

## POLIKOL 4500

<b>CHEMICAL NAME</b>	Polyoxyethylene glycol
<b>INCI NAME</b>	PEG-100
<b>CAS NUMBER</b>	25322-68-3
<b>FUNCTION</b>	Emulsifier, wetting agent
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance .....white to pale yellow wax</p> <p>pH of 10% solution .....4.6 ÷ 7.4</p> <p>Hydroxyl value, mgKOH/g .....23 ÷ 28</p> <p>Water, %m/m .....max 1.0</p>
<b>GENERAL DATA</b>	<p>Solubility in water .....good</p> <p>Other solvents..... methanol, ethanol, ethylene glycol</p> <p>Density at 70°C, g/ml .....approx. 1.08</p> <p>Solidification point, °C .....approx. 55</p> <p>Flash point, °C .....above 220</p> <p>Odour..... weak, characteristic</p> <p>Molecular weight.....approx. 4500</p>
<b>APPLICATION</b>	Softening and antielectrostatic agent used in household chemicals, ceramics, paper, cosmetic and metal sectors.