

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**

<b>Bacteria:</b>	●
<b>Yeast:</b>	●
<b>Mould:</b>	●

**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