

PRODUCT TECHNICAL SPECIFICATION
STW: 428/1

TRADE NAME **Rokafenol N4**

CHEMICAL NAME Nonylphenylpolyoxyethylene ether

TECHNICAL REQUIREMENTS

Appearance oily liquid

Colour (Hazen units) max 70 (PN-81/C-04534/01, visual method)

pH of 1% solution 5.0÷7.0 (PN-89/C-04963, potentiometric method, at 20 °C)

Cloud point (butyldiglycol/water solution), °C 31÷36 (PN-EN 1890:2000, method E)

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

GENERAL DATA

Molecular weight approx. 400

Solubility in water low, creates emulsion

Other solvents methyl alcohol and ethyl alcohol, mineral oils

Density at 20 °C, g/ml approx. 1.02

Odour weak, characteristic

Biodegradability, % above 80 (OECD)

Solidification point, °C below 0

Hydrophilic-lipophilic balance (HLB) 8.9

APPLICATION

Non-ionic surfactant used as a component of washing and cleaning agents and as an emulsifier.

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.

PACKAGING	Polyethylene drums with a capacity of 120 and 220 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).
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: 428/1 Rokafenol N4
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