

SPECIFICATION

Product Name: Sodium Lauryl Sulphate Technical Grade
Chemical Formula: C ₁₂ H ₂₅ SO ₄ Na
CAS Number: 151-21-3
Molecular Weight: 288.38 g/mol
Appearance: White powder
Odor: Odor

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min./Max.)
Active matter	%	96.0	>=95.00
PH (1% AD basis)	-	10.08	9.00 – 11.00
Sodium Sulphate	%	0.89	<=4.0000
Sodium chloride	%	0.055	<=0.50
Un- sulphated matter	%	1.55	<=2.00
Moisture	%	1.29	<= 2.00
Bulk density	gm/cc	0.44	>= 0.40

Physical Properties

- Solubility: Soluble in water. Soluble in ethanol. Insoluble in ether. Insoluble in acetone.

Shelf Life & Storage

- Shelf Life: 2 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a cool, dry, and well-ventilated place at 15–30°C. Protect from moisture, excessive humidity, direct sunlight, and contamination. Keep the container tightly closed in the original, properly labeled packaging to prevent moisture absorption and caking. Store away from strong oxidizing agents, strong acids, and incompatible materials. Proper

storage helps maintain the product's surface-active properties, free-flowing characteristics, and stability.

Applications

- Use: Widely used as an anionic surfactant, detergent, wetting agent, emulsifier, dispersing agent, and foaming agent in industrial and household cleaning applications. It is commonly incorporated into laundry detergents, dishwashing liquids, industrial cleaners, vehicle wash formulations, textile processing chemicals, emulsions, degreasers, and other industrial formulations. It provides excellent cleaning performance, foam generation, soil removal, wetting, and emulsification, improving the effectiveness of cleaning and processing systems.
- Dosage: Sodium Lauryl Sulphate Technical Grade does not have a therapeutic or food dosage, as it is intended only for industrial applications. The quantity used depends on the formulation and the required surfactant performance.

Packaging

- Standard Packing: 25 Kgs woven pp bag with inner liner or as per customer requirement.
 - Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.
- * Specifications are based on the manufacturer's provided specifications.