

## POLIKOL 800

<b>CHEMICAL NAME</b>	Polyoxyethylene glycol
<b>INCI NAME</b>	PEG-16
<b>CAS NUMBER</b>	25322-68-3
<b>FUNCTION</b>	Emulsifier, wetting agent
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance at temperature (20÷25)°C.....paste or solid</p> <p>Colour of 25% water solution (Hazen units) at (20÷25)°C.....max 30</p> <p>Hydroxyl value, mgKOH/g .....132 ÷ 148</p> <p>pH of 10% solution .....5.0 ÷ 7.5</p> <p>Water, %m/m .....max 0.5</p> <p>Molecular weight, g/mol .....750 ÷ 850</p>
<b>GENERAL DATA</b>	<p>Solubility in water .....good</p> <p>Other solvents .....low aliphatic alcohols, ethylene glycol and propylene glycol</p> <p>Density at 40°C, g/mL .....approx. 1.11</p> <p>Odour .....slight</p> <p>Solidification point, °C .....approx. 30</p>
<b>APPLICATION</b>	Polyoxyethylene glycol with softening, lubricating, wetting and antistatic properties in many applications.