

ROKwinol 20

CHEMICAL NAME	Sorbitan monolaureate, ethoxylated
INCI NAME	Polysorbate 20
CAS NUMBER	9005-64-5
FUNCTION	A non-ionic emulsifier
TECHNICAL REQUIREMENTS	<p>Appearance at temperature (20÷25)°C..... clear liquid</p> <p>Colour (Gardner scale) at (20÷25)°Cmax 5</p> <p>Hydroxyl Value, mg KOH/g.....96 ÷108</p> <p>Acid number, mg KOH/gmax. 2</p> <p>Saponification number, mg KOH/g40 ÷ 50</p> <p>Water content, %(m/m)max 3</p>
GENERAL DATA	<p>Solubility in watergood</p> <p>Density at 25°C, g/mlapprox. 1.04</p> <p>Odour..... weak</p> <p>Solidification point, °C approx. -5</p> <p>Hydrophilic-lipophilic balance (HLB).....16.7</p>
APPLICATION	ROKwinol 20 is an ethoxylated sorbitan ester containing approximately 20 moles of EO. The product is a non-ionic emulsifier and O/W type co-emulsifier, applied to emulsification of oils, waxes and solvents of cosmetic and industrial formulations.