

Sodium Lauryl Ether Sulfate 70% (SLES)

Two-EO anionic surfactant concentrate for liquid detergents and qualified cleansing formulations.

CAS 68585-34-2	EC 500-223-8	Transport Non-dangerous goods; 68–72% aqueous reference
-------------------	-----------------	---

Product Information

The ZXS-SLES 70 (2 EO) grade is a sodium lauryl ether sulfate concentrate with 68–72% active matter. Its specification controls color at 5% active matter, pH at 1% active matter, sodium sulfate and unsulfated matter. The stated ethoxylation level is nominally two EO units; alkyl-chain and ethoxylation distributions make it a variable-composition material.

Specifications

Parameter	Specification
Appearance	White to light-yellow viscous gel
Active matter	68–72 %
Color, 5% active matter	≤10 Hazen
pH, 1% active matter	7.0–9.5
Sodium sulfate	≤1.0 %
Unsulfated matter	≤2.0 %
Odor	Odorless
Density, legacy descriptor	1.03 g/cm ³ ; temperature not defined

Typical Properties

Property	Typical Value
Ethoxylation level	Nominal 2 EO
Surfactant type	Anionic

Applications

Liquid detergent blending: Evaluate the two-EO concentrate in qualified detergent blends.

Cleansing formulation development: Assess use in permitted shampoo, bath and other cleansing formulations.

Concentrate handling: Plan controlled dilution and pumping for the viscous gel.

Packaging / Storage

Item	Information
Packaging	170 kg or 200 kg polyethylene drums; confirm the selected net weight on the quotation.
Storage	Keep tightly closed, cool and ventilated. Protect from excessive heat, sunlight and contamination; separate from incompatible chemicals and contain spills.
Shelf life	Two years under the stated original-packaging storage conditions.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
Shanghai office	Room 1001, Building A, Caohejing Center, No. 1520 Gumei Road, Xuhui District, Shanghai, China
Telephone / Email	+86-21-54265599 / sales@zxchem.com.cn
Website	www.zxchem.com