



Underwater source of beauty

Endless Ocean Freshness

RED ALGA GEL®EC

RedAlga Gel®EC is a hydrocolloid obtained by a red seaweed of Pacific Ocean, able to **restore the natural moisturization factor** and suitable for skin, hair, oral and personal care products.

Rich in carrageenans, it shows a remarkable **film-forming** action; it protects from external agents and stops the dehydration process, leading to an **intense and long-lasting moisturization**.

- Moisturizing
- Dehydration preventer
- Film-forming defencer
- Long-lasting applications
- Texturizing action



COSMOS
APPROVED

Sinerga
SKIN EVOLUTION

PROPERTIES

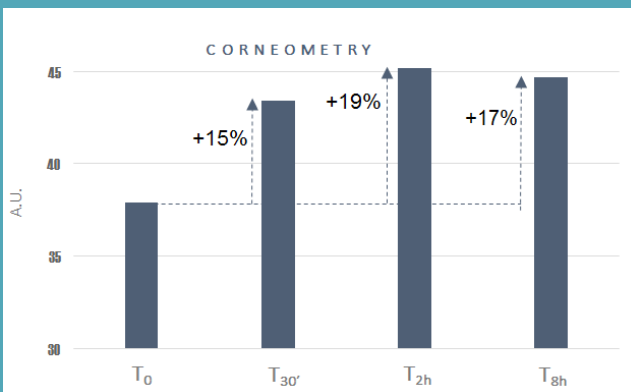
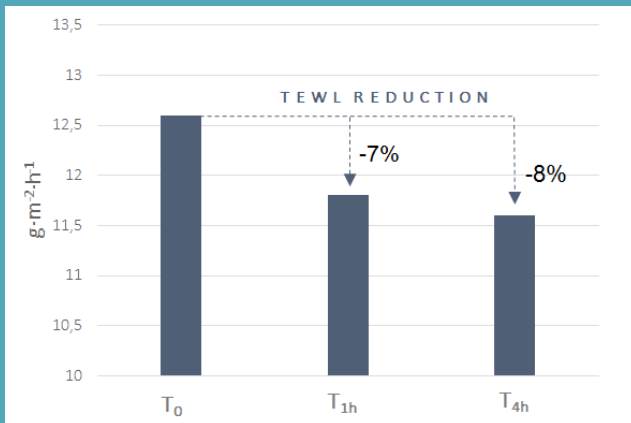
Red algae are a rich source of sulfated polysaccharides, with a proven efficacy to **enhance skin barrier function**, **restore the natural water content** by supplying water to the upper layers of the epidermis and increase its ability to **prevent moisture-loss**.

Thanks to its high **sensorial pleasure** and its compatibility with the main cosmetic ingredients, Red Alga Gel[®]EC is the ideal ingredient to create a **versatile** and high-performing base for many formulations, while also donating consistency to the emulsion.

SPECIFICATIONS

Appearance:	Viscous gel
Color:	from yellow to amber
Odor:	characteristic
pH:	5.0 – 5.5
Suggested dosage:	5 - 10% Detergents 10 - 20% Fluid and consistent emulsions 20 - 50% Gels and masks

EFFICACY TESTS



TEWL and corneometry after one application of a gel containing 5% of RED ALGA GEL[®]EC. The TEWL is instantaneously reduced while the hydration is recovered and maintained up to 8 hours.

INCI NAME

Algae extract (retired) / Ahnfeltiopsis Concinna Extract (updated name)*

MAIN APPLICATIONS:

- Hydrating personal care products
- Protective and filmogenic gels and creams
- Oral and intimate hygiene formulations
- Suitable as an optimal base to prepare face masks.

DE-STRESSING MASK (LSIN 7081A)

INGREDIENTS	PHASE	%w/w
Aqua	A	Up to 100
Panthenol, Glycerin		2,00
Dolcèvia		0,50
Disodium EDTA		0,10
Hydroxyacetophenone		0,30
Sodium benzoate		0,10
Xanthan gum	A'	1,00
RED ALGA GEL[®]EC	B	35,00
Trealix	C	2,00
Parfum	D	0,05
Natisol		0,25
pH adjuster	E	q.s.

CHARACTERISTICS

Aspect:	semiconsistent gel
Color:	light yellow
Odor:	characteristic
pH:	5.5-6.5
Brookfield Viscosity (SP 5 RPM 20):	5'660 mPas

METHOD

Heat the phase A at 50°C and then add the phase A' under vigorous stirring.
Cool to 35-45°C and add phase B.
Continue mixing while adding phases C and D.
Adjust the pH.

*The retired INCI name will continue to be published and available for use, along with the new INCI name, for a transition period of about 4 years since March 2015.