

## Polikol 8000 flakes

<b>CHEMICAL NAME</b>	Polyoxyethylene glycol
<b>INCI NAME</b>	PEG-180
<b>CAS NUMBER</b>	25322-68-3
<b>FUNCTION</b>	Emulsifier, wetting agent
<b>TECHNICAL REQUIREMENTS</b>	<p>Appearance ..... solid wax in the form of white to pale yellow flakes</p> <p>Appearance of 10% solution ..... homogeneous, clear liquid</p> <p>pH of 10% solution ..... 4.6 ÷ 7.4</p> <p>Hydroxyl value, mgKOH/g ..... 12 ÷ 16</p> <p>Water content, %m/m ..... max. 1.0</p>
<b>GENERAL DATA</b>	<p>Solubility in water ..... good</p> <p>Other solvents ..... methanol, ethanol</p> <p>Solidification point, °C ..... approx. 55</p> <p>Boiling point, °C ..... above 250 boiling causes decomposition</p> <p>Flash-point, °C ..... above 250</p> <p>Molecular weight ..... approx. 8000</p> <p>Odour ..... weak, characteristic</p>
<b>APPLICATION</b>	Softening and antielectrostatic agent used in household chemicals, ceramics, paper, cosmetic and metal sectors.