

POLikol 400

CHEMICAL NAME	Polyoxyethylene glycol
INCI NAME	PEG-8
CAS NUMBER	25322-68-3
FUNCTION	Emulsifier, wetting agent, dispersing agent
TECHNICAL REQUIREMENTS	<p>Appearance liquid</p> <p>Colour (Hazen units) max. 30</p> <p>Hydroxyl value, mgKOH/g 270 ÷ 300</p> <p>pH of 10% solution 4.6 ÷ 7.4</p> <p>Water content, %m/m max. 0.5</p>
GENERAL DATA	<p>Molecular weight, g/mol approx. 400</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 approx. 5</p> <p>Flash point, °C over 150</p>
APPLICATION	<p>Polyethylene glycol for cosmetic use. The product also exhibits softening, lubricating, moisturizing and anti-static in industrial applications. It can be used as an additive for production of food packaging or food contacting materials.</p> <p>Product is allowed to be used as an indirect food contact additive based on list published by Food and Drugs Agency (FDA).</p> <p>FDA lists:</p> <p>175.105</p> <p>175.210</p> <p>176.180</p> <p>176.200</p> <p>Please notice that product is allowed to be used according to its definition and specification, in amounts not higher than established by organization.</p>

