

Product Data Sheet

Sodium Lauryl Ether Sulphate (SLES) - 70% Grade

Description

Description	SLES 70% is a high-concentration anionic surfactant paste/liquid, produced by ethoxylation of lauryl (dodecyl) alcohol followed by sulfation and neutralisation with sodium hydroxide. Supplied in concentrated form, it is the standard feedstock grade for formulators who dilute in-house to their required active-matter level across detergent, personal care and industrial cleaning applications.
Applications	Liquid detergents, dishwashing liquids and laundry liquids Shampoos and personal care cleansing formulations Car wash shampoos and industrial cleaning concentrates Base surfactant for private-label formulation houses
Grade	70% Active Matter (Concentrated Paste/Liquid)
CAS No.	68585-34-2 / 9004-82-4 (Sodium Laureth Sulfate)

Key Benefits

1. High active matter – efficient for freight and in-house dilution
2. Excellent, stable foam profile across a wide pH range
3. Strong detergency and emulsification of oils/grease
4. Compatible with co-surfactants (CAPB, SLES derivatives) for mild formulations
5. Readily biodegradable anionic surfactant

Chemical Analysis & Physical Data

Typical Specification

Parameter	Unit	Specification
Active Matter (Solid Content)	wt%	Min. 69.0 (typical 70 ± 2)
Appearance	–	White to pale yellow viscous paste/liquid
pH (10% aqueous solution)	–	6.5 – 9.5
Free Oil (Unsulphated Matter)	wt%	Max. 2.5
Sodium Chloride (NaCl)	wt%	Max. 1.0
Sodium Sulfate (Na ₂ SO ₄)	wt%	Max. 1.5
Colour (Klett, 5% solution)	–	Max. 30
1,4-Dioxane	mg/kg	Max. 30 (premium lots <10)
Density @ 25°C	g/cm ³	1.05 – 1.08

Packaging

Packaging 200 kg (Net) HDPE Drums
1,000 kg / 1,050 kg IBC Totes
Flexitank / ISO tank for bulk liquid shipments
Custom packaging available on request.

Storage & Handling

1. Store in a cool, dry, well-ventilated area away from direct sunlight
2. Keep containers tightly sealed when not in use
3. Avoid storage below 15°C – product may thicken/gel and require gentle warming before use
4. Keep away from strong oxidising agents and acids
5. Use appropriate PPE when handling – avoid prolonged skin/eye contact

Quality Assurance

1. Every batch is tested against the specification above before dispatch
2. A batch-specific Certificate of Analysis (COA) accompanies each shipment, reporting active matter, 1,4-Dioxane, colour and pH against this TDS
3. COA available on request prior to shipment for buyer pre-approval
4. Third-party inspection (SGS/Intertek) can be arranged on request for regulated-market shipments

Disclaimer: The information provided in this document is based on our current knowledge and is intended as a general guide. Ochnology Solution Pvt. Ltd. reserves the right to modify specifications without prior notice. Buyers are advised to conduct their own testing for specific applications. A batch-specific Certificate of Analysis (COA) is available on request for each shipment.