

## TECHNICAL DATA SHEET

### SLES 70

#### General characterisation

<b>Chemical description</b>	Sodium Laureth-2 Sulfate, approx. 70 % active
<b>Chemical structure</b>	Alcohols, C12-14, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)
<b>INCI name</b>	Sodium Laureth Sulfate
<b>Chemical family</b>	Anionic surface active matter
<b>Cas No</b>	68891-38-3
<b>Einecs No</b>	500-234-8

#### Applications

Used for the manufacture of all household cleaners like liquid dishwashing, liquid laundry detergents and technical cleaning agent. 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.

#### Specification

Appearance,	White Paste
Active Matter, % (mw:384 g/mol)	70 ±2,0
Unulfated Alcohol, %	1.05 max
Sodium Chloride, %	0,1 max
Sodium Sulfate, %	1.05 max
Iron (Fe), ppm %	10 max
1-4 dioxane, ppm %	10 max
pH (3% Solution)	6.0 - 9.5

#### Storage and Transportation

##### Shelf life

12 months

##### Storage temperature

Between + 20 °C and + 40 °C.

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### Storage conditions

In original sealed containers and protected from moisture.

### Additional information

This product may become difficult to handle at temperatures below 20 °C, and lower temperatures may result in crystallization or solidification.

The product will be irreversibly damaged at temperatures above 50 °C. Under no circumstances may steam or an electric heating system be used to raise the temperature of the product. This will cause local surface overheating and irreversible damage to the product and storage tank.

To raise the temperature of the product a warm water or similar system is recommended set to 10 °C above the desired temperature, maximum 60 °C.

Products containing preservative or which have been preserved should be stored at the minimum possible temperature for handling to reduce depletion to a minimum.

Depending on the storage temperature, the pH may decrease with time.

If it is intended to store the product for an extended period at raised temperature the product should be monitored appropriately.

Product discoloration, change in consistency, and pH drop below 4 are all potential indications of product damage through improper heating.

### Contact Information

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