

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	<ul style="list-style-type: none"> • Antimicrobial • Deodorant • Humectant • Skin conditioning • Emollient
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-dispersible • Oil-soluble
Appearance	Solid
Colour	White
Odour	Characteristic
Combinable Products	<ul style="list-style-type: none"> • Cosphaderm® Magnolia Extract 98 • Cosphaderm® Zinc Lactate natural • Cosphaderm® pAS natural
Item No.	01-018-xxxx
CAS No.	• 1117-86-8