



  
FORGET ABOUT AGE  
INSTANT D DAY CREAM



## INSTANT D DAY CREAM LSF30 A DAILY DOSE FOR HEALTHY SKIN

Aging skin can suffer from sagging, hyperpigmentation, and a significant decline in moisture-binding factors like hyaluronic acid but also indirectly contributes to a reduced formation of vitamin D.

In young and healthy skin, vitamin D is produced through a series of simple chemical reactions. The UV-B radiation contained in sunlight initially converts a form of cholesterol (7-dehydrocholesterol) in the upper skin layer (epidermis) into a precursor form of vitamin D3 (pre-vitamin D3). Further exposure to warmth transforms it into active vitamin D3.<sup>16</sup>

To reach its active form, two separate metabolic processes are required. A portion of the vitamin D3 formed in the skin enters the cells directly through the blood. Various enzymes convert it into its active form. The vitamin D3 produced in this way remains active for approximately 24 hours and is then excreted.<sup>17</sup> The other portion undergoes an

initial conversion process in the liver, where it is transformed into the storage and transport form 25(OH)D3. 25(OH)D3 is the most common form of vitamin D in the body and is used to measure vitamin D levels. This storage and transport form remain in the blood for an extended period and can also be stored in adipose tissue. It is transported to the kidneys, where, through a hormonally regulated mechanism, it is converted into the active vitamin D hormone calcitriol.<sup>18</sup>

Older skin is more prone to cell disorganization and dryness. Conditions necessary for effective vitamin D production in the skin include a fully functional and well-structured cell membrane, maximizing light utilization by modulating the optical properties of the skin, and strengthening deep moisture reserves required for vitamin D synthesis.

The daily use of Instant D Day Cream helps strengthen the skin and its cell structure, enabling uninhibited Vitamin D production.

# INSTANT D DAY CREAM LSF30

## ACTIVE INGREDIENTS

### NECTARIA LITHOPS™

Instant D Day Cream contains NECTARIA LITHOPS™, an extract from the desert plant *Lithops pseudotruncatella* ('living stones'). The mechanism of action of NECTARIA LITHOPS™ lies in optimizing the skin's micro-environment.<sup>20</sup>

This innovative approach is based on improving the skin's structure, restructuring the cells, and thus creating the foundation for Vitamin D production. Simultaneously, it builds up the deeper moisture reserves. This is made possible by the plant stem cells present in *Lithops pseudotruncatella*, which are rich in biomimetic glycoconjugates, organic acids, and polyphenols from the glycocalyx. This synergy enables the protection and repair of the glycocalyx (sugar) of epidermal cells, achieving optimal structure and functionality.

The optimized Vitamin D level results in a dewy, radiant, plumped, and well-moisturized skin.

### HPMC & PULLULAN

In addition to the plant stem cells, the product also contains the active complex Hydroxypropyl Methylcellulose, Pullulan, Porphyridium Cruentum Extract.

As part of the polymer matrix, Pullulan, together with HPMC, provides an immediate and long-lasting tightening effect. A fine film of Pullulan on the skin smoothens the micro-relief and retains moisture. Besides its high content of polysaccharides and carbohydrates, Porphyridium Cruentum is an important supplier of lipids and contains a broad spectrum of essential and non-essential amino acids. In addition, the single-celled organism is rich in vitamins and minerals.

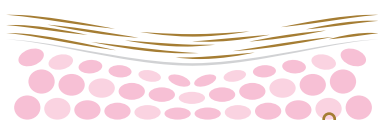
### VITAMIN E

#### (*Tocopheryl Acetate*)

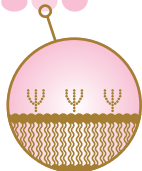
The all-around vitamin for skincare: Vitamin E improves the skin surface relief, enhances the moisture retention capacity of the stratum corneum, and increases the enzyme activity of the skin. It has a positive impact on

Action of NECTARIA LITHOPS™

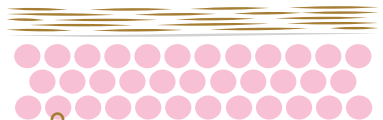
### INEFFICIENT MICROENVIRONMENT



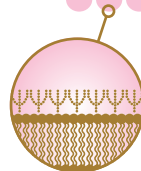
Poorly structured skin, cells and membranes as well as a perforated glycocalyx provide poor conditions for vitamin D production.



### EFFICIENT MICROENVIRONMENT



Strengthened, structured skin, cells and membranes as well as the repaired glycocalyx offer the best conditions for the skin's own vitamin D production.





damages caused by free radicals in the skin. Protection against premature skin aging, protective effect against lipid peroxidation occurring after UV irradiation, protection against damages from oxygen radicals due to the activation of the enzyme superoxide dismutase, and protection against sunburn and photosensitization.

#### RED ALGAE EXTRACT

*(Porphyridium Cruentum Extract)*

Porphyridium Cruentum Extract is derived from the red algae *Porphyridium Cruentum*, which thrives in the depths of the sea.

Over the course of evolution, this red algae has adapted to extreme environmental conditions, developing a remarkable ability to protect its cells from harmful influences. In the Instant D Day Cream, the extract from *Porphyridium Cruentum* provides a comparable protective mechanism on the skin,

thanks to its high concentration of antioxidants, guarding against free radicals. Additionally, this ingredient promotes the regeneration of skin cells and supports the skin barrier. This contributes to making the skin firmer and more resilient.

#### LAVENDER OIL

Lavender oil, extracted from the delicate flowers of *Lavandula Angustifolia*, offers a multitude of benefits for the skin.

Its soothing properties are particularly effective for sensitive skin, reducing redness and promoting relaxation. The rich antioxidant spectrum protects against free radicals, supports skin regeneration, and has anti-inflammatory effects.

## APPLICATION

Apply a dollop of the cream to clean facial skin, neck, and décolleté in the morning, allowing it to absorb.

For an immediate smoothing and tightening effect, Instant D Day Cream can also be mixed with a pea-sized amount of Instant Wrinkle Erasers before applying.