

## Rokafenol N3

<b>CHEMICAL NAME</b>	Nonylphenol, ethoxylate, 3-7 EO
<b>INCI NAME</b>	Nonoxynol-3
<b>CAS NUMBER</b>	127087-87-0
<b>FUNCTION</b>	Emulsifier, dispersing agent
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance ..... oily liquid</p> <p>Colour (Hazen units) ..... max. 70</p> <p>pH of 1% (m/m) solution ..... 4.6 ÷ 7.4</p> <p>Cloud point (butyldiglycol/water solution), °C ..... 25 ÷ 30</p> <p>Water content, %(m/m) ..... max. 1</p>
<b>GENERAL DATA</b>	<p>Molecular weight ..... approx. 350</p> <p>Solubility in water ..... low, creates emulsion</p> <p>Other solvents ..... methyl alcohol and ethyl alcohol, mineral oils</p> <p>Density at 20°C, g/ml ..... approx. 1.01</p> <p>Odour ..... weak, characteristic</p> <p>Solidification point, °C ..... below 0</p> <p>Hydrophilic-lipophilic balance (HLB) ..... approx. 8</p>
<b>APPLICATION</b>	<p>Non-ionic surfactant used as an emulsifier.</p> <p>EU regulations limit its application to industrial cleaning, textile and leather treatment, as well as metal treatment with the use of closed-circuit systems in which the working liquid is recirculated or combusted.</p>