

Product Data Sheet

Sodium Lauryl Ether Sulphate (SLES) - 28% Grade

Description

Description	SLES 28% is an anionic surfactant supplied as a ready-to-use, pre-diluted aqueous solution, produced by ethoxylation of lauryl (dodecyl) alcohol followed by sulfation and neutralisation with sodium hydroxide. The lower concentration compared to the 70% grade makes it convenient for direct dosing into liquid formulations without further in-house dilution.
Applications	Liquid detergents and dishwashing liquids Shampoos, hand wash and personal care cleansers Car wash shampoos and vehicle care liquids General-purpose industrial and institutional cleaners
Grade	28% Active Matter (Liquid, pre-diluted)
CAS No.	68585-34-2 / 9004-82-4 (Sodium Laureth Sulfate)

Key Benefits

1. Ready-to-dose liquid – no on-site dilution required
2. Strong, stable foam generation
3. Good detergency and oil/grease removal
4. Mild to skin at use-dilution, suitable for personal care bases
5. Readily biodegradable anionic surfactant

Chemical Analysis & Physical Data

Typical Specification

Parameter	Unit	Specification
Active Matter (Anionic Surfactant)	wt%	Min. 27.0 (typical 27–29)
Appearance	–	Clear to slightly hazy, colourless to pale straw liquid
pH (1% aqueous solution)	–	6.5 – 9.0
Sodium Chloride (NaCl)	wt%	Max. 1.5
Free Oil (Unsulphated Matter)	wt%	Max. 1.5
Sodium Sulfate (Na ₂ SO ₄)	wt%	Max. 1.0
Colour (Klett, 5% solution)	–	Max. 30
Density @ 25°C	g/cm ³	1.03 – 1.05

Packaging

Packaging 200 kg (Net) HDPE Drums
 20 kg / 25 kg HDPE Jerry Cans
 1,000 kg / 1,050 kg IBC Totes
 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 prolonged storage below 5°C to prevent cloudiness/gelling
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, pH, colour and density 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.