

COSPHADERM® HEPTIOL NATURAL

Cosphatec

Cosphaderm® Heptiol natural is a pure and colourless diol with a water-solubility of up to 1%. It is used as a moisturizer and Humectant for both skin care and hair care formulations. Static light scattering experiments have shown that Cosphaderm® diols can also be used to stabilize o/w emulsions by droplet size reduction. Another property of 1,2-heptanediol 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.

- Water-soluble up to 1%
- Appealing 1,2-alkanediol INCI
- Shows remarkable synergistic effect in combination with other antimicrobial substances -pH-independent



COSMOS
APPROVED



16128

ISO 16128

Natural Index	0
Natural Origin Index	1

INCI-Name	1,2-Heptanediol
Source	Castor oil
Efficacy Spectrum	Bacteria: ● Yeast: ● Mould: ○
pH-range	pH independent -
Recommended concentration [%]	0.80 - 1.00
Substance Class	Diols
Function	<ul style="list-style-type: none">• Antimicrobial• Humectant• Solvent
Type of Formulation	<ul style="list-style-type: none">• O/W• W/O• Surfactant Based• Waterfree• Water-Based
Solubility	<ul style="list-style-type: none">• Water-soluble
Appearance	Clear liquid
Colour	Colourless
Odour	Odourless or faint
Combinable Products	<ul style="list-style-type: none">• Cosphaderm® Magnolia Extract 98• Cosphaderm® Zinc Lactate natural• Cosphaderm® GMUD• Cosphaderm® GMCY• Cosphaderm® pAS natural
Item No.	01-022-xxxx
CAS No.	<ul style="list-style-type: none">• 3710-31-4