

## 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, Methylchloroisothiazolinone, Methylisothiazolinone

**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:** Methylchloroisothiazolinone and Methylisothiazolinone

**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



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**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