

Cosphaderm® GMUD is made from natural undecylenic acid linked to plant-based glycerol, It is a natural multifunctional compound with emollient, emulsifying and skin conditioning properties, Additionally, it can support antimicrobial product protection approaches with its mild surface activity and corresponding disruption of the microorganism's membrane integrity, As an antimicrobial multifunctional, it is especially effective against yeasts and moulds,

### Benefits:

- Multifunctional with emollient, emulsifying, moisturising, wetting and refatting properties
- Strong antimicrobial efficacy against yeasts and moulds across a broad pH range up to 7.5
- Can be applied in both oil and water phase



16128

### ISO 16128

Natural Index	0
Natural Origin Index	1

<b>INCI name</b>	Glyceryl undecylenate						
<b>Source</b>	Vegetable oil (contains palm 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>	0,10 - 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® Pentiol natural</li> <li>• Cosphaderm® Octiol</li> <li>• Cosphaderm® LA-T</li> <li>• Cosphaderm® GMCY</li> </ul>						
<b>Item No.</b>	01-005-xxxx						
<b>CAS No.</b>	123759-97-7						

*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).*