

### Ammonium Lauryl Ether Sulfate ALES CAS 32612-48-9

Other name: Ammonium Laureth Sulfate, AESA, ALES, Ammonium Diethylene glycol Lauryl Ether Sulfate, Ammonium Salt, Alpha-sulfo-omega-(Dodecyloxy)-Poly(Oxy- 1,2- ethanediyl)

Molecular Formula:  $\text{RO}(\text{CH}_2\text{CH}_2\text{O})_3\text{SO}_3\text{NH}_4$ , R:C12-C15

Items	AESA 70%	AESA 25%
Appearance (25°C)	Transparent or White sticky Paste	Colorless or light yellow liquid
Active matter	68-72	24-26
Odor	No strange Odors	
Unsulphated matter, %	3.5 max	1.0 max
Inorganic Chloride, %	0.4 max	0.1 max
Inorganic sulfate, %	3.0 max	1.2 max
PH Value (25°C, 2% sol)	5.5-7.0	5.5-7.0
Color (Klett, 5%Am. Aq. sol)	20 max	10 max

#### Function:

1. Widely used in liquid detergent such as dishwashing detergent, shampoo, bubble bath liquid, hand washing etc.
2. In washing powder and detergent for heavy dirty, using it to partially replace LABSA, phosphate can be saved or reduced, and general dosage of active matter is reduced.
3. In textile, printing and dyeing industry, petroleum and leather industry, it can be used as lubricant, dyeing agent, cleanser, foaming agent and degreasing agent.
4. Shampoo, bath soap, dishwashing detergent, soap and other composite washing cosmetic products.
5. Textile industry wetting agents, cleaning agents, etc.

