

Sodium Lauryl Sulfate

Specification Sheet

Description: Sodium lauryl sulfate (SLS) is a classic anionic surfactant that is considered milder than sodium laureth sulfate (SLES) but has very similar properties. Sulfates are stable in bases at a higher pH, with good foaming properties. Active substances 28-32%.

CAS: 7732-18-5, 68585-47-7

INCI Name: Water, Sodium Lauryl Sulfate

Composition: Water, Sodium Lauryl Sulfate, C12-16 Alcohols, Sodium Sulfate, Sodium Bicarbonate, Sodium Chloride, Sodium Citrate, Trisodium Phosphate, 5-Chloro-2-methyl-4-isothiazolin-3-one, 2-Methyl-4-isothiazolin-3-one

Appearance: Yellowish, clear liquid at room temperature, but can become whitish solid at lower temperatures, revert by warming. Faint odor.

Benefits:

- Excellent foam and viscosity enhancer.
- Good cleansing properties.
- Can be used together with other surfactants.
- Provides high foam, good lather, and excellent detergent properties.

Use: Can be added to formulas as is. Recommended use level 3 - 30% depending on desired foaming and cleansing effects. Can be used at higher concentrations for bubble baths. For external use only.

Applications: Body washes, shampoos, bubble baths, cleansing lotions, various personal care cleansing products.

Solubility: Not miscible or difficult to mix.

Preservation: 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-4-isothiazolin-3-one

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: USA

Raw material source: Coconut oil and chlorosulfuric acid

Manufacture: Sodium lauryl sulfate is produced by treating lauryl alcohol, which is derived from either coconut or other vegetable oils, with chlorosulfuric acid. The resulting product is then neutralized through the addition of sodium hydroxide or sodium carbonate.

Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components

HS Code: 3402319000