COSPHADERM® PROPANEDIOL NATURAL PALM FREE

Cosphatec

Cosphaderm® Propanediol natural palm free is a clear, colourless diol with excellent polarity, resulting in complete solubility in water, This makes it a versatile ingredient for cosmetic formulations, where it is valued as a moisturising and humectant component,
Serving as a non-tacky alternative to glycerine, it may also be used as an emollient or solvent to optimise formulation performance, Manufactured via fermentation of corn-derived raw materials and applied as a substitute for propylene glycol, Cosphaderm® Propanediol natural palm free enables the creation of cosmetic products free from petrochemical and palm oil-derived ingredients, In addition, it supports preservation concepts by increasing preservative efficiency and contributing to the control of microbial growth,

Benefits:

- Palm oil free
- Unlimited water solubility
- Multifunctional profile with solubilising, moisturising and antimicrobial properties
- Acts as a pH-independent preservative booster
- Increases emulsion stability through particle size reduction

Verified by ECOCERT COSMOS APPROVED · HALAL · K · WWW.NATRUE.ORG · NON GMO · VEGAN

ISO 16128

ISO 16128	
Natural Index	0
Natural Origin Index	1

INCI name	Propanediol
Source	Corn
Efficacy Spectrum	**Bacteria:** ◐ **Yeast:** ◐ **Mould:** ◐
Recommended concentration [%]	1,00 - 5,00
Substance Class	Diols
Function	• Antimicrobial • Humectant • Solvent • Viscosity control
Type of Formulation	• O/W • Surfactant-based • W/O • Water-based
Solubility	• Water-soluble
Appearance	Clear liquid
Colour	Colourless
Odour	Odourless, minimally alcoholic
Combinable products	• Cosphaderm® Pentiol natural • Cosphaderm® Octiol • Cosphaderm® Magnolia Extract 98
Item No.	01-024-xxxx
CAS No.	504-63-2

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.

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