

Rokafenol N7

CHEMICAL NAME	Nonylphenol, ethoxylate, 7-11 EO
INCI NAME	Nonoxynol-7
CAS NUMBER	127087-87-0
FUNCTION	Emulsifier, dispersing agent
TECHNICAL REQUIREMENTS	<p>Appearance oily liquid</p> <p>Colour (Hazen units) max. 70</p> <p>pH of 1% solution 5.0 ÷ 7.0</p> <p>Cloud point (butyldiglycol/water solution), °C 66 ÷ 70</p> <p>Water content, %(m/m) max. 1</p>
GENERAL DATA	<p>Molecular weight approx. 528</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. 1.04</p> <p>Odour weak, characteristic</p> <p>Solidification point, °C below 0</p> <p>Hydrophilic-lipophilic balance (HLB) approx. 11.5</p>
APPLICATION	<p>Non-ionic surfactant used as a component of washing and cleaning agents and 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>