



Technical Data Sheet

Sodium Lauryl Ether Sulfate(SLES) 68585-34-2



Primary Surfactant

INCI name(s): Sodium Laureth Sulfate

Chemical description: Sodium Laureth Sulfate + 2 EO

Mol weight: 385 g/mol

Ingredient CASR-No. : 68891-38-3

H.S. Code : 3401.11

Product Description

SLES is used for the manufacture of liquid dish washing 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.

Specification:

Item	Quality Control Data	Specification	Test Method
1	Appearance	Flowable paste, transparent to yellowish	Visually
2	Anionic active matter%	68-72	ISO 2271:1989
3	Unsulphated matter % max	2	ISO 8799:2009
4	Chloride (as NaCl) % max	0.5	ISO 457:1983
5	Free sulphate (as Na ₂ SO ₄) max	1.5	ISO 6844:1983
6	PH value (5% in aqua)	7-9	ISO 4316:1977
7	Dioxan 1,4 (ppm) max	30	EN 12974
8	Color (5% in aqua) klette max	10	ISO 221:1972



Usage

- SLES is a kind of anionic surfactant with excellent performance. It has good cleaning, emulsifying, wetting, densifying and foaming performance, with good solvency, wide compatibility, strong resistance to hard water, high biodegradation, and low irritation to skin and eye.
- It is widely used in liquid detergent, such as dishware, shampoo, bubble bath and hand cleaner, etc. SLES can also be used in washing powder and detergent for heavy dirty. Using SLES to replace LAS, phosphate can be saved or reduced, and general dosage of active matter is reduced. In textile, printing and dyeing.

Packing and Storage

N.W.220kg/drum; G.W.230kg/drum; 80drums=20'fcl

SLES must be protected against frost. In the original unopened containers the product can be stored for at least one year protected from moisture at below +30° C. In the temperature range of approx. +10° C the flow ability decreases. Depending on the temperature, the pH value may decrease during storage.

However, the product quality is not negatively influenced above a pH value of 4.0. Due to the high concentration, the addition of a preservative is not necessary.

During extended storage periods or transportation, slight separations may occur which can be eliminated by stirring. The quality of the product is not impaired.

Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

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