

## ROKAnol<sup>®</sup> DB5

<b>CHEMICAL NAME</b>	Alcohols, C12-15, ethoxylated
<b>INCI NAME</b>	C12-15 Pareth-5
<b>CAS NUMBER</b>	68131-39-5
<b>FUNCTION</b>	Cleansing agent
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance ..... clear or slightly turbid liquid</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 ..... 130 ÷ 140</p> <p>Water content, %(m/m) ..... max. 0.5</p> <p>Cloud point (butyldiglycol/water solution), °C ..... 65 ÷ 72</p>
<b>GENERAL DATA</b>	<p>Molecular Weight ..... approximately 415</p> <p>Solubility in water ..... low, creates turbid solutions</p> <p>Other solvents ..... low aliphatic alcohols</p> <p>Density at 20°C, g/ml ..... approximately 0.957</p> <p>Odour ..... weak, characteristic</p> <p>Solidification point, °C ..... approximately 10</p> <p>Hydrophilic-lipophilic balance (HLB) ..... 10.5</p>
<b>APPLICATION</b>	<p>Non-ionic surfactant used in various cleaning and washing agents. ROKAnol<sup>®</sup> DB5 can be used in oxidizing, reducing and hard water environments. It is active in cold water, in an acid and neutral bath, as well as in diluted alkalis.</p>