

## ROKANOL O3

<b>CHEMICAL NAME</b>	(Z)-9-Octadecen-1-ol ethoxylat
<b>INCI NAME</b>	Oleth-3
<b>CAS NUMBER</b>	9004-98-2
<b>FUNCTION</b>	Emulsifier
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance at (20÷25)°C .....clear or turbid liquid</p> <p>Colour in iodine scale at 50°C .....max. 10</p> <p>pH of 1% solution .....5.5 ÷ 8.5</p> <p>Cloud point (butylodiglycol/water solution), °C .....37 ÷41</p> <p>Iodine value, gJ<sub>2</sub>/100g .....54 ÷ 64</p>
<b>GENERAL DATA</b>	<p>Molecular weight g/mol .....approx. 400</p> <p>Solubility in water ..... low</p> <p>Density at 20°C, g/ml .....approx. 0.907</p> <p>Odour ..... slight</p> <p>Solidification point, °C .....approx. 0</p> <p>Hydrophilic-lipophilic balance (HLB) ..... 7.1</p>
<b>APPLICATION</b>	<p>Rokanol O3 is a non-ionic surfactant used in textile and dye industries as an emulsifier, and as a softening and dispersing agent in washing and cleaning processes. It can be used in oxidizing, reducing and hard water environments. Rokanol O3 can be used in a mixture with other non-ionic auxiliary agents and in mixtures with anionic and cationic surface active agents. Does not cause metal corrosion.</p>