

COSPHADERM® OCTIOL

Cosphatec

Cosphaderm® Octiol is a pure, colourless diol that functions as a moisturising and humectant ingredient in skin care and hair care products, Its contribution to emulsion stability has been demonstrated by static light scattering experiments, which show effective droplet size reduction in O/W systems,

Caprylyl glycol is further characterised by strong, pH-independent antimicrobial activity, In combination with other antimicrobial substances, Cosphaderm® Octiol delivers pronounced synergistic effects, enabling a reduction in the total amount of preservatives used in cosmetic formulations,

Benefits:

- Synergistic antimicrobial action in preservative systems
- pH-independent product protection
- Improves emulsion stability by reducing the particle size



16128

ISO 16128

Natural Index	0
Natural Origin Index	0

INCI name Caprylyl Glycol

Source Synthetic

Efficacy Spectrum

Bacteria:	●
Yeast:	●
Mould:	◐

Recommended concentration [%] 0,30 - 0,50

Substance Class Diols

Function

- Antimicrobial
- Deodorant
- Emollient
- Humectant
- Skin conditioning

Type of Formulation

- O/W
- W/O
- Water-based
- Waterfree

Solubility

- Oil soluble
- Water-dispersible

Appearance Solid

Colour White

Odour Characteristic

Combinable products

- Cosphaderm® AS
- Cosphaderm® Hexiol

Item No. 02-006-xxxx

CAS No. 1117-86-8

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.