

# COSPHADERM® PROPANEDIOL

## NATURAL PALM FREE

NEW

Cosphatec

Cosphaderm® Propanediol natural palm free is a pure, transparent and colourless diol. Its polar character allows unlimited water-solubility. This property is highly relevant to its popular cosmetic use as a moisturizer and humectant. As a non-sticky alternative to glycerol, it can also be applied as an emollient or solvent. Produced by fermentation of corn and used as a substitute for propylene glycol, it is an ideal solution for creating formulations without petrochemical or palm oil ingredients. At the same time, it can help to protect a formulation from uncontrolled microbial growth by boosting the efficiency of the preservative system.

- palm oil-free
- Unlimited water-solubility
- Multifunctional with solubilizing, moisturizing and antimicrobial properties
- pH-independent
- Booster for a Preservative system



COSMOS  
APPROVED



16128

ISO 16128

Natural Index	0
Natural Origin Index	1

<b>INCI-Name</b>	Propanediol
<b>Source</b>	Corn
<b>Efficacy Spectrum</b>	<b>Bacteria:</b> <input type="radio"/> <b>Yeast:</b> <input type="radio"/> <b>Mould:</b> <input type="radio"/>
<b>pH-range</b>	pH independent -
<b>Recommended concentration [%]</b>	1.00 - 5.00
<b>Substance Class</b>	Diols
<b>Function</b>	<ul style="list-style-type: none"><li>• Humectant</li><li>• Solvent</li><li>• Viscosity control</li><li>• Antimicrobial</li></ul>
<b>Type of Formulation</b>	<ul style="list-style-type: none"><li>• W/O</li><li>• Surfactant Based</li><li>• Water-Based</li><li>• O/W</li></ul>
<b>Solubility</b>	<ul style="list-style-type: none"><li>• Water-soluble</li></ul>
<b>Appearance</b>	Clear liquid
<b>Colour</b>	Colourless
<b>Odour</b>	Odourless, very slightly alcoholic
<b>Combinable Products</b>	<ul style="list-style-type: none"><li>• Cosphaderm® Pentiol natural</li><li>• Cosphaderm® Octiol</li><li>• Cosphaderm® Magnolia Extract 98</li></ul>
<b>Item No.</b>	01-024-xxxx
<b>CAS No.</b>	<ul style="list-style-type: none"><li>• 504-63-2</li></ul>