

Sodium Lauryl Ether Sulfate

Specifications

Property	Value
CAS Number	68891-38-3
EINECS Number	221-416-0
HS Code	3402110000
Molecular Formula	$C_{12}H_{25}O.(C_2H_4O)_2.SO_3.Na$
Molecular Weight	265.87
Other Names	SLES
Appearance	White or light yellow paste

Item	Purity 70%	Purity 28%
Insoluble In Water	70 ± 2.0	28 ± 1
Sulfides (as Na ₂ S)	2.5% max	1.5% max
Iron	1.5% max	0.5% max
pH	7.0-9.5	7.0-9.5
Color (5% Am, aq.sol; Klett)	20 max	20 max

Applications

Sodium Lauryl Ether Sulfate (SLES) is an excellent decontaminant, emulsifying agent, and dispersant. It has excellent wetting, solvency and foaming properties. SLES has good thickening effects with wide compatibility, and high biodegradable ability. It is widely used in liquid detergents such as dishwashing detergent, shampoo, bubble bath liquid and hand wash. SLES is also found in washing powders and detergents for heavily soiled clothing. In textile industries, printing and dyeing industries, petroleum and leather industries, SLES can be used as a lubricant, dyeing agent, cleanser, foaming agent and degreasing agent.

Packaging

Packaged in 250kg plastic drums, or as required by customer.

Storage

Store in a cool, dry, and well-ventilated location. Keep product sealed and away from incompatible materials.