Sodium Lauryl Ether Sulfate 70%
N2EO

CAS Number: 68891-38-3
Chemical Formula: $RO(CH_2CH_2O)_2SO_3Na$

Sodium Lauryl Ether Sulfate (SLES) 70% (N2EO) is a white to yellowish paste anionic surfactant widely used in personal care and cleaning applications. It offers high foaming, excellent emulsification, and superior wetting performance, making it ideal for shampoos, body washes, liquid soaps, and household detergents.

KEY FEATURES

- High active matter content (70%) for concentrated formulations
- Excellent foaming and detergency even in hard water
- Good compatibility with other surfactants
- Readily biodegradable
- Stable under a wide pH range (7–10)

APPLICATIONS

- Shampoos and body washes
- Liquid hand soaps and facial cleansers
- Bubble baths and foam washes
- Dishwashing and laundry detergents
- Industrial and institutional cleaning formulations

TYPICAL PROPERTIES

Parameter	Specification
Appearance	White to yellowish paste
Odour	Characteristic
Active Matter (%)	70 ± 2
Sodium Sulfate (%)	≤ 2.0
Unsulfated Matter (%)	≤ 3.0
pH (1% solution, 25 °C)	7.0 – 10.0
Colour (5% A.M.), Hazen	≤ 20

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

Available in 200 kg drums, IBCs, and bulk containers.

STORAGE & HANDLING

Refer to the Safety Data Sheet (SDS) before use. May cause skin and eye irritation. Avoid inhalation of vapour/mist. Use appropriate PPE.

SAFETY

Store in a cool, dry, well-ventilated area. Protect from frost and heat (>50 °C). Stir well if product becomes cloudy or viscous due to low temperature.