

## ROKAnol<sup>®</sup> L4

<b>CHEMICAL NAME</b>	Alcohols, C12-14, ethoxylated
<b>INCI NAME</b>	Laureth-4
<b>CAS NUMBER</b>	68439-50-9
<b>FUNCTION</b>	Emulsifier
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance at 40°C..... clear or slightly turbid liquid</p> <p>Colour (Hazen units) at 40 °C ..... max. 70</p> <p>pH of 1% solution.....5.0 ÷ 7.0</p> <p>Cloud point (butyldiglycol/water solution), °C .....59 ÷ 63</p> <p>Water content, %(m/m) .....max. 0.5</p>
<b>GENERAL DATA</b>	<p>Molecular weight .....approx. 370</p> <p>Solubility in water ..... low, creates turbid solutions</p> <p>Other solvents.....low aliphatic alcohols, acetone</p> <p>Density at 50°C, g/ml .....0,91</p> <p>Solidification point, °C .....approx. 8</p> <p>Odour..... weak, characteristic</p> <p>Hydrophilic-lipophilic balance (HLB).....10.0</p>
<b>APPLICATION</b>	<p>Aqueous solutions ROKAnol<sup>®</sup> L4 are resistant to acids, hard water and partly to alkali. The product may be mixed with non-ionic agents, cationic and anionic, both in an anhydrous medium, or in aqueous solutions. ROKAnol<sup>®</sup> L4 is used for the preparation of anionic active substances, as nonionic emulsifier component, the raw material for the manufacture of dishwashing machines, pharmaceutical preparations, a component for the production of cleaning agents and lubricants.</p>