

ROKAnol[®] DB3

CHEMICAL NAME	Alcohols, C12-15, ethoxylated
INCI NAME	C12-15 Pareth-3
CAS NUMBER	68131-39-5
FUNCTION	Cleansing agent
TECHNICAL REQUIREMENTS	<p>Appearance at (20±25)°C..... liquid or paste</p> <p>Colour (Hazen units) at 40°C.....max. 70</p> <p>pH of 1% solution 4.6 ÷ 7.4</p> <p>Hydroxyl value, mgKOH/g 163 ÷ 172</p> <p>Water, %(m/m)max. 0.3</p>
GENERAL DATA	<p>Molecular weight, g/mol..... approximately 330</p> <p>Solubility in water low, creates emulsion</p> <p>Other solvents low aliphatic alcohols</p> <p>Density at 20°C, g/ml..... approximately 0.93</p> <p>Odour weak, characteristic</p> <p>Solidification point, °C approximately 10</p> <p>Hydrophilic-lipophilic balance (HLB). 7.8</p>
APPLICATION	<p>Non-ionic surfactant used in various cleaning and washing agents, usually as one of components together with other non-ionic or anionic or cationic surface active agents.</p> <p>ROKAnol[®] DB3 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>