

PRODUCT TECHNICAL SPECIFICATION
STW: 491/1

TRADE NAME **Rokafenol N8P7**

CHEMICAL NAME Nonylphenylpolyoxyethylene polyoxypropylene ether

TECHNICAL REQUIREMENTS

Appearance oily liquid

Cloud point (aqueous solution), °C 31÷33 (PN-EN 1890:2000, method A)

Colour (Hazen units) max 200 (PN-81/C-04534/01, visual method)

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. 1000

Solubility in water good, after heating the solution becomes turbid

Other solvents low aliphatic alcohols, mineral oils

Density at 20 °C, g/ml approx. 0.96

Odour weak, characteristic

Solidification point, °C below 0

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 it is used as an antifoaming agent. Rokafenol N8P7 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.

PACKAGING	Polyethylene drums with a capacity of 120 litres and other packaging as agreed with the customer.
STORAGE CONDITIONS	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.
TRANSPORT	Limitations resulting from ADR, RID and IMDG regulations do not apply. Covered means of transport recommended.
HAZARD SYMBOL	Irritant (Xi).
R-PHRASES	Irritating to eyes and skin (R 36/38). May cause long-term adverse effects in the aquatic environment (R53).
S-PHRASES	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).
NUMBER	STW: 491/1 Rokafenol N8P7
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