

## PRODUCT TECHNICAL SPECIFICATION

STW: 426/1

### TRADE NAME

**Rokanol LK3**

### CHEMICAL NAME

Polyoxyethylene ether of lauryl alcohol

### TECHNICAL REQUIREMENTS

Appearance ..... liquid or paste  
Colour (Hazen units) at 40 °C ..... max 50 (PN-81/C-04534/01, visual method)  
pH of 1% solution ..... 4.6÷7.4 (PN-89/C-04963, potentiometric method, at 20 °C)  
Hydroxyl value, mgKOH/g ..... 170÷180 (PN-88/C-04838, method B)  
Water content, %(m/m) ..... max 0.3 (PN-ISO 760:2001, direct method, solvent - methanol)

### GENERAL DATA

Molecular weight ..... approx. 330  
Solubility in water ..... low, creates turbid solutions  
Other solvents ..... low aliphatic alcohols  
Density at 20 °C, g/ml ..... approx. 0.93  
Odour ..... weak, characteristic  
Solidification point, °C ..... approx. 5  
Hydrophilic-lipophilic balance (HLB) ..... 7.8

### APPLICATION

Rokanol LK3 is a non-ionic surfactant used in various cleaning and washing agents, usually as one of components together with other non-ionic or anionic or cationic surface active agents.  
Rokanol LK3 can be used in oxidizing, reducing and hard water environments. It is active in an acid and neutral bath, as well as in diluted alkalis. It is mainly used for the production of ethersulphates.

<b>PACKAGING</b>	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.
<b>STORAGE CONDITIONS</b>	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.
<b>TRANSPORT</b>	Limitations resulting from ADR, RID and IMDG regulations do not apply. Covered means of transport recommended.
<b>HAZARD SYMBOL</b>	Irritant (Xi).
<b>R-PHRASES</b>	Irritating to eyes and skin (R 36/38).
<b>S-PHRASES</b>	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).
<b>NUMBER</b>	STW: 426/1 Rokanol LK3
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