Sinerga
SKIN EVOLUTION

LAUROAT EC

Soft touch for sensitive skin

PRESERVATIVE FREE

COSMOS APPROVED

FOCUS INFO

INCI NAME

Sodium Lauroyl Oat Amino Acids

SPECIFICATIONS

Appearance:	liquid from clear to slightly opalescent
Color:	from colorless to pale yellow
Odor:	odorless
Dry residue (at 105°):	28 - 32%
pH:	7.0 - 8.0
Suggested dosage:	5% - 20%

COSMETIC APPLICATIONS

- Sensitive skin
- Baby care formulations
- High quality toiletries
- Frequent use cleansers

VEGETABLE ORIGIN

SAFE PROFILE

DESCRIPTION

Lauroat EC is a **functional anionic surfactant** derived from lauric acid and oat amino acids.

As the external part of oat grain is particularly rich in vitamins, lipids and other functional substances, oat-based products have moisturizing, emollient, protective and soothing properties.

Thanks to its lipoaminoacidic structure, Lauroat EC effectively **protects the hydrolipidic film** of the skin, avoiding the undesired effects of traditional surfactants and **without altering its physiological moisture.**

PROPERTIES

- Extremely mild on the skin
- Emollient
- Cosmos certified
- China approved

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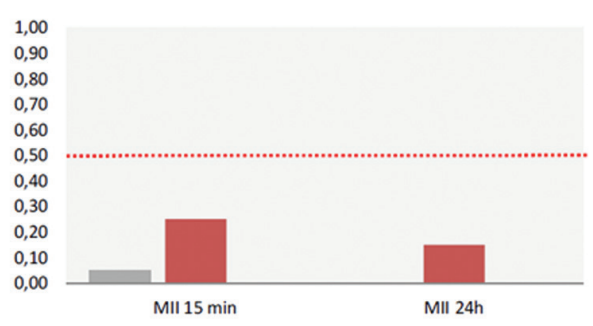
LAUROAT EC

EFFICACY TEST

Compared assessment of dermal compatibility (irritation potential) of two surfactants, Lauroat and Cocamidopropyl Betaine, and water.
Test substances have been tested in a single application by a closed patch epicutaneous assay.

- Lauroat
- Amphotensid B4/C
- Acqua depurata / Purified water



RESULTS

The calculation of Mean Irritation Index demonstrated that Lauroat EC is consistently less aggressive than Cocamidopropyl Betaine.
Lauroat EC does neither irritate nor sensitize skin and respects the integrity of the cutaneous barrier.

3 MILKS DELICATE BODY WASH

LSIN 7133*

INGREDIENTS	PHASE	%w/w
Aqua/Water	A	51.96
Sodium Benzoate		0,40
Disodium EDTA		0,10
LAUROAT EC (Sodium Lauroyl Oat Amino Acids)	B	20,00
Cocamidopropyl betaine		20,00
Naticide (Parfum)		1,00
Fragrance		0,30
Risolat (Oryza sativa bran oil, Hydrolyzed Rice Protein, Potassium Palmitoyl Hydrolyzed Wheat Protein)	C	2,00
Mandorlat (Prunus Amygdalus Var. Dulcis Oil, Hydrolyzed Sweet Almond Protein, Potassium Palmitoyl Hydrolyzed Wheat Protein)	D	2,00
Avenolat (Avena Sativa Kernel Extract, Hydrolyzed Oat Protein, Potassium Palmitoyl Hydrolyzed Oat Protein)	E	2,00
Citric Acid	F	0,24

CHARACTERISTICS

Aspect:	pearlescent liquid
Colour:	white
Odour:	characteristic
pH:	5.50 - 6.20
Brookfield viscosity SP 5 RPM 20:	2.000 - 4.000 mPa.s

METHOD

Mix phase A and phase B. Then add A to B. Complete with the remaining phases and adjust pH with Citric Acid.

*Formulation tested in Sinerga Research Centre according to stability and laboratory manufacturing procedures.

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