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LAURYL ALCOHOL ETHOXYLATE (9 Moles)

CAS #: 68439-50-9

DESCRIPTION

LAE 9 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 | : Hazy viscous liquid |
| Color pt-co | : 50 Max. |
| Viscosity at 50 °C | : 24 - 26 C.st |
| Density at 50 °C | : 0.98 - 1.00 gr/cm ³ |
| pH (5% Solution in Water) | : 5 - 7 |
| HLB, calculated | : 13.1 - 13.8 |
| Cloud point (10% in 25% BDG) | : 79 - 81 °C |
| Average molecular weight | : 572 - 603 g/mol |
| Hydroxyl value | : 93 - 98 mgKOH/g |
| Water content | : 0.5 wt% Max. |
| Packing | : 220 kg drums on pallets |

APPLICATIONS

LAE 9 moles have many applications in laundry, textiles, hard surface cleaning, paints, carpet cleaning, hand dishwashing and institutional and industrial cleaning formulations. In addition, these products are effective emulsifiers and emulsifier blend components for pesticide formulations.

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