

ROKAnol[®] T20 MB flakes

CHEMICAL NAME	C16-18 alcohols, ethoxylated (20 mol EO average molar ratio)
INCI NAME	Cetareth-20
CAS NUMBER	68439-49-6
FUNCTION	Emulsifying and wetting agent in preparations.
TECHNICAL REQUIREMENTS	<p>Appearance at (20 ÷ 25)°C..... solid wax in the form of white to cream flakes</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>
GENERAL DATA	<p>Solidification point, °Capprox. 40</p> <p>Refractive Index, at 60°C approx. 1.450</p> <p>Hydrophilic-lipophilic balance (HLB)approx. 15.3</p> <p>Acid Value, mg KOH/gmax 0.5</p> <p>Saponification Value, mg KOH/gmax 1</p> <p>Molecular weight, g/molapprox. 1100</p> <p>Solubility in watergood (in hot water)</p> <p>Odourweak, characteristic</p>
APPLICATION	<p>ROKAnol[®] T20 MB flakes 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 MB flakes functions also as a non-ionic stabilizer in oil in water emulsions. Product can be used in a mixture with other non-ionic auxiliary agents and in mixtures with anionic and cationic surface active agents.</p>