

**iSURF SLES 70**

**INCI Name (US):** Sodium Laureth Sulfate

**INCI Name (EU):** Sodium Laureth Sulfate

**CAS #:** 68891-38-3

**General Information/  
Characteristics:**

It is a standard anionic surfactant. It is widely used as foam builder, wetting agent, surfactant, and dispersing agent in many applications. Owing to its outstanding detergency and cleansing quality. It is used for the manufacture of liquid dishwashing and technical cleaning agents as well as liquid light-duty detergents. Because of its good foam characteristic and the easy thickening with salt, the product is also suited as a basic surfactant for cosmetic cleansing preparations such as shampoos, shower gels and foam baths. It is a highly concentrated sodium lauryl ether sulphate derived from natural fatty alcohols. Due to its high content of washing active substance, It is particularly suited for highly concentrated end products, or if raw materials with a lower water content are required.

**Benefits / Application:**

Benefits:

- ♦ Outstanding detergency and cleansing quality
- ♦ Good foam characteristic
- ♦ Easy thickening with salt

Application:

- ♦ Shampoo
- ♦ Body wash
- ♦ Dish wash
- ♦ Liquid light-duty detergents

**Formulations Advices:**

When diluted with water, SLES shows gel structures which are typical of ether sulphates. After the addition of water, the viscosity first increases rather rapidly, and after a reduction of the active substance to a level below 30 %, it decreases considerably. Liquid, stable solutions are obtained up to 28 % of the active substance. At higher concentrations the products become pasty.

Dosage: 3-30%

**Regulatory Status:**

No applicable

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**Physic-Chemical Properties:**

Appearance	Jelly
Color	White or yellowish
Color (Hazen)	Max. 15
Active Matter	68 – 72%
Unsulfated matter	Max. 3.0%
Inorganic salt	Max. 2.0%
pH value	7.5 – 10.5

*\*These values indicate typical specification; they are not intended to be used as product specifications*

**Additives:**

Preservatives: No applicable

**Shelf Life / Storage Conditions**

24 months from manufacturing date.

Keep in cool, dry, ventilated and lightless place.

**Packaging:**

170 kg/ drum

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