

## ROKAnol® T20 PILLS

<b>CHEMICAL NAME</b>	C16-18 alcohols, ethoxylated (20 mol EO average molar ratio)
<b>INCI NAME</b>	Cetareth-20
<b>CAS NUMBER</b>	68439-49-6
<b>FUNCTION</b>	Emulsifying and wetting agent in preparations.
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance at temperature (20 ÷ 25)°C..... solid wax in the form of white to cream pills</p> <p>pH of 1% solution ..... 5.5 ÷ 8.5</p> <p>Cloud point (NaCl solution 50 g/L), °C..... 88 ÷ 94</p> <p>Water, %(m/m) ..... max 1</p> <p>Hydroxyl Value, mg KOH/g..... 48 ÷ 55</p>
<b>GENERAL DATA</b>	<p>Molecular weight, g/mol .....approx. 1100</p> <p>Solubility in water .....good (in hot water)</p> <p>Hydrophilic-lipophilic balance (HLB) .....approx. 15.3</p> <p>Refractive Index, at 60°C ..... approx. 1.450</p> <p>Solidification point, °C .....approx. 40</p> <p>Acid Value, mg KOH/g .....max 0.5</p> <p>Saponification Value, mg KOH/g .....max 1</p> <p>Odour .....weak, characteristic</p>
<b>APPLICATION</b>	<p>ROKAnol® T20 PILLS functions as an emollient and emulsifier in cosmetic formulations. Used with other ingredients (fatty alcohols and fatty acids) it acts as a solubilizer and thickening agent. ROKAnol® T20 PILLS functions also as a non-ionic stabilizer in oil in water emulsions. ROKAnol® T20 PILLS can be used in a mixture with other non-ionic auxiliary agents and in mixtures with anionic and cationic surface active agents.</p>