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# LAURYL ALCOHOL ETHOXYLATE (3 Moles)

**CAS #: 68439-50-9**

## DESCRIPTION

**LAE 3 moles** is a non-ionic surfactant that belongs to the group of ethoxylated fatty alcohols. The product is part of a group of surfactants based on lauryl alcohol with C12-C14 carbon distribution. The ethoxylation process also tends to increase the water solubility of the material. Products that typically contain Lauryl Alcohol Ethoxylate include cosmetics, laundry detergents, surface cleaners and personal care products.

## TECHNICAL SPECIFICATIONS

Appearance at 25 °C	: Colorless liquid
Color pt-co	: 50 Max.
Viscosity at 50 °C	: 10 - 12 C.st
Density at 50 °C	: 0.85 - 0.95 gr/cm <sup>3</sup>
pH (5% Solution in Water)	: 5 - 7
HLB, calculated	: 7.9 - 8.2
Cloud point (10% in 25% BDG)	: 60 - 63 °C
Average molecular weight	: 322 - 334 g/mol
Hydroxyl value	: 168 - 174 mgKOH/g
Water content	: 0.1 wt% Max.
Packing	: 220 kg drums on pallets

## APPLICATIONS

**LAE 3 moles** is applied in different industries such as Cosmetics & Personal care as raw materials in shampoo, body gels and hand cleaners, Textiles as scouring and wetting agents, Agriculture as emulsifiers in herbicides, Insecticides and fertilizers and Paper as wetting agents and improve absorbency.

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