

Technical Data Sheet of SLES 70%

Product Name: Sodium Lauryl Ether Sulphate

Product Code: ACSCSLES70

CAS No: 68585-34-2

Description: SLES 70% is an **Anionic Surfactant**. This product is APEO Free. It has excellent foaming power & Detergency properties. It can be used with other anionic, non-ionic & amphoteric surfactant. However, due to its anionic character, it should not be used cationic components like cationic surfactant, cationic dyes etc.

1. Physical Properties:

Appearance: Clear colourless pourable paste

Odour: Characteristics

Active Matter: 70±2%

PH (5% Aq. Soln.): 7-9.50

NDOM: Max 3.5%

Inorganic salt: Max 2.5%

Solubility: Soluble in water

2. Chemical Composition:

Active Ingredients: Proprietary blend of Personal care & Home care Products.

Hazardous Ingredients: None

3. Applications:

SLES 70% is used for wide range of applications such as:

- In shampoos, foam baths & shower gels as a basic surfactant & foaming agent.
- In liquid detergents & dishwashing formulations for detergency & foaming.
- It is used in bathing bars, body wash, liquid soap etc.
- It is used in the characterization of quaternary ammoniums.

- Being an anionic surfactant, it's a major ingredient in soaps, toothpastes, shampoos etc. Due to its cleansing & emulsifying characteristics.
- It is useful in carpet cleaning & cleansers.
- It is used in hair care products & against the deposition of hair follicles with products like dandruff treatment products, conditioners, hair sprays, & hair gels.
- It is also useful degreasers, automobile cleaners, floor cleaner & spot removers.
- It is applicable in makeup products like conclear, makeup removers, lip balms, cleansers, shaving cream, hand soaps etc.

4. Storage and Handling:

- Store in a cool, clean, dry area away from sunlight & heat. Store at 20°-40°C.
- Keep the drums tightly closed.
- Spills may be cleaned & flushing with sufficient amount of water.
- Avoid ingestion & direct inhalation & also avoid contact with eyes, skin & clothing. In case contact eyes & skin get medical attention.
- Use in a well-ventilated area and wear appropriate personal protective equipment (PPE) when handling.

5. Packaging:

SLES 70% is available in various container sizes, including HDPE carboys 225kg, 170 KG, Drums as 80kg & bulk containers.

6. Shelf Life:

The product typically has a shelf life of 12 months from the date of manufacture when stored as recommended.

7. Safety and Environmental Precautions:

SLES 70% is intended for industrial use only.

It's readily biodegradable & Dispose of the product and containers in accordance with local regulations.

Disclaimer: This technical data sheet is for informational purposes only and does not constitute a warranty or guarantee regarding the product's performance. Users should conduct their own tests to determine the suitability of SLES70 for their specific applications.