

Name

Sodium lauryl ether sulfate(SLES)

Synonyms



CAS 68585-34-2;SODIUM LAURYL ETHER SULFATE;SLES;Lauryl ether sulfate, sodium salt;Poly(oxy-1,2-ethanediy), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts;(C10-C16)Alkyl ethoxylate sulfuric acid, sodium salt;SODIUMC12-16EO2.7ALKYLETHOXYLSULFATE;FATTYALCOHOL(C12 -C14)ETHERSULPHATE;Lauryl alcohol, ethoxylated & sulfated, sodium salt;Sodium alkyl-(C10-C16)-ether sulfate;sodium (C10-16)alkyl ether sulfate

Application

Product info

Purity	70%
Molecular Formula	C12H26Na2O5S
Molecular Weight	328.38
Physical State (20 deg.C)	Solid
CAS Number	68585-34-2
MDL Number	MFCD01742968
EC Number	209-553-4
Appearance	white or pale yellow gel-like cream
Solubility	Chloroform (Slightly), Methanol (Sparingly), Water (Slightly)
storage temp	Hygroscopic, Refrigerator, Under inert atmosphere

Safety & Regulations

Pictogram	 
Signal Word	Danger
Hazard Statements	<p>H315: Causes skin irritation</p> <p>H336: May cause drowsiness or dizziness</p> <p>H335: May cause respiratory irritation</p> <p>H318: Causes serious eye damage</p>
Precautionary Statements	<p>P302+P352: IF ON SKIN: wash with plenty of water.</p> <p>P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.</p> <p>P280: Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P310: Immediately call a POISON CENTER or doctor/physician.</p>

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1、Chemical Product and Company Identification

• Product	Anionic Surfactant
• Chemical Name	Sodium Lauryl Ether Sulfate(AES)
• Manufacturer's name	XINXIANG HUIMIAO SCIENCE AND TECHNOLOGY CO.LTD
• Address	YANJIN COUNTY INDUSTRY GATHERRING AREA JING14 ROAD EAST AND WEFT ROAD SOUTH
• Telephone Number	+86-373-7900752
• Fax Number	+86-373-7726680

2、Composition, Information on Ingredients

• Chemical Structure	$RO(CH_2CH_2O)_nSO_3Na$, R=C1z-1s or C ₁₂₋₁₄ , n=1~3
• Active Ingredient	70%SLES and 30%water
• 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
• Oral Injection	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.
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- Skin Wash exposed skin thoroughly with soap and water

5、 Fire Fighting Meaturet

- 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 and food
Storage temperature: $\leq 60^{\circ}\text{C}$
Storage duration: 2 years

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)
- Odor Mild
- Solubility Hardly soluble in water, practically soluble in acetone,

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practically soluble in ethanol

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10、Stability and Reactivity

- Stability In the closed-up flash point test, fp>80°C, so the substance does not belong to flammable liquid
- 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

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
 - CAS NO:9004-82-4
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