

Cosphaderm® Octiol is a pure and colourless glycol. It is used as a moisturizer and Humectant for both skin care and hair care formulations. Static light scattering experiments have shown that Cosphaderm® Octiol can also be used to stabilize o/w emulsions by droplet size reduction. Another property of caprylyl glycol is its pH-independent antimicrobial activity. It further shows remarkable synergistic effects in combination with other antimicrobial substances, making it possible to minimize the total amount of combined preserving agents.

- Shows remarkable synergistic effect in combination with other antimicrobial substances
- pH-independent
- Increases emulsion stability by 20% at application concentration of 0.6%



16128

## ISO 16128

Natural Index	0
Natural Origin Index	0

<b>INCI-Name</b>	Caprylyl Glycol						
<b>Source</b>	Synthetic						
<b>Efficacy Spectrum</b>	<table> <tr> <td><b>Bacteria:</b></td><td>●</td></tr> <tr> <td><b>Yeast:</b></td><td>●</td></tr> <tr> <td><b>Mould:</b></td><td>◐</td></tr> </table>	<b>Bacteria:</b>	●	<b>Yeast:</b>	●	<b>Mould:</b>	◐
<b>Bacteria:</b>	●						
<b>Yeast:</b>	●						
<b>Mould:</b>	◐						
<b>pH-range</b>	pH independent -						
<b>Recommended concentration [%]</b>	0.30 - 0.50						
<b>Substance Class</b>	Diols						
<b>Function</b>	<ul style="list-style-type: none"> <li>• Humectant</li> <li>• Skin conditioning</li> <li>• Emollient</li> <li>• Antimicrobial</li> <li>• Deodorant</li> </ul>						
<b>Type of Formulation</b>	<ul style="list-style-type: none"> <li>• Waterfree</li> <li>• Water-Based</li> <li>• O/W</li> <li>• W/O</li> </ul>						
<b>Solubility</b>	<ul style="list-style-type: none"> <li>• Water-dispersible</li> <li>• Oil-soluble</li> </ul>						
<b>Appearance</b>	Solid						
<b>Colour</b>	White						
<b>Odour</b>	Characteristic						
<b>Combinable Products</b>	<ul style="list-style-type: none"> <li>• Cosphagard® Elbe</li> <li>• Cosphaderm® AS</li> <li>• Cosphaderm® Hexiol</li> </ul>						
<b>Item No.</b>	02-006-xxxx						
<b>CAS No.</b>	<ul style="list-style-type: none"> <li>• 1117-86-8</li> </ul>						