COSPHADERM® CHA

Cosphatec

Cosphaderm® CHA is the hydroxamic acid derivative of caprylic acid, This natural organic acid functions as both a chelating agent and an antimicrobial, demonstrating strong efficacy against a broad spectrum of microorganisms, particularly yeasts and moulds, In contrast to many other organic acids, Cosphaderm® CHA remains undissociated at neutral pH and is therefore effective across a broad pH range of up to pH 7.5, The combination of chelating and antimicrobial properties enables Cosphaderm® CHA to stabilise cosmetic formulations against metal ion-induced oxidation while simultaneously providing protection against microbial contamination,

Benefits:

- Booster for preservation systems through chelation of essential trace elements
- Strong antimicrobial efficacy up to a pH value of 7.5
- Transparent water-soluble

ISO 16128

Natural Index	0
Natural Origin Index	1

INCI name	Caprylhydroxamic Acid
Source	Coconut
Efficacy Spectrum	**Bacteria:** ● **Yeast:** ● **Mould:** ●
pH-range	4 - 7,5
Recommended concentration [%]	0,05 - 0,30
Substance Class	Organic acids
Function	• Antimicrobial • Chelation
Type of Formulation	• O/W • Surfactant-based • W/O • Water-based • Waterfree
Solubility	• Water-soluble
Appearance	Crystalline powder
Colour	White to cream-coloured
Odour	Characteristic
Combinable products	• Cosphaderm® Sodium LAAS • Cosphaderm® GMCY
Item No.	02-003-xxxx
CAS No.	7377-03-9

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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