

PRODUCT TECHNICAL SPECIFICATION
STW: 456/1

TRADE NAME **Rokanol L4**

CHEMICAL NAME Polyoxyethylene ether of lauryl alcohol

TECHNICAL REQUIREMENTS

Appearance clear or slightly turbid liquid

Colour (Hazen units) at 40 °C 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 (butyldiglycol/water solution), °C 59÷63 (PN-EN 1890 2000, method E)

Water content, %(m/m) max 0.5 (PN-ISO 760:2001, direct method, solvent - methanol)

GENERAL DATA

Molecular weight approx. 370

Solubility in water low, creates turbid solutions

Other solvents low aliphatic alcohols, acetone

Density at 50 °C, g/ml 0.91

Odour weak, characteristic

Solidification point, °C approx. 8

Hydrophilic-lipophilic balance (HLB) 10.0

APPLICATION

Rokanol L4 aqueous solutions are resistant to acids, hard water and partly to alkalies. It can be mixed with non-ionic, cationic and anionic agents both in water-free environments and in aqueous solutions.

Rokanol L4 is used for the production of anionic surface active agents, as a non-ionic component of emulsifiers, washing-up liquids, pharmaceutical preparations, cleaning agents and lubricants.

PACKAGING	Polyethylene drums with a capacity of 120 and 220 litres, cisterns or tanker vehicles with a heating coil 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: 456/1 Rokanol L4
DATE	2005.10.27