

ROKAnol® O5

CHEMICAL NAME	(Z)-9-Octadecen-1-ol ethoxylated
INCI NAME	Oleth-5
CAS NUMBER	9004-98-2
FUNCTION	Emulsifier
TECHNICAL REQUIREMENTS	<p>Appearance at (20±25)°C liquid</p> <p>Colour in Gardner scale at 50°Cmax 1</p> <p>pH of 1% solution 5.0 ÷ 7.0</p> <p>Hydroxyl value, mgKOH/g 110 ÷ 120</p> <p>Iodine value, gJ2/100g42 ÷ 52</p> <p>Water, %(m/m)max 1</p>
GENERAL DATA	<p>Molecular weight g/mol approx. 440</p> <p>Solubility in water at (20±25)°C creates a turbid solution</p> <p>Other solvents low aliphatic alcohols</p> <p>Density at 20°C, g/ml approx. 0.93</p> <p>Viscosity at 20°C, cP approx.60</p> <p>Solidification point, °C approx. -4</p> <p>Hydrophilic-lipophilic balance (HLB) 9.1</p> <p>Odour characteristic</p>
APPLICATION	Emulsifier, dispersing and wetting agent for personal care and industrial applications. It can be used in oxidizing, reducing and hard water environments. ROKAnol® O5 can be used in a mixture with other non-ionic auxiliary agents and in mixtures with anionic and cationic surface active agents off-white.