



THE GOLDEN SEAWEED SUNBLOCK

When it comes to beauty, we believe there is no greater inspiration than life itself. For us, active science involves being curious about the world. Inspired by the raw materials that life is made up of, combined with innovation, we create solutions that truly enhance the beauty of your tattoo.





SPF 50+ PA ++++

UVB + **UVA** + HE-VL

THE GOLDEN SEAWEED SUNBLOCK

- Accelerate skin cell renewal, strengthens the skin barrier.
- Induces the synthesis of hyaluronic acid by 44% in cells exposed to UV radiation.
- Protects DNA/cells from UV-induced damage
- Reduce redness 11% since first application
- +76% Hydration improvement after 2h
- Protection against neurogenic suractivation
- Protection from blue light damage
- Helps to reduce chronic UV-induced inflammation
- Photoprotection and shield against photoageing

GOLDEN SEAWEED SUNBLOCK

protects and cares for your tattoos with very high broad-spectrum sun protection, **SPF 50+ UVB + UVA + BLUE LIGHT**, providing the most complete care for the colour of your tattoos. It cares for old and new tattoos **without leaving a white residue on your skin.**

Our formula is enriched with D-PANTHENOL (pro-vitamin B5), TUCUMA oil and Laminaria Ochroleuca Extract, known as the "GOLDEN SEAWEED."

We connect you with the Amazon and the magical world of marine active ingredients.

BALM TATTOO is always at the forefront, creating products with high-quality active ingredients developed with biotechnologies in harmony with the ecosystem.



OCEAN RESPECT

We contribute to Clean Beaches and Oceans. Formulated with organic and inorganic filters that respect the environment and recyclable aluminum packaging. GOLDEN SEAWEED SUNBLOCK does not contain PABA, OXYBENZONE, OCTINOXATE, OCTINOXATE, OCTISALATE, HOMOSALATE, AVOBENZONE, NANO PARTICLES.

KEY INGREDIENTS

+D-PANTHENOL (Pro-Vitamin B5)

Panthenol is a precursor of vitamin B (pro-vitamin B5) and is substantially involved in the skin's regenerative metabolic formation of new cells. It reduces blood flow, processes. Panthenol has no cosmetic effect, but becomes an active ingredient once it penetrates the skin, converting into pantothenic acid. It is moisturizing, healing, anti-inflammatory, and regenerative. It improves skin elasticity and promotes the eliminating redness and itching.



+HYALURONIC TUCUMA OIL (*Astrocaryum vulgare*)

Obtained from the tropical pulp of the Tucuma fruit, from the Amazon with a warm and intense color, this 100% natural and pure BioActive, is very rich in macro and micronutrients, essential fatty acids, in addition to important functional bioactives such as carotenes and phenolic compounds. **Revitalizes the tattooed skin** from the inside out, protecting it from the negative effects of sun exposure and everyday aggressions.

Induces the synthesis of hyaluronic acid by 44% in cells exposed to UV radiation, in addition to **protecting this molecule from photodegradation by 88%**.

This means not only strengthening the body's natural defenses against the effects of ultraviolet radiation, but also reversing some damage, such as cell aging.

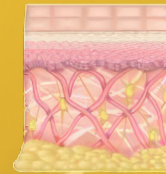
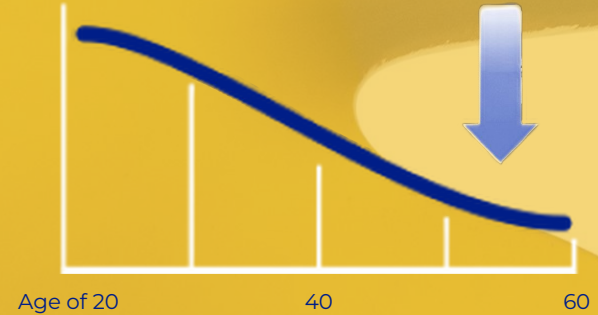




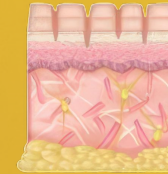
- Preventively protects the HA produced
- Prevents premature aging of the skin
- Reverses damage caused by ultraviolet radiation

This means not only strengthening the body's natural defenses against the effects of ultraviolet radiation, but also reversing some damage, such as cell aging.

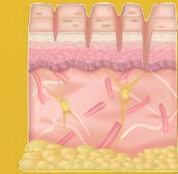
Decreased firmness and hydration of epithelial sublayers



Preserved Structural Integrity

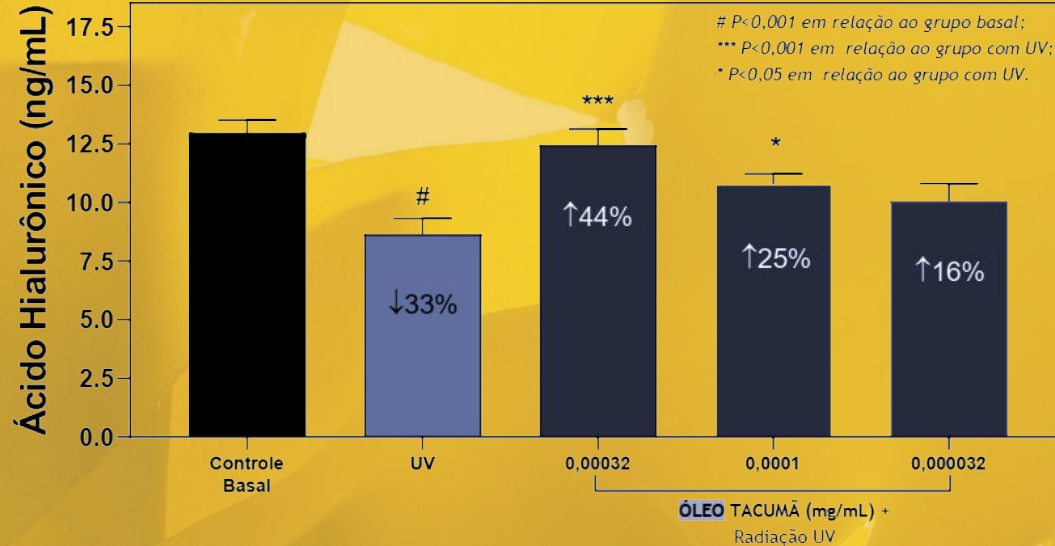


Expected effects of cellular aging



Progress of cellular aging caused by UV radiation

Semi-Quantification of hyaluronic acid synthesis in cultured aged fibroblasts treated with HYALURONIC TUCUMA PRO (2%) at three different concentrations. Proven effectiveness ex vivo.



Human fibroblasts were treated for 72 hours with the product for subsequent quantification of hyaluronic acid synthesis by immunoenzymatic assay (Elisa).

44% higher concentration of hyaluronic acid, even with UV radiation.



+LAMINARIA OCHROLEUCA

Seeing its powerful capacities to persist in a **stressful environment**, it incited us to make some further studies to understand its ways to **Reinforce** & **Protect** itself, permitting us to create a new marine active ingredient based on the bioinspiration of Laminaria ochroleuca unique abilities.

Actions at **basal state** & **under stresses**

- Strengthening of dermal and epidermal layers
- Soothing effect against UVB stress
- Photoprotection and shield against photoageing
- Relief skin from neurogenic suractivation
- Protection from blue light damage

**Laminaria ochroleuca: a
brown alga also known as
the Golden Seaweed**



in Vivo

Measurement of a parameter under
UV radiation

Protocol

Type of test
Test support
Panel

in vivo
Forearm

22 women, average age 35years,
phototype II or III

2% Antileukine 6™

UVA+B irradiations with 1.5 MED*

Tested concentration
Stress
Test timeline

Stress then application at t0,
reapplication at t+24h, t+32h and
t+48h.

Target and analysis method

Evaluation of skin color
by spectrophotometer

*MED : minimal erythema dose

Irradiation
(UV A+B with 1,5 MED)

1st application

repeated applications

-11%* redness
after 24H

Quick effect
Significant decrease
(from green to red)
after 24H, vs
non treated irradiated zone.

-9%* redness
after 32H

Medium & long term effect
Significant difference
between **ANTILEUKINE 6™** & placebo
from D1 T24H to D1 T48H.

-11%* redness
after 48H

OTHER *in Vivo* STUDIES

Improves up to **84%***
the hydration level of the
epidermis vs placebo while
reducing of **6.5%*** the TEWL in 4h
-> **MOISTURIZING EFFECT**

*statistically significant

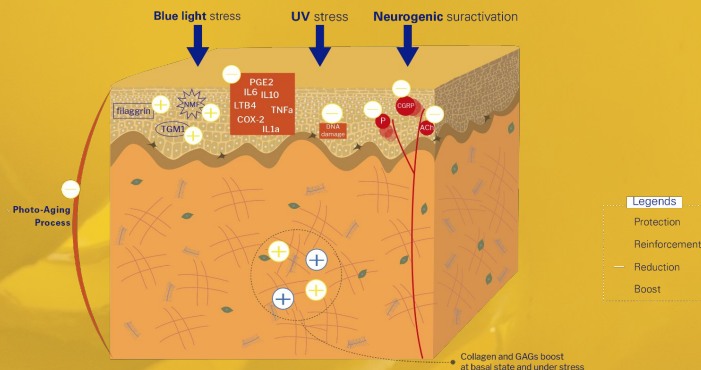
Reduces in **56 days** the
depth of dehydration-wrinkles
up to **9%***

-> **ANTI DEHYDRATION-WRINKLES
EFFECT**

Permits a gain of **21%***
in smoothness, **23%*** in hydration
and **9%*** in firmness

-> **SKIN QUALITY ENHANCEMENT**

Reinforces & Protects





Delab Care SL.

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