

Sodium Lauryl Ether Sulfate (SLES)

Other Name: Sodium Fatty Alcohol Ether Sulfate(AES);
Sodium Polyoxyethylene Fatty Alcohol Sulfate

INCI Name: Sodium Laureth Sulfate

CAS No.: 68585-34-2 or 68891-38-3 (SLES 24-2 / 70%)
9004-82-4 (SLES 25-3 / 70%)

EINECS (EC) No.: 221-416-0

Molecular Formula: $\text{RO}(\text{CH}_2\text{CH}_2\text{O})_N\text{SO}_3\text{Na}$ R: C_{12-14} alkyl (Natural)
 C_{12-15} alkyl (Synthetical)
n: 2-3

Characteristics:

- 1, Excellent decontamination, emulsification, dispersion, wetting, solubilizing performance and foaming property.
- 2, Good solvency, thickening effect, wide compatibility, anti-hard water and high biodegradable ability.
- 3, Low irritation to skin and eyes.

Application:

- 1, Widely used in liquid detergent such as dishwashing detergent, shampoo, bubble bath liquid, hand washing etc.
- 2, In washing powder and detergent for heavy dirty, using it to partially replace LABSA, phosphate can be saved or reduced, and general dosage of active matter is reduced.
- 3, In textile, printing and dyeing industry, petroleum and leather industry, it can be used as lubricant, dyeing agent, cleanser, foaming agent and degreasing agent.

Specification

Items	Specification	
	70%	28%
Appearance 25°C	White to yellowish paste	Colorless to yellowish transparent liquid
Odor	Characteristic odor	Characteristic odor
Active matter, %	70±2	28±1
Unsulfated matter, %	2.0 max.	1.5 max.
Sodium sulfate, %	1.5 max.	0.5 max.
1,4-Dioxane, PPM	50 max.	50 max.
pH value (25°C, 1% Am.aq.sol)	7.0~9.5	7.0~9.5
Color, Hazen (5%Am.aq.sol)	20 max.	20 max.

Sodium Lauryl Ether Sulfate (SLES) 70%

Appearance, 25°C: White to yellowish paste

Odor: Characteristic odor

Active matter, %: 70±2

Unsulfated matter, %: 2.0 max.

Sodium sulfate, %: 1.5 max.

1,4-Dioxane, PPM: 50 max.

Ph value (25°C, 1% Am.aq.sol): 7.0-9.5

Color, Hazen (5% Am.aq.sol): 20 max.

Sodium Lauryl Ether Sulfate (SLES) 28%

Appearance, 25°C: White to yellowish paste

Odor: Characteristic odor

Active matter, %: 28±1

Unulfated matter, %: 1.5 max.

Sodium sulfate, %: 0.5 max.

1,4-Dioxane, PPM: 50 max.

Ph value (25°C, 1% Am.aq.sol): 7.0-9.5

Color, Hazen (5% Am.aq.sol): 20 max.

Packing

Item	Packing	Quantity/FCL	N.W./FCL	G.W./FCL
SLES 70%	110Kgs/Plastic Drum	191 Drums	21.01MT	21.965MT
	160Kgs/Plastic Drum	114 Drums	18.24MT	19.038MT
	170Kgs/Plastic Drum	114 Drums	19.38MT	20.178MT
	220Kgs/Plastic Drum	80 Drums	17.60MT	18.400MT
	1000Kgs/IBC	18 IBCs	18.00MT	19.152MT
	1100Kgs/IBC	18 IBCs	19.80MT	20.952MT
SLES 28%	200Kgs/Plastic Drum	80 Drums	16.00MT	16.800MT
	1000Kgs/IBC	18 IBCs	18.00MT	19.152MT

SLES 70% :

- 1) 110kg/plastic drum, 20.01mt/fcl (N.W.), 21.965mt/fcl (G.W.)
- 2) 160kg/plastic drum, 18.24mt/fcl (N.W.), 19.038mt/fcl (G.W.)
- 3) 170kg/plastic drum, 19.38mt/fcl (N.W.), 20.178mt/fcl (G.W.)
- 4) 220kg/plastic drum, 17.6mt/fcl (N.W.), 18.4mt/fcl (G.W.)
- 5) 1000kg/IBC, 18mt/fcl (N.W.), 19.152mt/fcl (G.W.)
- 6) 1100kg/IBC, 19.8mt/fcl (N.W.), 20.952mt/fcl (G.W.)

SLES 28%:

- 1) 200kg/plastic drum, 16mt/fcl (N.W.), 16.8mt/fcl (G.W.)
- 2) 1000kg/IBC, 18mt/fcl (N.W.), 19.152mt/fcl (G.W.)

Storage: Stored in dry and cool place, kept away from sunshine and rain.

