

**PRODUCT TECHNICAL SPECIFICATION**  
**STW: 356/1**

**TRADE NAME**                    **Rokafenol N8P14**

**CHEMICAL NAME**            Nonylphenylpolyoxyethylene polyoxypropylene ether

**TECHNICAL REQUIREMENTS**

Appearance ..... opalescent or turbid oily liquid with a straw or pale yellow colour

Cloud point (aqueous solution), °C ..... 19÷22 (PN-EN 1890:2000, method A)

pH of 1% solution ..... 4.6÷7.4 (PN-89/C-04963, potentiometric method, at 20 °C)

Water content, %(m/m) ..... max 1 (PN-ISO 760:2001, direct method, solvent - methanol)

**GENERAL DATA**

Molecular weight ..... approx. 1400

Solubility in water ..... good in cold water

Other solvents ..... low aliphatic alcohols, butyldiglycol

Density at 20 °C, g/ml ..... approx. 1.02

Odour ..... weak, characteristic

Solidification point, °C ..... below 10

**APPLICATION**

Non-ionic surfactant with good wetting properties, aqueous solution surface tension reduction properties and emulsification and dispersion properties. It has low foaming properties. In certain formulations used as an anti-foaming agent and as a dehydration supporter.

Rokafenol N8P14 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. It can be used in a mixture with other non-ionic auxiliary agents and in mixtures with anionic and cationic surface active agents.

<b>PACKAGING</b>	Polyethylene drums with a capacity of 120 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). May cause long-term adverse effects in the aquatic environment (R53).
<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: 356/1 Rokafenol N8P14
<b>DATE</b>	2005.08.17