

PRODUCT TECHNICAL SPECIFICATION
STW: 424/1

TRADE NAME	Rokanol DB3
CHEMICAL NAME	Polyoxyethylene ether of synthetic fatty alcohol
TECHNICAL REQUIREMENTS	<p>Appearance liquid or paste colourless or with astraw colour</p> <p>Colour (Hazen units) at 40 °C max 70 (PN-81/C-04534/01, visual method)</p> <p>pH of 1% solution 4.6÷7.4 (PN-89/C-04963, potentiometric method, at 20 °C)</p> <p>Hydroxyl value, mgKOH/g 164÷172 (PN-88/C-04838, method B)</p> <p>Water content, %(m/m) max 0.3 (PN-ISO 760:2001, direct method, solvent - methanol)</p>
GENERAL DATA	<p>Molecular weight approx. 330</p> <p>Solubility in water low, creates emulsion</p> <p>Other solvents low aliphatic alcohols</p> <p>Density at 20 °C, g/ml approx. 0.93</p> <p>Odour weak, characteristic</p> <p>Solidification point, °C approx. 10</p> <p>Hydrophilic-lipophilic balance (HLB) 7.8</p>
APPLICATION	<p>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.</p> <p>Rokanol DB3 can be used in oxidizing, reducing and hard water environments. It is active in cold water, in an acid and neutral bath, as well as in diluted alkalies.</p>

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: 424/1 Rokanol DB3
DATE	2005.10.20