



# FASHION

-  
2022

 ALGANEX

# FASHION

Algae not only offer a variety of healthy ingredients, but also organic pigments. Probably the best known of these is the blue of the spirulina algae, also known as phycocyanin, which is very similar to the "International Klein Blue".

However, the range goes even further and offers a sustainable alternative for dyes in the textile and fashion industry.

▣ Find the right algae for your application.



Powder

## CHLORELLA VULGARIS



- organic
- from controlled cultivation in closed systems

Delivery time  
3-7 weeks



### Typical applications in the cosmetics industry

Chlorella vulgaris offers soothing and moisturizing properties for the skin. These, in turn, can help the complexion appear younger. Thus, it can be used in anti-aging cosmetics.

Like many other algae, Chlorella vulgaris is known for its role as an antioxidant, which helps protect the skin from oxidative stress.

Apart from the protective factor of Chlorella vulgaris, it can also actively help to support and promote the healing and repair process of the skin.

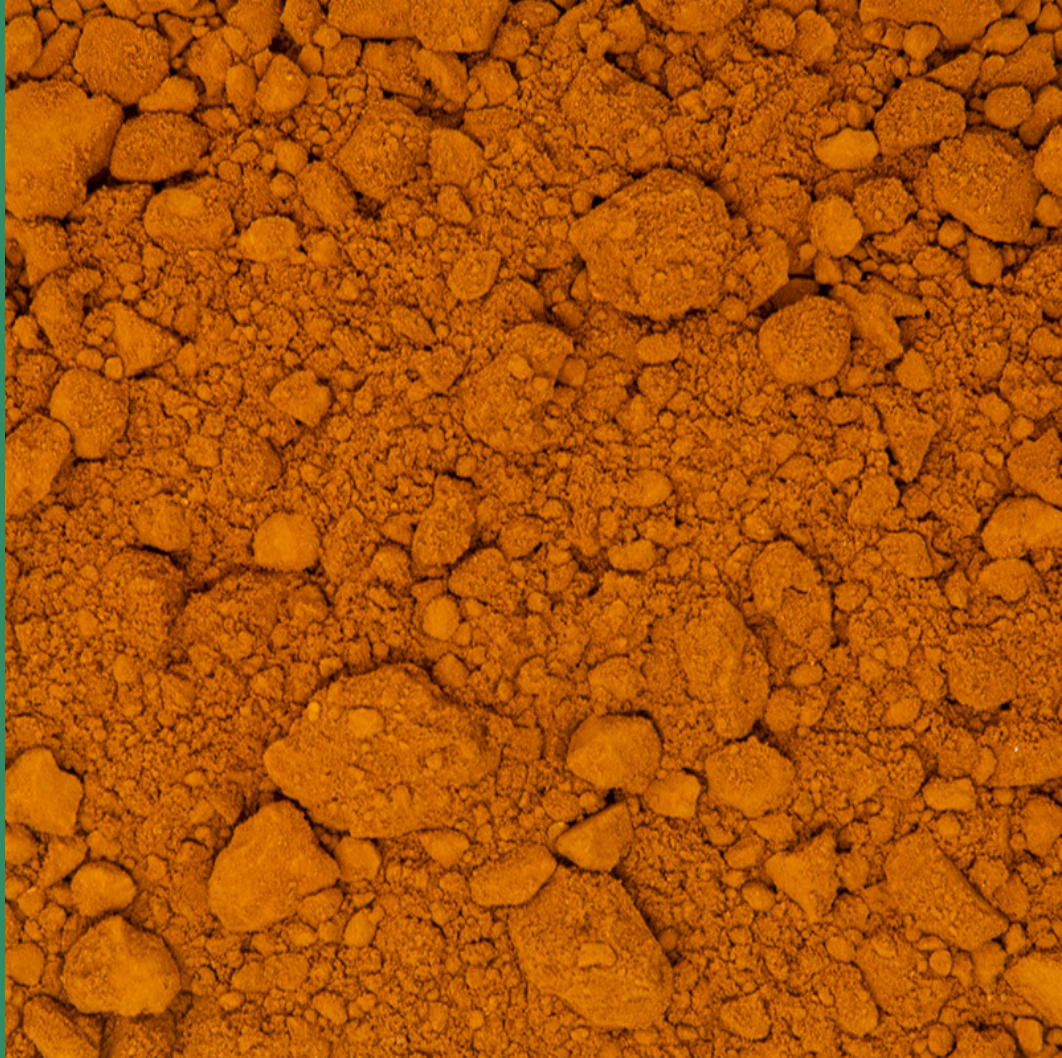
Powder

# DUNALIELLA SALINA



- beta-Carotene 2%, 2-3% or 4-6%.

Delivery time  
3-5 weeks



## Typical applications in the cosmetics industry

Dunaliella salina acts as a powerful antioxidant and preserves the skin from oxidative stress and can help heal damage better. In addition, the algae has an anti-inflammatory effect.

Due to its rich content of minerals and vitamins, Dunaliella salina can help improve the appearance of the skin. These substances penetrate deep into the skin, leaving it refreshed and relaxed.

The fatty acids, proteins and vitamins help to form a protective film on the skin. This acts supportively for the skin to retain moisture better. In addition, the very high content of beta-carotene, which can be used preventively against skin aging.

Powder

## PORPHYRIDIDIUM PURPUREUM (FORMERLY KNOWN AS P. CRUENTUM)



- Polysaccharides
- Pigments 8 % - 17 %
- Zeaxanthin
- Phycoerythrin
- ALA
- EPA

Delivery time  
5-8 weeks



### Typical applications in the cosmetics industry

Porphyridium purpureum (formerly P. cruentum) is a microalga that has strong antioxidant properties due to its sulfated polysaccharides.

This role as an antioxidant helps neutralize free radicals, thus slowing down the aging process throughout the body and preventing cellular damage. This makes Porphyridium purpureum microalgae particularly suitable as an anti-aging component in cosmetics and benefits the skin.

The pigments and polysaccharides it contains promote a healthy skin structure and also have a brightening and protective effect.

Powder

## SPIRULINA BLUE (PHYCOCYANIN)



- Phycocyanin > 11,5 %
- E10
- E18
- E40

Delivery time  
On Demand



### Typical applications in the cosmetics industry

Phycocyanin powder is often used in cosmetics as a coloring and functional component. It not only promotes a healthy skin appearance, but also has anti-inflammatory properties. In addition, the substance contained in Spirulina determines a long-lasting green-blue coloration in cosmetic formulas such as peelings.

Phycocyanin has strong antioxidant properties. It also contributes to wound healing and tissue regeneration. The antimicrobial and anti-inflammatory effects of phycocyanin powder support the healing process of skin problems such as acne.

Phycocyanin powder is already used in many cosmetic products, such as anti-aging cosmetics, where it remineralizes, revitalizes and moisturizes the skin.

Liquid

## SPIRULINA BLUE (PHYCOCYANIN)



- Phycocyanin 1g/1000mL
- Tincture

Delivery time  
On Request



### Typical applications in the cosmetics industry

The liquid form of phycocyanin is marketed as the original product of unparalleled purity. Phycocyanin is the famous blue pigment of Spirulina algae. The natural, water-soluble antioxidant has an intense blue color, which is popularly used in cosmetics as a coloring and functional component. Thus, the substance contained in spirulina determines a long-lasting green-blue coloration in cosmetic formulas such as lotions.

Due to its antioxidant potential, it is an effective radical fighter. In addition, various studies show that phycocyanin has anti-inflammatory properties and promotes healthy skin appearance.

It also contributes to wound healing and tissue regeneration. The antimicrobial and anti-inflammatory effect of phycocyanin liquid form supports the healing process in acute skin problems.

Powder

# SPIRULINA PLATENSIS



- organic
- Phycocyanin 11 - 15 %

Delivery time  
3-7 weeks



## Typical applications in the cosmetics industry

Spirulina platensis has strong antioxidant properties and can therefore be used well for cosmetic applications. In addition, it promotes wound healing, making it particularly suitable for wound dressings, sunburns and anti-photoaging.

Spirulina platensis can reduce itching and dryness of the skin, moderates irritation, stimulates metabolism from a cellular level and inhibits the formation of acne with fewer side effects and without antibiotic resistance.

The phycocyanin and enzymes contained in Spirulina platensis provide the ability of the microalga to collect free radicals. Due to this, Spirulina microalgae is a promising natural raw material in the cosmetics industry, especially since it provides valuable effects such as antioxidant as well as antimicrobial activities.





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