

PRODUCT TECHNICAL SPECIFICATION
STW: 483/1

TRADE NAME **Rokanol ŁO18**

CHEMICAL NAME Mixture of unsaturated and saturated fatty alcohol polyoxyethylene ether

TECHNICAL REQUIREMENTS

Appearance paste or wax

Colour in iodine scale at 50 °C max 10 (PN-84/C-04534/02, visual method)

pH of 1% solution 5.5÷8.5 (PN-89/C-04963, potentiometric method, at 20 °C)

Cloud point (NaCl solution 100 g/l), °C 74÷79 (PN-EN 1890:2000, method C)

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

Polyethylene glycols ^{*)}, %(m/m) max 2.5 (LA/2057)

Base value ^{*)}, mg KOH/g max 2.5 (MB-0005)

^{*)} - made on customer's request

GENERAL DATA

Molecular weight approx. 1100

Solubility in water good

Other solvents low aliphatic alcohols, benzene

Density at 40 °C, g/ml approx. 0.95

Odour slight

Solidification point, °C approx. 35

Hydrophilic-lipophilic balance (HLB) approx. 16.3

APPLICATION

Rokanol ŁO18 is used as a component of washing agents. It features dye and pigment dispersing properties. It has very good mineral spirits, kerosene, xylene, plant and animal fat emulsifying power.

Rokanol ŁO18 can be used in oxidizing, reducing and hard water environments. It is active in warm water, in an acid and neutral bath, as well as in diluted alkalis. 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 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: 483/1 Rokanol ŁO18
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