

PRODUCT TECHNICAL SPECIFICATION
STW: 445/1

TRADE NAME **Rokanol O100**

CHEMICAL NAME Polyoxyethylene ether of oleyl alcohol

TECHNICAL REQUIREMENTS

Appearance white to cream wax

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

Solidification point, °C 48÷54 (PN-84/C-04508)

Viscosity of 50% solution at 50 °C, mPa·s 100÷500 (PN-86/C-89408, Höppler viscosimeter)

GENERAL DATA

Molecular weight approx. 4600

Solubility in water good

Other solvents low aliphatic alcohols, acetone, benzene

Density at 60 °C, g/ml approx. 1.0

Odour slight

Flash-point, °C above 220

Hydrophilic-lipophilic balance (HLB) 18.8

APPLICATION

Non-ionic surfactant used mainly as a thickening agent and a component for the production of fatliquors.

Rokanol O100 can be used in a mixture with other non-ionic auxiliary agents and in mixtures with anionic and cationic surface active agents. It is active in an acid and neutral bath, as well as in diluted alkalies.

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: 445/1 Rokanol O100
DATE	2005.11.14