

PRODUCT TECHNICAL SPECIFICATION
STW: 437/2

TRADE NAME **Rokanol L10/80**

CHEMICAL NAME Aqueous solution of lauryl alcohol polyoxyethylene ether

TECHNICAL REQUIREMENTS

Appearance 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 (NaCl solution 100 g/l), °C 58÷63 (PN-EN 1890 2000, method C)

Water content, %(m/m) 19÷23 (PN-83/04523, azeotropic liquid: xylene)

GENERAL DATA

Molecular weight approx. 640

Solubility in water good

Other solvents low aliphatic alcohols, acetic acid

Density at 35 °C, g/ml approx. 1.02

Odour slight

Solidification point, °C approx. 10

Hydrophilic-lipophilic balance (HLB) 14.1

APPLICATION

Rokanol L10/80 is used as a wetting agent, non-ionic component of emulsifiers and dispersing agent for cosmetics, creams and milk cosmetics. It is also used as a component of washing powders, as well as of washing and cleaning agents. Rokanol L10/80 aqueous solutions are resistant to acids, hard water and partly to alkalis. It can be mixed with non-ionic, cationic and anionic agents both in water-free environments and in aqueous solutions.

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 50 °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: 437/2 Rokanol L10/80
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