

Cosphaderm® CHA is the hydroxamic acid of caprylic acid. The natural organic acid is a chelator and antimicrobial with a strong efficacy against a broad spectrum of microorganisms, especially yeasts and moulds. In contrast to other organic acids, Cosphaderm® CHA remains undissociated even at neutral pH and is therefore applicable over a broad pH range up to pH 7.5. The combination of chelating and antimicrobial properties in one molecule allows for use of Cosphaderm® CHA for stabilization of cosmetic formulations against metal ion-induced oxidation and protection against microorganisms at the same time.

- Boosts Preservative systems by chelation of essential trace elements
- Strong antimicrobial efficacy up to pH 7.5
- Water-soluble



16128

ISO 16128

Natural Index	0
Natural Origin Index	1

INCI-Name Caprylhydroxamic Acid

Source Coconut

Efficacy Spectrum

Bacteria:	●
Yeast:	●
Mould:	●

pH-range 4.0 - 7.5

Recommended concentration [%] 0.05 - 0.30

Substance Class Organic Acids

Function

- Antimicrobial
- Chelating

Type of Formulation

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

Solubility • Water-soluble

Appearance Crystalline powder

Colour White to off-white

Odour Characteristic

Combinable Products

- Cosphaderm® Sodium LAAS
- Cosphaderm® GMCY

Item No. 02-003-xxxx

CAS No. • 7377-03-9