

ROKAnol[®] LK3

CHEMICAL NAME	Alcohols, C12-14, ethoxylated
INCI NAME	Laureth-3
CAS NUMBER	68439-50-9
FUNCTION	Emulsifier, cleansing agent
TECHNICAL REQUIREMENTS	<p>Appearance at temperature (20÷25)°C liquid or paste</p> <p>Colour (Hazen units) at 40 °C max. 50</p> <p>pH of 1% solution.....4.6 ÷ 7.4</p> <p>Hydroxyl value, mgKOH/g..... 165 ÷ 173</p> <p>Water content, %(m/m)max. 0.3</p>
GENERAL DATA	<p>Molecular weight g/molapprox. 330</p> <p>Solubility in water low, creates cloudy solutions</p> <p>Other solvents..... low aliphatic alcohols</p> <p>Density at 25°C, g/ml0.93</p> <p>Solidification point, °Capprox. 5</p> <p>Odour..... mild, characteristic</p> <p>Hydrophilic-lipophilic balance (HLB)..... 7.8</p>
APPLICATION	<p>ROKAnol[®] LK3 is a non-ionic surfactant used in various kinds of formulations intended for washing, cleaning, laundry most often as one component of the combination with other anionic or non-ionic or cationic active surfactants.</p> <p>ROKAnol[®] LK3 can be used in an oxidizing agents, reducing agents and hard water. It is active in baths of acid, neutral and dilute alkali. It is used mainly for the production of ether sulfates.</p>