

COSPHADERM® OCTIOL NATURAL

Cosphatec

Cosphaderm® Octiol natural is a pure and colourless glycol. It is used as a moisturizer and Humectant for both skin care and hair care formulations. Static light scattering experiments have shown that Cosphaderm® Octiol natural can also be used to stabilize o/w emulsions by droplet size reduction. Another property of caprylyl glycol 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.

- Shows remarkable synergistic effect in combination with other antimicrobial substances
- pH-independent
- Increases emulsion stability by 20% at application concentration of 0.6%



COSMOS
APPROVED



16128

ISO 16128

Natural Index	0
Natural Origin Index	1

INCI-Name Caprylyl Glycol

Source Oil palm

Efficacy Spectrum

Bacteria:	●
Yeast:	●
Mould:	○

pH-range pH independent -

Recommended concentration [%] 0.30 - 0.50

Substance Class Diols

Function

- Antimicrobial
- Deodorant
- Humectant
- Skin conditioning
- Emollient

Type of Formulation

- O/W
- W/O
- Surfactant Based
- Waterfree
- Water-Based

Solubility

- Water-dispersible
- Oil-soluble

Appearance Solid

Colour White

Odour Characteristic

Combinable Products

- Cosphaderm® Magnolia Extract 98
- Cosphaderm® Zinc Lactate natural
- Cosphaderm® pAS natural

Item No. 01-018-xxxx

CAS No. • 1117-86-8