CONNECT TO BEAUTY

ETHYL LAUROYL ARGINATE

INCI	Ethyl lauroyl arginate HCL
CAS	60372-77-2

SPECIFICATIONS

Appearance	White powder
pH	3.0 – 5.0 (1% aqueous solution)
Assay (%)	min. 97
Water Content □	5.0%

GENERAL INFORMATION

Ethyl lauroyl arginate HCl is used as a preservative. It is also a cationic surfactant that shows a wide spectrum of activity against Gram-positive and Gram-negative bacteria, yeasts and molds. It acts on cell membranes and the cytoplasm and inhibits the growth of populations. In no case has celllysis been observed under the conditions studied. It can be used in a wide range of products.

FORMULATION & RECOMMENDATIONS

Dosage level

Recommended concentration
It is safe to add 0.15% as a preservative in mouth wash.
Concentration in cosmetics (except lip makeup, 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.

BENEFITS

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

EFFICACY

Effective against fungi and yeasts, offers higher antimicrobial effects al low dosage level

APPLICATIONS

Cosmetics

- Skin care
- Hair care
- Oral care
- Baby care
- Toiletries
- Make-up
- Sun care

PACKAGING & SHELF LIFE

Available packaging
5 kg plastic bag, 25 kg drum

Shelf life
18 months under proper storage conditions

REGULATORY

ECOCERT/COSMOS	Allowed
NATRUE	Allowed

Approved by ECOCERT RAW MATERIAL COSMOS APPROVED

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