

TECHNICAL DATA SHEET

Elix-KON ELA

INCI Ethyl lauroyl arginate HCl

CAS 60372-77-2



SPECIFICATIONS

Appearance	White powder
pH (1% aqueous solution)	3.0 – 5.0
Assay (%)	97.0 min.
Water content (%)	5.0 max.

GENERAL INFORMATION

Elix-KON ELA is a cationic surfactant that shows a broad spectrum of activity against Gram-positive and Gram-negative bacteria, yeasts and molds.

Due to its cationic structure, the performance of Elix-KON ELA can be influenced in the presence of anionic compounds.

Elix-KON ELA can be used in a wide range of cosmetic products.

FORMULATION AND RECOMMENDATIONS

Recommended concentration

It is safe to add 0.15% of Elix-KON ELA as a preservative in mouthwash.

- Concentration in cosmetics (except lip make up, oral hygiene products and spray) = 0.4%
- Concentration in soap, anti-dandruff shampoo and non-spray deodorant = 0.8%

Solubility

Freely soluble in water, ethanol, propylene glycol and glycerol

Do not use for children under the age of 10.

EFFICACY

Elix-KON EL is effective against bacteria, yeast and molds, at a low dosage level.

BENEFITS

- Can be used in ECOCERT/COSMOS formulations
- Easy to handle
- Good efficacy against bacteria, yeast and molds
- Stable and effective over a wide pH range

APPLICATIONS

Cosmetics

- Skin Care
- Hair Care
- Oral Care
- Makeup
- Toiletries
- Baby Care
- Sun Care

SHELF LIFE

18 months under proper storage conditions