

SPECIFICATION

Product Name: Sodium Lignosulfonate Technical Grade
Chemical Formula: C ₂₀ H ₂₄ Na ₂ O ₁₀ S ₂
CAS Number: 8061-51-6
Molecular Weight: 534.5 g/mol
Appearance: Dark brown colour powder
Odor: Odor

Chemical Composition

Parameter	Unit	Typical Value
PH Value	-	9.10
Moisture	%	4.2%
Ligno Sulphonate	%	52.00%
Water insoluble matter	%	2.60%
Dry matter	%	95%
Total reducing matter	%	5.40%

Physical Properties

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

Shelf Life & Storage

- Shelf Life: 5 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, 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, and protect from direct sunlight and excessive heat to maintain product quality and performance.

Applications

- Use: Widely used as a dispersant, binder, water-reducing agent, dust suppressant, emulsifier, and chelating agent in various industrial applications. It is commonly incorporated into concrete admixtures to improve workability and reduce water demand, ceramic formulations to enhance dispersion, animal feed pellets as a binder, agricultural formulations as a dispersing and binding agent, mining and mineral processing, oil drilling fluids, coal briquetting, and dust control applications on roads and stockpiles.
- Dosage: Depends on the specific application and formulation requirements.

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.