

PRODUCT TECHNICAL SPECIFICATION
STW: 354/1

TRADE NAME **Rokafenol N9**

CHEMICAL NAME Nonylphenylpolyoxyethylene ether

TECHNICAL REQUIREMENTS

Appearance	clear or opalescent oily liquid
Colour (Hazen units)	max 70 (PN-81/C-04534/01, visual method)
pH of 1% solution	4.6÷7.4 (PN-89/C-04963, potentiometric method, at 20 °C)
Cloud point (aqueous solution), °C	58÷61 (PN-EN 1890:2000, method A)
Water content, %(m/m)	max 1.0 (PN-ISO 760:2001, direct method, solvent - methanol)

GENERAL DATA

Molecular weight	approx. 647
Solubility in water	good through the gelation stage, after heating the solution becomes turbid
Other solvents	methyl alcohol and ethyl alcohol, mineral oils
Density at 20 °C, g/ml	approx. 1.06
Odour	weak, characteristic
Solidification point, °C	approx. 0
Hydrophilic-lipophilic balance (HLB)	12.8

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: 354/1 Rokafenol N9
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