



NATURA-TEC SEAWONDER™ A global skin remodeling agent

PROPERTIES

NATURA-TEC SEAWONDER™ is a unique alliance of the virtues of Kalahari Watermelon seed oil to the power of Nannochloropsis Oculata microalgae. This infusion is optimized and concentrated to promote wound-healing and regenerating properties of the skin.

Kalahari melon is an ancestral superfruit that has had to adapt greatly to survive the drought and harsh light of the desert environment. Thus, its seeds are very rich in essential lipids, such as omega 6 - Linoleic acid that modulates the production of inflammatory mediators enhancing the natural process of healing. This oil also delivers high content in tocopherol and phenolic acid, stimulating collagen fibers in healing.

Nannochloropsis Oculata, isolated in the Isle of Cumbrae, Scotland has an extremely high cholesterol content (>70% total sterol). This species is a very high substantial source of cholesterol from microalgae. Cholesterol is a fundamental component of cells and extracellular matrix, able to restore the structure and the function of the epidermal barrier during healing process.

Natura-Tec SeaWonder™, acts on the regulation of inflammatory response with the ability to restore skin structure and barrier function, thanks to its remodeling and regenerative properties.

After tissue injury, keratinocytes at the rear of the wound margins may display a high proliferative activity, migrating forward onto the wound bed, helping restore epidermal barrier structure and function. This process involves cell migration, proliferation, and differentiation; and under aging, can be altered and progressively less efficient. In wound healing process, **Natura-Tec SeaWonder™ significantly promotes wound healing, increasing wound closure, with a dose dependent effect, by 14,4% and 29,5% with 0,5% and 1% of use respectively.**

Stretch marks are another common skin structural modification, involving physical stretching and structural alterations, concerning component of extracellular matrix: dermal collagen, elastin, fibrillin and fibronectin. On recent stretch marks, in only 7 weeks with 3% of use, **Natura-Tec SeaWonder™ significantly changes the aspect of recent stretch marks, reducing number by 14,2%, perimeter by 18,3%, area by 19,2%, volume by 19,4%; a redness reduction is also observed, while enhancing the skin homogeneity by 22,9%.**

Natura-Tec SeaWonder™ is an extraordinary natural solution to stimulate endogenous healing mechanism of the skin, with a positive impact on biomechanical properties.

COSMETIC APPLICATIONS

Use : Introduce at the end of the formulation either in O/W or W/O system during the cooling step.

Dosage : From 0,5 to 1%% in skin care applications.

Applications : Body and face care emulsion, balm, serum, ointment, or mask.

TECHNICAL DATA

Appearance: Yellow to amber

INCI: Hydrogenated Ethylhexyl Olivat (and) Citrullus Lanatus Seed Oil (And) Nannochloropsis Oculata Extract