

ROKAfenol N9

CHEMICAL NAME	Nonylphenol, ethoxylate
INCI NAME	Nonoxynol-9
CAS NUMBER	127087-87-0
FUNCTION	Emulsifier, dispersing agent
TECHNICAL REQUIREMENTS	<p>Appearance clear or opalescent oily liquid</p> <p>Colour (Hazen units) max. 70</p> <p>pH of 1% solution 4.6 ÷ 7.4</p> <p>Cloud point (aqueous solution), °C 58 ÷ 61</p> <p>Water content, %(m/m) max. 1</p>
GENERAL DATA	<p>Molecular weight approx. 647</p> <p>Solubility in water good through the gelation stage, after heating the solution becomes turbid</p> <p>Other solvents methyl alcohol and ethyl alcohol, mineral oils</p> <p>Density at 20°C, g/ml approx. 1.06</p> <p>Odour weak, characteristic</p> <p>Solidification point, °C approx. 0</p> <p>Hydrophilic-lipophilic balance (HLB) 12.8</p>
APPLICATION	Non-ionic surfactant used as a component of washing and cleaning agents and as an emulsifier. 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.