

## POLIKOL 300

<b>CHEMICAL NAME</b>	Polyoxyethylene glycol
<b>INCI NAME</b>	PEG-6
<b>CAS NUMBER</b>	25322-68-3
<b>FUNCTION</b>	Emulsifier, wetting agent, dispersing agent
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance at temperature (20÷25)°C ..... liquid</p> <p>Colour (Hazen units) at (20÷25)°C ..... max 30</p> <p>Hydroxyl value, mgKOH/g ..... 360 ÷ 390</p> <p>pH of 10% solution ..... 4.6 ÷ 7.4</p> <p>Water, % (m/m) ..... max 0.5</p>
<b>GENERAL DATA</b>	<p>Molecular weight, g/mol ..... approx. 300</p> <p>Solubility in water ..... good</p> <p>Other solvents ..... low aliphatic alcohols, diethyl ether, chloroform</p> <p>Density at 20°C, g/mL ..... approx. 1.13</p> <p>Odour ..... slight</p> <p>Solidification point, °C ..... below 0</p> <p>Flash point, °C ..... over 137</p>
<b>APPLICATION</b>	Polyoxyethylene glycol with softening, lubricating, wetting and antistatic properties in many applications.