be away from acidic materials
Reactivity	The substance does not react vigorously with reducing agent, so it does not belong to oxidizing substances.

11、 Toxicological Information

The substance does not belong to toxic substances.

Acute Oral Toxicity: Moderately toxic: $LD_{50} > 1700 - 5000 \text{ mg/kg}$, Rat

Skin Irritation : May cause moderate irritation to skin.

Eye Irritation : May cause moderate irritation to eye.

Sensitisation : Non-Skin allergy content.

12、 Ecological Information

No information available.

13、 Disposal Considerations

Disposal Method	Contact local environmental or health authorities for approved disposal of this material. In case of small amount, rinses with water.
Spill or Leak	In case of small amount, washes with water; In case of large amount, fences by non-flammable material and recovers.

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14、 Transport Information

Not dangerous for conveyance under UN, IMO, ADR/RID and IATA/ICAO code.

15、 Regulatory Information

No information available.

16、 Other Information

The above information is given in good faith, but no guarantee. It is intended to describe our products from point of view of safety requirements.
