

## ROKAnol® T25 PILLS

<b>CHEMICAL NAME</b>	C16-18 alcohols, ethoxylated (25 mol EO-average molar ratio)
<b>INCI NAME</b>	Cetareth-25
<b>CAS NUMBER</b>	68439-49-6
<b>FUNCTION</b>	Emulsifier
<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 10% solution ..... 5.0 ÷ 7.5</p> <p>Hydroxyl Value, mg KOH/g..... 36 ÷ 45</p> <p>Water, %(m/m) .....max. 1</p>
<b>GENERAL DATA</b>	<p>Molecular weight, g/mol.....approx. 1360</p> <p>Solubility in water .....good (in hot water)</p> <p>Hydrophilic-lipophilic balance (HLB) ..... approx. 16</p> <p>Density at 60°C, g/mL .....approx. 1.020</p> <p>Acid Value, mg KOH/g .....max. 1</p> <p>Saponification Value, mg KOH/g .....max. 3.0</p> <p>Solidification point, °C ..... approx. 43</p> <p>Odour ..... weak, characteristic</p>
<b>APPLICATION</b>	<p>ROKAnol® T25 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. It functions also as a non-ionic stabilizer in oil in water emulsions. ROKAnol® T25 PILLS can be used in a mixture with other non-ionic auxiliary agents and in mixtures with anionic and cationic surface active agents.</p>