**Product Name**
- Sodium Lauryl Ether Sulfate 70%
- Origin: India & Egypt

**DESCRIPTION**
- Chemical Name: Sodium Lauryl Ether Sulfate
- INCI Name: Sodium Laureth Sulfate
- CAS Number: 68891-38-3
- EC Number: 500-234-8
- Chemical Formula: \( \text{R} \cdot \text{OCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{OSO}_3\text{Na} \)  
  \( (\text{R} = \text{C}_{12-14}) \)

**TECHNICAL SPECIFICATIONS**
- **Appearance / Nature**: Viscous flowable liquid
- **Colour**
  - a) description: Colourless to pale yellow
  - b) on APHA (20% aqueous solution), maximum: 25
- **Odour**: Characteristic
- **pH (1% aqueous solution)**: 6.5 - 8.5
- **Active Matter, % by mass (Mol.wt. 384), minimum**: 68
- **Sulfate as Na_2SO_4, % by mass, maximum**: 1.5
- **N.D.O.M., % by mass (on 100% A.M. basis), maximum**: 3.0
- **1,4-Dioxane (on 100% A.M. basis), ppm, maximum**: 30
- **Iron content as Fe, ppm, maximum**: 5
- **Heavy metals as Pb, ppm, maximum**: 15
- **Microbial count, TVC, cfu/ml**: < 10
**PROPERTIES**

*SLES 70%* is an anionic surfactant. It is water soluble. It has excellent foaming power and detergency property. It is also a very good emulsifier. It can be used with other anionic, non-ionic or amphoteric surfactants. However, due to its anionic character, it should not be used with cationic components like cationic surfactants, cationic dyes, etc.

**APPLICATIONS**

*SLES 70%* is used for a wide range of applications such as:
- In bathing bars, shampoos, foam baths, body wash, liquid soap and shower gels as a basic surfactant and foaming agent
- In liquid detergents and dish washing formulations for detergency and foaming
- In fire fighting foams

**PACKING**

*SLES 70%* is available in 220 litres HMHDPE carboys. Total of 80 carboys i.e. 17.6 MT can be shipped either palletized or non-palletized in 20 ft. full container load. It is available in 165 litres HMHDPE carboys. Total of 118 carboys i.e. 19.47 MT can be shipped non-palletized in 20 ft. full container load. It is available in 150 litres HMHDPE carboys. Total of 118 carboys i.e. 17.7 MT can be shipped non-palletized in 20 ft. full container load. It can be supplied in IBC of 1 MT capacity. 18 IBC i.e. 18 MT can be shipped in 20 ft. full container load. It can also be supplied in flexi bags and ISO tanks. In India, it can be supplied in SS tankers.

**HANDLING AND STORAGE**

Store the material in a clean, dry place at 15 - 35°C away from direct heat and sunlight. Keep containers tightly closed. In the original sealed condition, when stored as suggested, shelf life of the product is at least one year. Slight pH drop is possible over prolonged storage. In case
of drop in pH, it is fairly safe to use the material as long as the pH > 5.0. Once the carboy is opened, ensure airtight closure after usage and use the product within a week. When taken in ISO container / tanker / flexi bags, it is recommended to transfer the material from ISO containers / tankers / flexi bags to sanitized SS storage tank with hot water jacket and also recommended that material be consumed within one month’s time, after unloading in storage tank. Ensure proper housekeeping and personal hygiene. It is difficult to pump the material below 12°C. If the product becomes non-flowable due to cold condition, then it is recommended to heat the ISO containers / tankers / flexi bags with hot water of temperature 55 - 60°C for two hours. Do not apply direct steam. If the product becomes frozen in IBC / HMHDPE carboys, then keep the same in hot room at 40°C. Spill should be contained / collected and disposed off as per the regulations. Avoid ingestion and contact with eyes, skin and clothing. In case of contact with eyes and skin, seek adequate and timely medical attention. During storage, carboys (palletized / non-palletized) and IBC should not be stacked one above the other.

Product Name : **SLES 70%**
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TDS Updated by : BB / AD
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