

ROKAnol K5

CHEMICAL NAME	Alcohols, C16-18 (even numbered) and C18:1 unsaturated, ethoxylated, 3-10 EO
INCI NAME	Cetoleth-5
CAS NUMBER	68920-66-1
FUNCTION	Emulsifier
TECHNICAL REQUIREMENTS	<p>Appearance..... liquid or paste</p> <p>Colour in iodine scale at 50 °Cmax. 7</p> <p>pH of 1% solution 5.5 ÷ 8.5</p> <p>Cloud point, ml 7.0 ÷ 8.5</p>
GENERAL DATA	<p>Molecular weight approx. 480</p> <p>Solubility in water low, creates emulsion</p> <p>Other solvents low aliphatic alcohols</p> <p>Density at 50°C, g/ml..... approx. 0.95</p> <p>Odour slight</p> <p>Solidification point, °C approx. 18</p> <p>Hydrophilic-lipophilic balance (HLB) 9.2</p>
APPLICATION	<p>Non-ionic surfactant used primarily as a mineral oil emulsifier. Rokanol K5 can be used in a mixture with other non-ionic auxiliary agents and in mixtures with anionic and cationic surface active agents. It is active in cold water, in an acid and neutral bath, as well as in diluted alkalies.</p>