

Disodium Laureth (3 or 2) Sulfosuccinate (DLS)

Other Name: Disodium Fatty Alcohol Polyoxyethylene Ether Sulfosuccinate

INCI name: Disodium Laureth (3 or 2) Sulfosuccinate

CAS No.: 040754-59-4

EINECS (EC) No.:

Molecular Formula: $\text{RO}(\text{C}_2\text{H}_4\text{O})_3\text{COCH}_2\text{CH}(\text{SO}_3\text{Na})\text{COONa}$

R: C_{12-14} alkyl

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Characteristics:

- 1, Quite gentle to skin even in high consistence.
- 2, Low irritation and markedly reducing the irritation of other surfactants. Especially compounded with SLES, it has a more obvious effect.
- 3, Excellent emulsification, dispersion, wetting and solubilizing performance.
- 4, Medium decontamination and low degreasing power. Excellent cleaning ability and easy to rinse.
- 5, Good efficiency of dispersing calcium soap and anti-hard water.
- 6, Enhancing the attached components in shampoo, and reducing the hair color fading rate.
- 7, Medium foaming property and perfect solubility and viscosity adjusting functions.

Application:

- 1, With medium decontamination and weak degreasing power, widely used in shampoos, bubble-bath liquid, hand washing, facial cleanser, dishware detergent, surgical cleaning products, cosmetics products and household cleaning products.
- 2, Also can be used as emulsifier, dispersant, wetting agents, foaming agents and so on. Mainly used in coatings, textile, paper, leather and oil exploration industries.
- 3, Owing to its good lubrication, anti-hard water and excellent solubilizing performance, it can also be used as industrial liquid detergent.
- 4, The recommended dosage is:
 - 1) 4-10% in shampoo and 4-8% in bubble bath.
 - 2) 0.5-5% in the cosmetics.
 - 3) PH value should lower than 7.

Specification

Items	Specification
Appearance 25°C	Colorless to yellow transparent viscous liquid
Active matter, %	30±1
Solid, %	34±2
Sodium sulfate, %	1.0 max.
Sodium sulfite, %	0.3 max.
pH value (25°C, 10% aq. sol)	5.0—7.0
Color, Hazen	100 max.

Disodium Laureth (3 or 2) Sulfosuccinate (DLS)

Appearance, 25°C: Colorless to yellow transparent viscous liquid

Active matter, %: 30±1

Solid, %: 34±2

Sodium sulfate, %: 1.0 max.

Sodium sulfite, %: 0.3 max.

Ph value (25°C, 10% aq.sol): 5.0-7.0

Color, Hazen : 100 max.

Packing

Item	Packing	Quantity/FCL	N.W./FCL	G.W./FCL
DLS	200Kgs/plastic drum	80 Drums	16.00MT	16.80MT

200kg/plastic drum, 16mt/fcl (N.W.), 16.8mt/fcl (G.W.)

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

