

PRODUCT TECHNICAL SPECIFICATION
STW: 485/1

TRADE NAME **Rokafenol N30/70**

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 1% solution	4.6÷7.4 (PN-89/C-04963, potentiometric method, at 20 °C)
Cloud point (NaCl solution 100 g/l), °C	73÷79 (PN-EN 1890:2000, method C)
Water content, %(m/m)	29÷31 (MB-0010)

GENERAL DATA

Molecular weight	approx. 1550
Solubility in water	good
Other solvents	ethyl alcohol and methyl alcohol
Density at 25 °C, g/ml	approx. 1.105
Viscosity at 25 °C, mPa·s	approx. 1080
Odour	characteristic
Solidification point, °C	approx. 0
Hydrophilic-lipophilic balance (HLB)	17.8

APPLICATION

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

Rokafenol N30/70 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.

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 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: 485/1 Rokafenol N30/70
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