

PRODUCT TECHNICAL SPECIFICATION
STW: 317/1

TRADE NAME **Polikol 300**

CHEMICAL NAME Polyoxyethylene glycol

TECHNICAL REQUIREMENTS

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| Appearance | liquid |
| Colour (Hazen units) | max 100 (PN-81/C-04534/01, visual method) |
| Hydroxyl value, mg KOH/g | 360÷390 (PN-86/C-04838, method B) |
| pH of 10% solution | 4.6÷7.4 (PN-89/C-04963, potentiometric method, at 20 °C) |
| Water content, %(m/m) | max 1 (PN-ISO 760:2001, direct method, solvent - methanol) |

GENERAL DATA

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| Molecular weight | approx. 300 |
| Solubility in water | good |
| Other solvents | low aliphatic alcohols, diethyl ether, chloroform |
| Density at 20 °C, g/ml | approx. 1.13 |
| Odour | slight |
| Solidification point, °C | below 0 |
| Flash-point, °C | above 137 |

APPLICATION Softening and antielectrostatic agent used in the textile industry.

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| 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 | Not applicable. |
| R-PHRASES | No R-phrases. |
| S-PHRASES | No S-phrases. |
| NUMBER | STW: 317/1 Polikol 300 |
| DATE | 2005.08.23 |