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Technical Data Sheet

SODIUM LAURYL ETHER SULFATE 70%

Product Information

Chemical Name	SODIUM LAURYL ETHER SULFATE 70%
CAS #	68585-34-2
Formula	RO(C ₂ H ₄ O) ₂ SO ₃ Na
Molecular Weight	328.38
Synonyms	SLES

Description

SLES is a kind of anionic surfactant with excellent performance. It is easily dissolved in water. It is widely used in liquid detergent, such as dishware, shampoo, bubble bath and hand cleaner, etc. SLES can also be used in washing powder and detergent for heavy dirty. Using it to replace LAS, phosphate can be saved or reduced, and general dosage of active matter is reduced. In textile, printing and dyeing, oil and leather industries, dyeing agent, cleaner, foaming agent and degreasing agent.

Physical Properties

Melting point, °C	10-15°C
Boiling range, °C	N/P
Density @ 20°C, g/cm ³	ca 1.1 (20°C)
Flash point, °C	N/P

Specification

Item	Specification
Appearance	White or light yellow Paste
Active Matter, %	70.0±2
Unsulfated Matter, %	≤3.50
Sodium Sulfate, %	≤1.50

PH (1% aq. solution)	6.5~9.5
Color (5% Am.aq.Sol.), Hazen	≤30

Safety

SLES70% has good cleaning, emulsifying, wetting, densifying and foaming performance, with good solvency, wide compatibility, strong resistance to hard water, high biodegradation, and low irritation to skin and eye.

Applications

It is widely used in liquid detergent, such as dishware, shampoo, bubble bath and hand cleaner, ect.

Packaging

170kg per plastic or iron drum.

19.38 mt per 20ft container

Storage & Handling

Handling: Wash thoroughly after handling. Wash hands before eating. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

Storage: Store in plastic, plastic lined or stainless steel, tight closed containers at between 5 ~ 40°C. Keep container closed when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances and sources of ignition.

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