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Material Safety Data Sheet

Sodium Lauryl Ether Sulfate MSDS

Section 1: Chemical Product and Company Identification

Product Name: Sodium Lauryl Ether Sulfate

Catalog Codes:

CAS#: 68585-34-2

RTECS:

TSCA:

CI#: Not applicable.

Synonym:

Chemical Name: Sodium Lauryl Ether Sulfate

Chemical Formula: C₁₂H₂₆Na₂O₅S

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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS # %
Sodium Lauryl Ether Sulfate	68585-34-2

Toxicological Data on Ingredients: Not applicable.

Section 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.

Section 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.

Section 5: Fire and Explosion Data

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.

Section 6: Accidental Release Measures

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

Section 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.

Section 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.

Section 9: Physical and Chemical Properties

Appearance White or light yellow viscous paste (SLES/70)

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.

Section 10: Stability and Reactivity Data

Stability In the closed-up flash point test, $\text{fp} > 80^{\circ}\text{C}$, 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.

Section 11: Toxicological Information

The substance does not belong to toxic substances.

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

Skin Irritation : May cause moderate irritation to skin.

Eye Irritation : May cause moderate irritation to eye.

Sensitisation : Non-Skin allergy content.

Section 12: Ecological Information

No information available.

Section 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.

Section 14: Transport Information

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

Section 15: Other Regulatory Information

No information available.

Section 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.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we m be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.