

Material Safety Data Sheet

Product: SLES/70 & SLES/28

A 1、 Chemical Product and Company Identification

- Product Anionic Surfactant
- Chemical Name Sodium Lauryl Ether Sulfate
- Company Identification Dongming Jujin Chemical Industry Co., Ltd.
Zibo Industry Park, Developing District, Dongming County,
- Address Heze City, Shandong Province, P.R.China 274500

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. 68585-34-2

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.

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
- 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.

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.
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