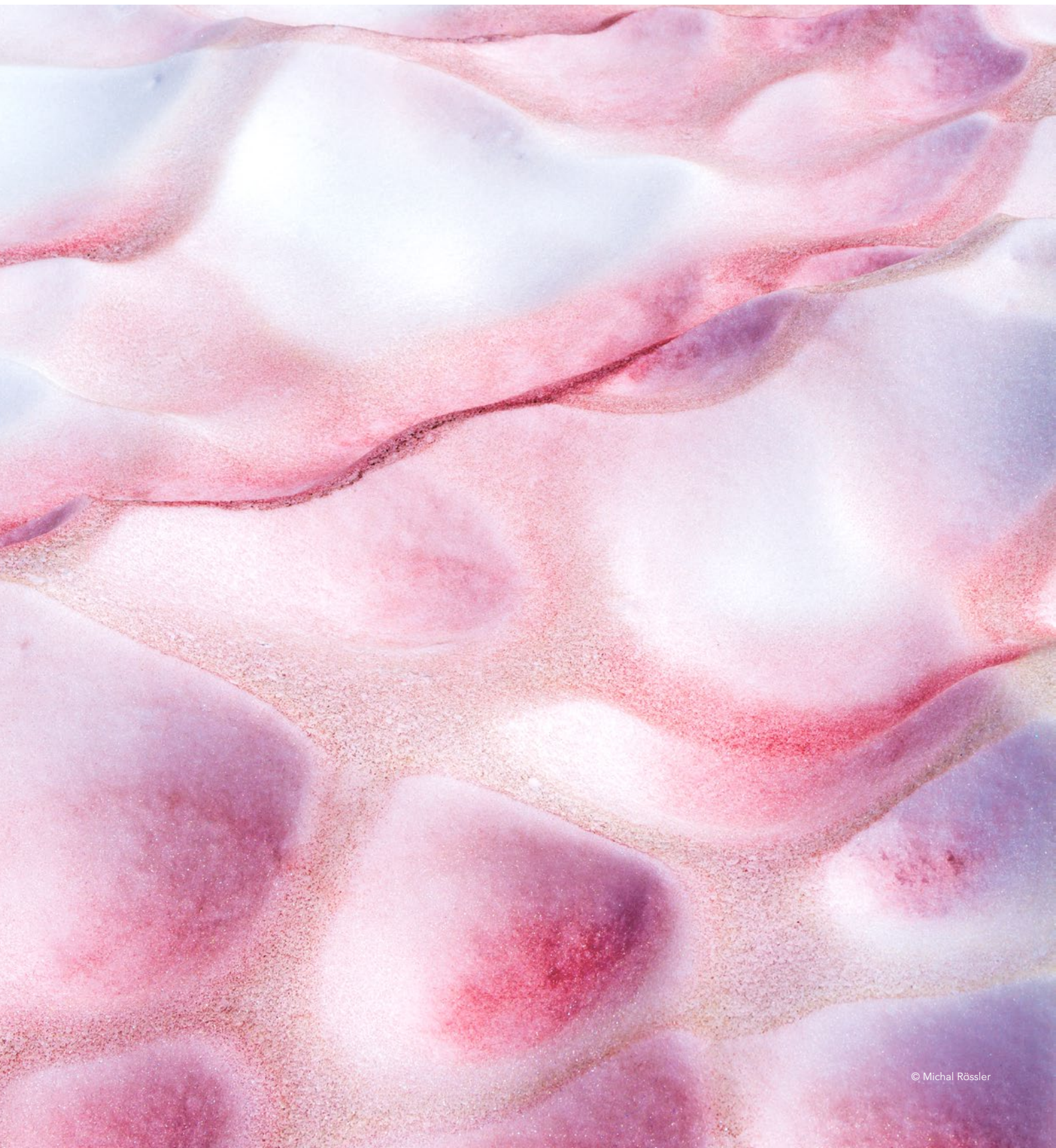




Snow Algae Powder

Beauty sleep for skin rejuvenation





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Repairing the Effects of Time with a Unique Survival Strategy

With Snow Algae Powder, Mibelle Biochemistry is offering an anti-aging treatment that is based on the exceptional survival tactics of the snow algae. Snow Algae Powder activates anti-aging genes in the skin and improves the longevity of the skin cells.

This innovative anti-aging active ingredient is based on the extract of a unique extremophile algae that has managed to create survival strategies which enable them to grow on glaciers and in permanent snow. In order to survive in these harsh conditions, the snow algae have developed a kind of "sleeping beauty" tactic, which is similar to hibernating, in which the organism slows down and reduces caloric intake. Calorie restriction has been shown to improve both the healthspan and lifespan of individuals, and is thus considered to be a promising new anti-aging pathway.

This exceptional protective mechanism releases highly effective active ingredients that have a proven invigorating and regenerative effect on skin cells. And by stimulating the Klotho longevity gene and the AMPK energy sensor that together lead to improved cellular defenses, oxidative stress resistance, cell detoxification and repair, the aging process of the skin is slowed down.

The anti-aging activity of Snow Algae Powder has also been confirmed by proteomics technology.

The results in the skin are the production of collagen starting again and a rejuvenation of the dermal epidermal junction.

Consequently, the skin barrier is reinforced while the skin appears fresher and detoxified as age spots are less visible. Furthermore, the skin is also better moisturized after just 14 days of treatment and becomes smoother after 28 days.

Snow Algae Powder

- Slows down aging process of skin cells
- Increases production of collagen
- Protects and activates longevity factors in skin cells
- Rejuvenates and protects skin at cellular level
- Safeguards skin's youthfulness by activating Klotho
- Strengthens cellular defense mechanisms through calorie restriction mimetic activity
- Reinforces, smoothes and hydrates the skin

Applications

- Rejuvenating and repair formulas
- Age-defense products
- Youth protecting and promoting skin care
- Formulas to increase skin's longevity – face, body, hand

Formulating with Snow Algae Powder

- Recommended use level: 2–3 %
- Incorporation: Dissolve Snow Algae Powder into the aqueous phase or add pre-solved, during the cooling phase (< 60 °C). Snow Algae Powder is dissolvable at up to 20 % in water.
- Thermostability: Temperatures of up to 60 °C for a short time do not affect the stability of Snow Algae Powder.

INCI (EU/PCPC) Declaration

Coenochloris Signiensis Extract (and) Maltodextrin (and) Lecithin (and) Aqua/Water

Additional Information

Without preservation

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Marketing Benefits

- Unique extremophile algae
- Sustainable production by biotechnology
- Novel anti-aging concept by Calorie Restriction Mimetic Activity
- Anti-aging effect confirmed by the MRM proteomic technology
- Free quality logo / QR code to label your products containing Snow Algae Powder, indicating an educational website (www.snow-algae.com)
- Without preservation
- Patent (US 8,206,721 B2)

Innovating for your success

Mibelle AG Biochemistry designs and develops innovative, high-quality actives based on naturally derived compounds and profound scientific know-how. Inspired by nature – Realized by science.

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