

**PRODUCT TECHNICAL SPECIFICATION**  
**STW: 413/1**

**TRADE NAME**                    **Rokafenol N22/30**

**CHEMICAL NAME**            Aqueous solution of nonylphenylpolyoxyethylene ether

**TECHNICAL REQUIREMENTS**

Appearance .....	colourless or pale yellow liquid
Colour (Hazen units) .....	max 100 (PN-81/C-04534.01, visual method)
pH of 5% solution .....	4.6÷7.4 (PN-EN 1262:2000)
Cloud point (NaCl solution 100 g/l), °C .....	71÷76 (PN-EN 1890:2000, method C)
Water content, %(m/m) .....	73.5÷75.0 (PN-83/C-04523, azeotropic liquid: xylene)

**GENERAL DATA**

Molecular weight .....	approx. 1190
Solubility in water .....	good
Other solvents .....	ethyl alcohol and methyl alcohol
Density at 30 °C, g/ml .....	approx. 1.08
Odour .....	characteristic
Solidification point, °C .....	approx. 5
Hydrophilic-lipophilic balance (HLB) .....	16.2

**APPLICATION**

Non-ionic surfactant used as a component of washing and cleaning agents and as an emulsifier. Rokafenol N22/30 can be used in oxidizing, reducing and hard water environments. It is active in cold water, in an acid and neutral bath, as well as in diluted alkalies. 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.

<b>PACKAGING</b>	Polyethylene drums with a capacity of 120 and 220 litres and other packaging as agreed with the customer.
<b>STORAGE CONDITIONS</b>	Store in a tightly closed container in a roofed area, at a temperature of up to 40°C. Guaranteed period of stability: 12 months from the date of manufacture. After the expiry of this period, the product can be used upon verifying the conformity of its parameters with the technical requirements. In case of non-conformity, application tests should be performed.
<b>TRANSPORT</b>	Limitations resulting from ADR, RID and IMDG regulations do not apply. Covered means of transport recommended.
<b>HAZARD SYMBOL</b>	Irritant (Xi).
<b>R-PHRASES</b>	Irritating to eyes and skin (R 36/38).
<b>S-PHRASES</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S 26). After contact with skin, wash immediately with plenty of water (S 28). Wear suitable gloves and eye/face protection (S 37/39).
<b>NUMBER</b>	STW: 413/1 Rokafenol N22/30
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