

## ROKAfenol N8

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| <b>CHEMICAL NAME</b>          | Nonylphenol, ethoxylated  |
| <b>INCI NAME</b>              | Nonoxynol-8   |
| <b>CAS NUMBER</b>             | 127087-87-0   |
| <b>FUNCTION</b>               | Emulsifier, dispersing agent  |
| <b>TECHNICAL REQUIREMENTS</b> | <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 ..... 48 ÷ 56</p> <p>Water content, %(m/m) ..... max 1</p>  |
| <b>GENERAL DATA</b>           | <p>Molecular weight ..... approx. 616</p> <p>Solubility in water ..... good through the gelation stage,<br/>after heating the solution becomes turbid</p> <p>Other solvents ..... methyl alcohol and ethyl alcohol,<br/>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) ..... approx. 12.5</p> |
| <b>APPLICATION</b>            | Non-ionic surfactant used as a component of washing and cleaning agents and as a component of products for the textile industry. 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.  |