

ROKAnol[®] L12

CHEMICAL NAME	Alcohols C12-14, ethoxylated
INCI NAME	Laureth-12
CAS NUMBER	68439-50-9
FUNCTION	Non-ionic surfactant
TECHNICAL REQUIREMENTS	Appearance at (20±25)°C..... wax Colour (Hazen units) at 50°C..... max 100 pH of 1% solution 6.0 ÷ 7.5 Cloud point (solution NaCl/water), ° C..... 64 ÷ 70 Water, %(m/m)max 0.5
GENERAL DATA	Molecular weight, g/mol..... approx. 720 Solubility in water good Other solvents low aliphatic alcohols, acetone Solidification point, °C approx. 32 Density at 70°C, g/mL 1.05 Hydrophilic-lipophilic balance (HLB) approx. 14.7
APPLICATION	The product is used indirectly in the manufacture of cleaning agents, laundry and detergents, and used as an emulsifier. It can be used in oxidizing, reducing and hard water environments. It is active in cold water, in acidic and neutral environments and in dilute alkalis. It can be used in mixture with other non-ionic auxiliaries and in mixtures with anionic and cationic surfactants. In a mixture with alkyl sulfates and arylalkyl sulfonates it shows synergistic action during washing and cleaning.