

Cosphaderm® GMCY is a high purity ester of glycerine and caprylic acid with at least 88 % monoester content, Produced from natural sources, it is a readily biodegradable ingredient used in cosmetic and food industry applications for its emollient and emulsifying as well as moisturising, wetting and refatting properties, Cosphaderm® GMCY also provides a strong antimicrobial efficacy against bacteria and yeasts across a pH range from 3,5 to 7,5,

### Benefits:

- Multifunctional with emollient, emulsifying, moisturising, wetting and refatting properties
- High monoester content
- Strong antimicrobial efficacy against bacteria and yeasts over a wide pH range up to 7.5



16128

### ISO 16128

Natural Index	0
Natural Origin Index	1

<b>INCI name</b>	Glyceryl Caprylate						
<b>Source</b>	Vegetable oil (contains palm kernel oil)						
<b>Efficacy Spectrum</b>	<table border="0"> <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>	3,5 - 7,5						
<b>Recommended concentration [%]</b>	0,30 - 0,70						
<b>Substance Class</b>	Ester						
<b>Function</b>	<ul style="list-style-type: none"> <li>• Antimicrobial</li> <li>• Emollient</li> <li>• Emulsifying</li> <li>• Skin conditioning</li> </ul>						
<b>Type of Formulation</b>	<ul style="list-style-type: none"> <li>• O/W</li> <li>• Surfactant-based</li> <li>• W/O</li> <li>• Water-based</li> <li>• Waterfree</li> </ul>						
<b>Solubility</b>	<ul style="list-style-type: none"> <li>• Oil soluble</li> <li>• Water-dispersible</li> </ul>						
<b>Appearance</b>	Waxy solid						
<b>Colour</b>	White to cream-coloured						
<b>Odour</b>	Mild, characteristic						
<b>Combinable products</b>	<ul style="list-style-type: none"> <li>• Cosphaderm® Octiol</li> <li>• Cosphaderm® GMUD</li> <li>• Cosphaderm® Pentiol natural</li> <li>• Cosphaderm® CHA</li> </ul>						
<b>Item No.</b>	01-003-xxxx						
<b>CAS No.</b>	26402-26-6						

*Disclaimer: This product overview is for informational purposes only and does not constitute an official Technical Data Sheet (TDS). For detailed specifications and further information, please contact our sales team at [info@cosphatec.com](mailto:info@cosphatec.com).*