



# HENAN YAROS CHEMICAL CO., LTD.

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## Technical Data Sheet – Sodium Lauryl Ether Sulfate

PRODUCT	Sodium Lauryl Ether Sulfate
Other Name	Sodium Laureth Sulfate, SLES
CAS No.	68585-34-2
EINECS No.	209-553-4
HS Code	34023900
Molecular Formula	$\text{RO}(\text{CH}_2\text{CH}_2\text{O})_n\text{SO}_3\text{Na}$
Appearance	white to yellowish viscous paste
Property	Anionic surfactant



ANALYSIS		
Items	Standard	Typical value
Active matter %	70±2	70.2
Sodium sulfate %	≤1.5	0.7
Unsulfated matter %	≤3.0	1.5
PH value (25°C, 1% sol)	≥7	9.7
Color(Klett, 5% sol)	≤30	5
Appearance(25°C)	Yellowish viscous paste	qualified
Odor	No Strange Odors	qualified

PACKING	
170 kg plastic drum	19.38 tonnes per 20 ft full container load
220 kg plastic drum	17.6 tonnes per 20 ft full container load
1050 kg IBC tank	21 tonnes per 20 ft full container load
Flexitank	22 tonnes per 20 ft full container load

## STORAGE

Keep container tightly closed.

Keep in cool and dry place, avoid extreme heat and cold, Store in clean, dry preferably. In sealed original containers and kept at SLES must be protected against frost. In the original unopened containers the product can be stored two years. In the temperature range of approx 10°C the flow ability decrease during storage. However the product quality is not negatively influence above a pH value of 4.0 due to the high concentration, the addition of preservative is not necessary.



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### KEY BENEFITS OF SLES

The product has good solvency, favorable hard-water resistance and high-biodegradation. It also facilitates ease of formulation and production. In addition, it also creates a degree of thickening to the final product formulation.

### APPLICATION

- Highly concentrated sodium lauryl ether sulfate derived from natural fatty alcohols, due to its high content of washing active substance is particularly suitable for highly concentrated end products.
- Outstanding detergency quality used for manufacturing of liquid washing and technical cleaning agents as well as liquid light duty detergents, because of its good foam characteristic and easy thickening with salt.
- The product is pump able at room temperature and can be diluted by help of suitable mixing machines because of its good foam characteristic and the easy thickening with salt.
- The product is also suited for basic surfactant for cosmetic cleansing preparation such as shampoo, shower gels and foam bath.
- SLES used in emulsion and cream, Hair shampoos, Bubble bath, foam bath, Liquid soap.
- Wide used in liquid detergents, house hold, personal care, foam booster, foam stabilizer, viscosity booster, shampoo and bath formula, and softener for skin and hair.
- Also used in Hair shampoos, Bubble bath, foam bath, Liquid soap and detergent.



- CARE
- Shampoos
- Cosmetics bathing preparation
- Pasty and liquid hand and skin preparations
- Dishwashing Liquid
- Industrial and Household products