

ANIMAL FEED

-

2022

 ALGANEX

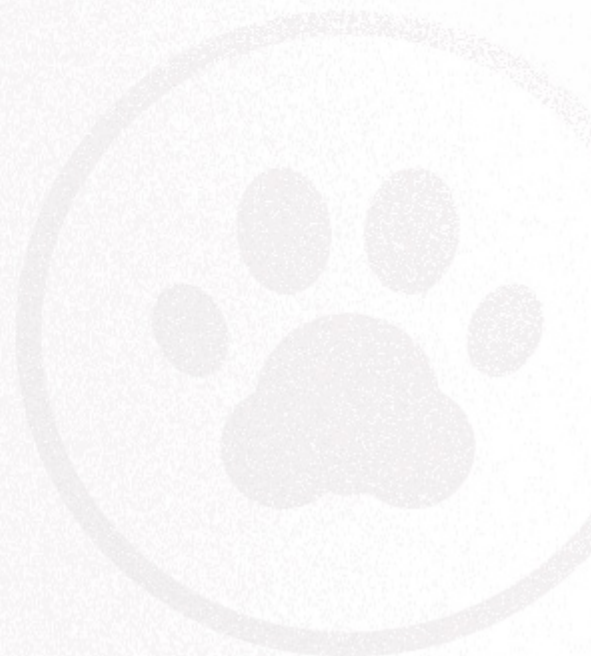


ANIMAL FEED

Algae are also healthy for our pets and farm animals. As an ingredient for pet food, algae provide important nutrients such as proteins and trace elements.

They are therefore the ideal supplement to your pet food, for example as a close ingredient of cat food. Algae can also be used in its entirety as animal feed for aquaculture.

▣ Find the right algae for your application.





powder

ALARIA ESCULENTA (ATLANTIC WAKAME)



- Calcium
- Vitamin A
- Vitamin B2, B6, B12
- Vitamin C
- Iodine

Delivery time
On request



Typical applications in the cosmetics industry

Alaria esculenta is a powerful antioxidant that can be used in cosmetics to protect the skin from oxidative stress. In doing so, it provides anti-aging benefits, which are based on its rich content of amino acids, antioxidants, vitamins and minerals.

Alaria esculenta helps maintain skin suppleness and elasticity by reducing the activity of collagenase and elastase. These enzymes and processes contribute to the degradation of collagen and elastase, which in turn negatively affects the appearance of the skin. Alaria esculenta prevents this with its functional ingredients.

It stimulates the synthesis of hyaluronic acid and supports the skin barrier function. As a result, it can help to improve the moisture content of the skin.

Powder

AMMONIUM ALGINATE (E403)



- E403
- Heat resistant, fat soluble, water binding properties
- Gelling agent
- Coating agent

Delivery time
On Demand



Typical applications

More commonly known under the E number "E403", ammonium alginate is a compound between ammonium acid and alginic acid.

Alginic acid is a naturally present, edible polysaccharide obtained from brown algae. Together with the chemical additive ammonium acid, they produce ammonium alginate. The final product has great heat resistant, fat soluble properties and the ability to bind water.

In the food industry, ammonium alginate is mostly used as a gelling, thickening and coating medium. In combination with calcium ions, E403 forms gels that are stable to cooking and freezing. For this reason, its use as a coating agent to protect food from drying out and to ensure stability during freezing and defrosting is very popular.

This product is available in the following forms: Ammonium Alginate powder.



Whole

ASPARAGOPSIS ARMATA



- Antioxidants
- Antifungal
- Antimicrobial
- Antiviral

Delivery time
On Demand



Typical applications in the cosmetics industry

Asparagopsis armata harbors antioxidant and anti-inflammatory mechanisms that can be used as natural protective agents for the skin in cosmetics.

In this regard, Asparagopsis armata can be incorporated into creams and lotions in the form of conditioners or moisturizers to soothe and revitalize the skin through the micronutrient profile.

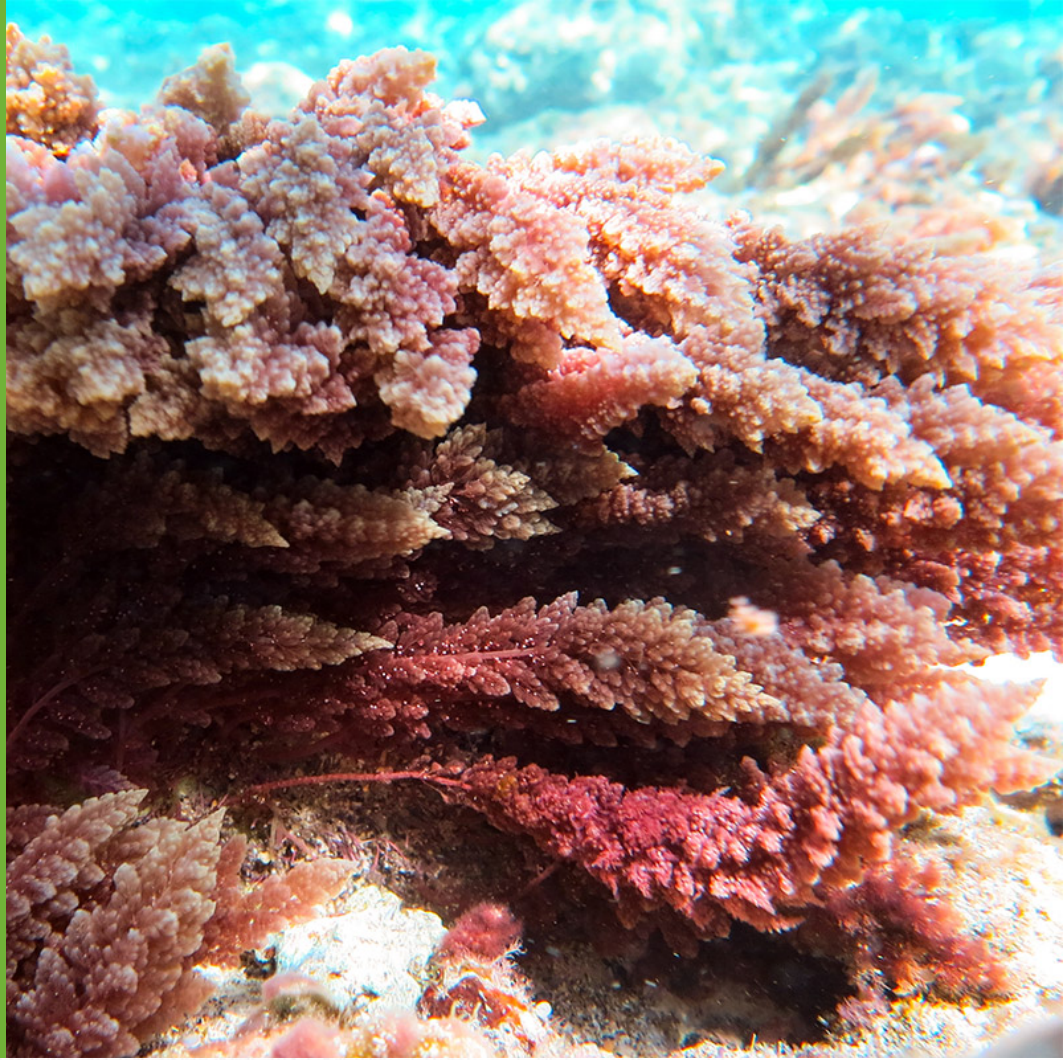
Whole

ASPARAGOPSIS TAXIFORMIS



- Protein
- Antimicrobial
- Antifungal

Delivery time
On Demand



Typical applications

The macroalga *Asparagopsis taxiformis* belongs to the group of red algae and is mainly found in tropical and warm waters.

Probably the most prominent and relevant opportunity that *Asparagopsis taxiformis* offers is that it has been shown in studies to drastically reduce methane emissions even in small quantities as part of animal feed for cows.

Due to its seasonality, the macroalga *Asparagopsis taxiformis* is usually abundantly available in the months of March to June.

This product is available in the form of *Asparagopsis taxiformis* dried whole seaweed.

Powder

AURANTIOCHYTRIUM SP.



- DHA
- Protein
- Amino Acids

Delivery time
On Demand



Typical applications

Aurantiochytrium sp. is a microalgae which is mainly known for its very high content of omega-3 DHA fatty acids.

As Aurantiochytrium sp. has the highest content of DHA omega-3 fatty acids next to the microalgae Schizochytrium sp., it is extensively used and appreciated as an ingredient in animal feeds on land and in water. It provides an efficient and sustainable source of DHA omega-3 fatty acids that does not need to be sourced from fish.

Apart from its industrially relevant profile of lipids, Aurantiochytrium sp. microalgae offers other benefits based on its nutrient profile.

This product is available in the form of Aurantiochytrium sp. powder.

Powder

CHAETOCEROS SP.



- Lipids
- Protein
- Amino Acids

Delivery time
On Demand



Typical applications

With approximately 400 species describes, Chaetoceros seems to be the largest genus of marine planktonic diatoms. It can be found in waters all around the world and it is one of the most wide spread and numerous genera of planktonic diatoms. Chaetoceros is said to be the most important functional component of pelagic ecosystem, providing as a food for zooplankton in the water column. Additionally, they have a huge potential for producing nutraceuticals and biofuel.

Its ability to form powerful blooms and its high growth rates have made Chaetoceros an interesting subject of research and a solidly established product for commercial aquacultures. Many of the species are considered effective producers of useful lipids and other biologically active products with elevated value.

This product is available in the following forms: Chaetoceros powder

powder

CHLORELLA PYRENOIDOSA



- up to 60% of Protein

Delivery time
On Request



Typical applications

- Chlorella powder is used as a food supplement, or as an ingredient in various foods such as lemonades, smoothies, power bars, etc.
- As a feed, the powder is often integrated into mixed pet food.

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

CHONDRUS CRISPUS



- Trace elements
- Vitamin A, E, F and K
- Calcium
- Potassium
- Iodine

Delivery time
On request



Typical applications in the cosmetics industry

Chondrus crispus powder can be used as an antioxidant and also has anti-inflammatory properties.

The versatile nutrient profile of Chondrus crispus powder contains amino acids, minerals and vitamins. They can be absorbed and accumulated by the skin when blended in cosmetics products. These ingredients can have a positive effect on skin as a whole.

The natural polysaccharides and the occlusive properties, as well as the peptides and amino acids help the skin retain its moisture. Therefore it is well suited for use in lotions and moisturizers.

Whole

CYTOSEIRA ABIES-MARINA



- UV Resistant
- Antimicrobial
- Antioxidants

Delivery time
On Demand



Typical applications in the cosmetics industry

Cystoseira abies-marina has antimicrobial properties and can be used as a supplement in cosmetic products.

It also acts as an antioxidant and protects the skin from free radicals, respectively, from external influences.



Whole

CYSTOSEIRA HUMILIS



- Fatty Acids
- Antioxidants
- Antimicrobial

Delivery time
On Demand



Typical applications in the cosmetics industry

Cystoseira humilis can be used as an antioxidant in cosmetics and protects the skin from environmental influences. It also has an anti-inflammatory effect and can promote the recovery process of the skin.

Cystoseira humilis is rich in bioactive substances, which have a moisturizing effect on the skin. The macroalgae provides anti-aging properties, as it increases the firmness of the skin due to the deeper hydration.

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

GELIDIUM SP.



- Protein
- Minerals
- Enzymes

Delivery time
On Demand



Typical applications in the cosmetics industry

Gelidium sp. is used for the production of polysaccharides phycocolloids. These can be used as natural thickeners.

In addition, Gelidium sp. also has soothing and healing properties when applied to the skin, due to its profile of ingredients. As an antioxidant, it protects the skin from oxidative stress.

Powder

HIMANTHALIA ELONGATA



- Potassium
- Magnesium
- Calcium
- Vitamin A
- Vitamin C
- Vitamin E

Delivery time
On request



Typical applications

Himanthalia elongata, also known as “thongweed”, is a brown alga that occurs in colder waters such as the North Sea, Baltic Sea and the Atlantic Ocean near the coast.

Himanthalia elongata is probably best known as a food, because of its appearance it is also known and eaten as sea spaghetti in France and Ireland.

Apart from its relevance as a whole food, it also plays a role as an ingredient. In some meat products it is added as a binding and gelling agent.

Antimicrobial properties have also been identified which may make it possible to extend the shelf life of products.

But the possible applications of thongweed extend beyond its use as a delicacy. Himanthalia contains many nutrients and Vitamins, including Vitamin A, C and E as well as Potassium, Magnesium and Calcium.

In the field of cosmetics, Himanthalia elongata is valued for its moisturising properties and its antioxidant effect, which protects the skin from external influences. Moreover, its thickening properties may be beneficial in the formulation of creams.

Zelens, for example, have developed an anti-aging cream that takes advantage of the many positive properties of thongweed.

The powder is commonly used for food and dietary supplements.

This product is available in the following forms: Himanthalia elongata powder, Himanthalia elongata flakes, dried raw Himanthalia elongata algae or fresh Himanthalia elongata algae. This product is also available as a non-organic

powder

ISOCHRYSIS GALBANA



- beta-Carotene
- Zeaxanthin
- Fucoxanthin
- Cantaxanthin
- DHA
- ALA

Delivery time
On request



Typical applications in the cosmetics industry

Isochrysis galbana shows the potential in care products, which are used for the treatment and care of hair.

In addition, Isochrysis galbana extract has antibacterial activity. Especially against *Cutibacterium acnes* and *Staphylococcus epidermidis* it shows effect and can be used to keep the skin microbiome in balance and in use as a preservative in formulations.

Powder

LAMINARIA DIGITATA



- Minerals
- Vitamins A, D, E and K
- Omega-3 fatty acids
- Carbohydrates
- Iodine
- Potassium
- Calcium

Delivery time
On request



Typical applications

Laminaria digitata, also known as “oarweed”, is a macro-algae found in the North Atlantic, Baltic and North Sea, which can form extensive seaweed forests.

The best known and economically most relevant use of Laminaria digitata is the production of alginate from the alginic acid it contains, which is used as a thickening agent for the food industry.

But it can also be consumed as a seaweed vegetable.

In the past, Laminaria digitata was valued and used as a natural fertiliser and iodine source.

In addition to its use as a food and fertilizer, oarweed also has much to offer the cosmetics industry.

Due to its many minerals and trace elements, Laminaria digitata has a revitalising and mineralising effect on the skin. Added to this are moisturising and antioxidant properties that protect the skin from external influences.

The powder is commonly used for food and dietary supplements.

This product is available in the following forms: Laminaria digitata powder, Laminaria digitata flakes, Laminaria digitata dried raw algae or Laminaria digitata fresh algae. This product is also available as a non-organic variant.

Laminaria digitata can accumulate high quantities of Iodine, therefore it is advisable to reduce consumption to blanched varieties, or keep the amount of consumed tang low.



Powder

LAMINARIA JAPONICA



- Magnesium
- Iodine
- Iron
- Zinc
- Amino acids
- Vitamins A, B9, C, D, E

Delivery time
On Demand



Typical applications in the cosmetics industry

Laminaria japonica can be used as a skin protectant. It helps to avoid the harmful effects of external factors on the skin. Laminaria japonica has antioxidant properties and can limit the influence of free radicals.

Laminaria japonica also has the potential to be used in anti-aging cosmetics as it has a tightening effect on the skin and reduces wrinkles. In addition, it has anti-inflammatory properties that can improve the appearance of the skin.

With regular use, Laminaria japonica can better retain moisture in the skin, making it a useful ingredient in moisturizers.

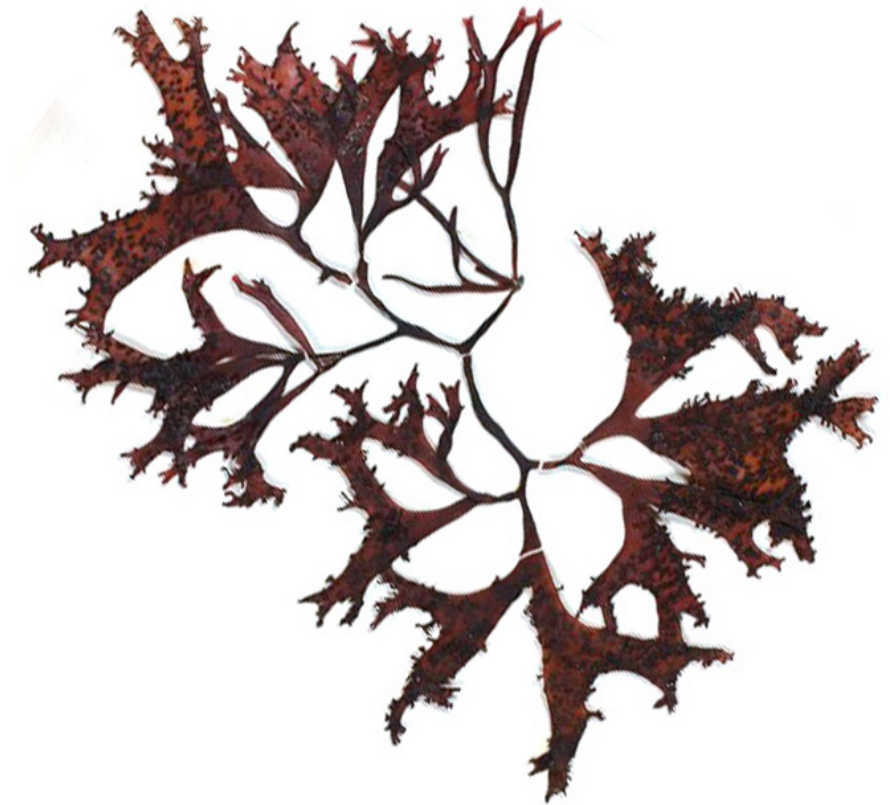
Powder

MASTOCARPUS STELLATUS



- Vitamin A
- Sugar
- Minerals
- Antioxidants

Delivery time
On request



Typical applications in the cosmetics industry

Mastocarpus stellatus has antioxidant properties and thus protects the skin from external influences as well as oxidative stress.

Mastocarpus stellatus can help improve the texture of the skin and thus better maintain the overall appearance of the skin.

Powder

SEAWATER EXTRACT



- Magnesium
- Chloride
- Sulfate
- Sodium
- Calcium
- Potassium

Delivery time
On Demand



Typical applications in the cosmetics industry

Sea water extract provides fresh and radiant skin. By activating the cellular functions, the water supply of the skin is strengthened. Thus, the skin is soothed and remineralized after using the sea water extract.

Seawater extract can contribute to a healthy skin appearance and is therefore ideal for different sensitive and irritated skin types. Sea water extract is also well suited for face and body care due to its ingredients.

Powder

NANNOCHLOROPSIS GADITANA



- EPA > 1,4 %
- beta-Carotene
- Lutein
- Neoxanthin

Delivery time
3-7 weeks



Typical applications

- Perfect for the breeding of live prey (e.g. rotifers)
- Ideal also for the Greenwater technique

Froz. Paste

NANNOCHLOROPSIS GADITANA



- EPA > 3 %

Delivery time
3-7 weeks



Typical applications

- very suitable as basic food for larvae breeding in aquaristics
- perfect for the application of the Greenwater technique

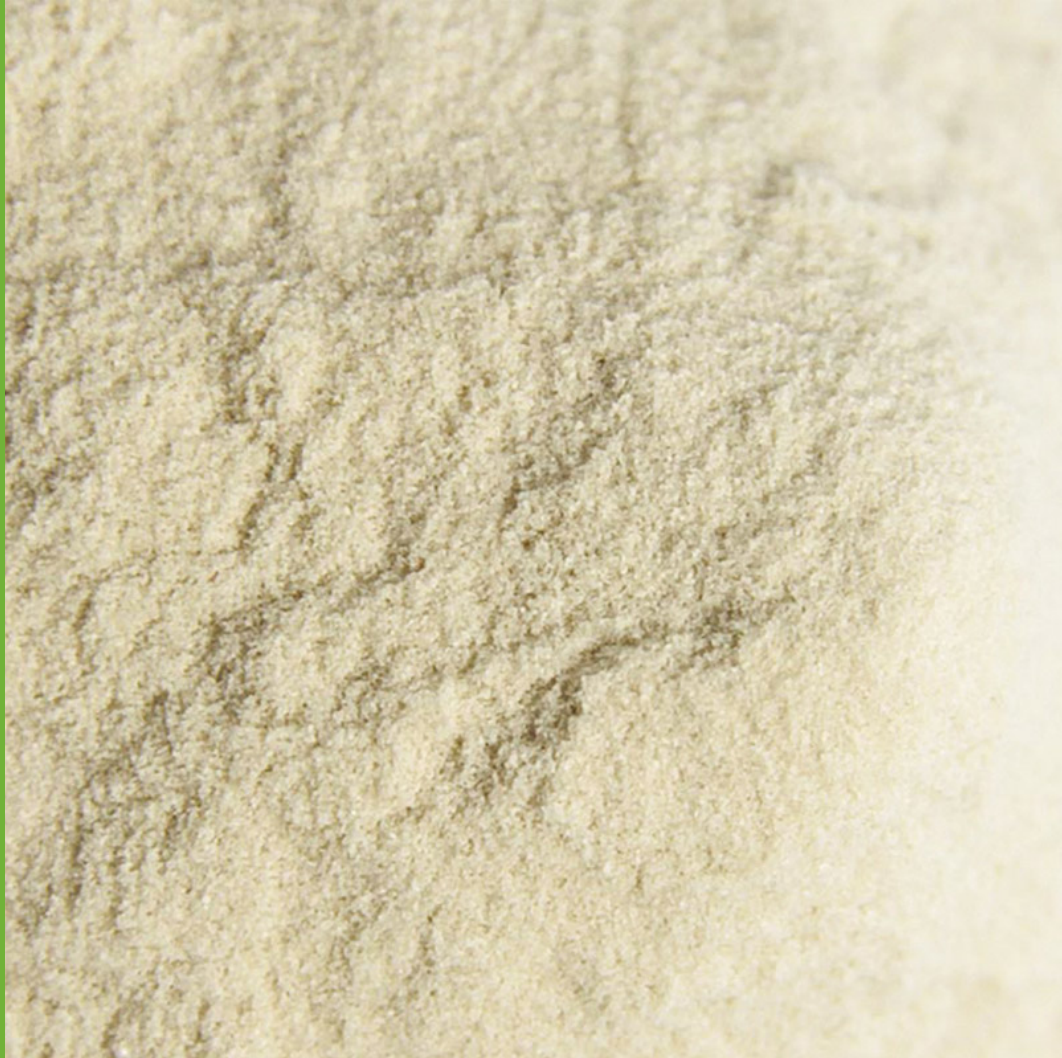
Powder

SODIUM ALGINATE (E401)



- E401
- Heat resistant, fat soluble, water binding properties
- Gelling agent
- Coating agent

Delivery time
On Demand



Typical applications

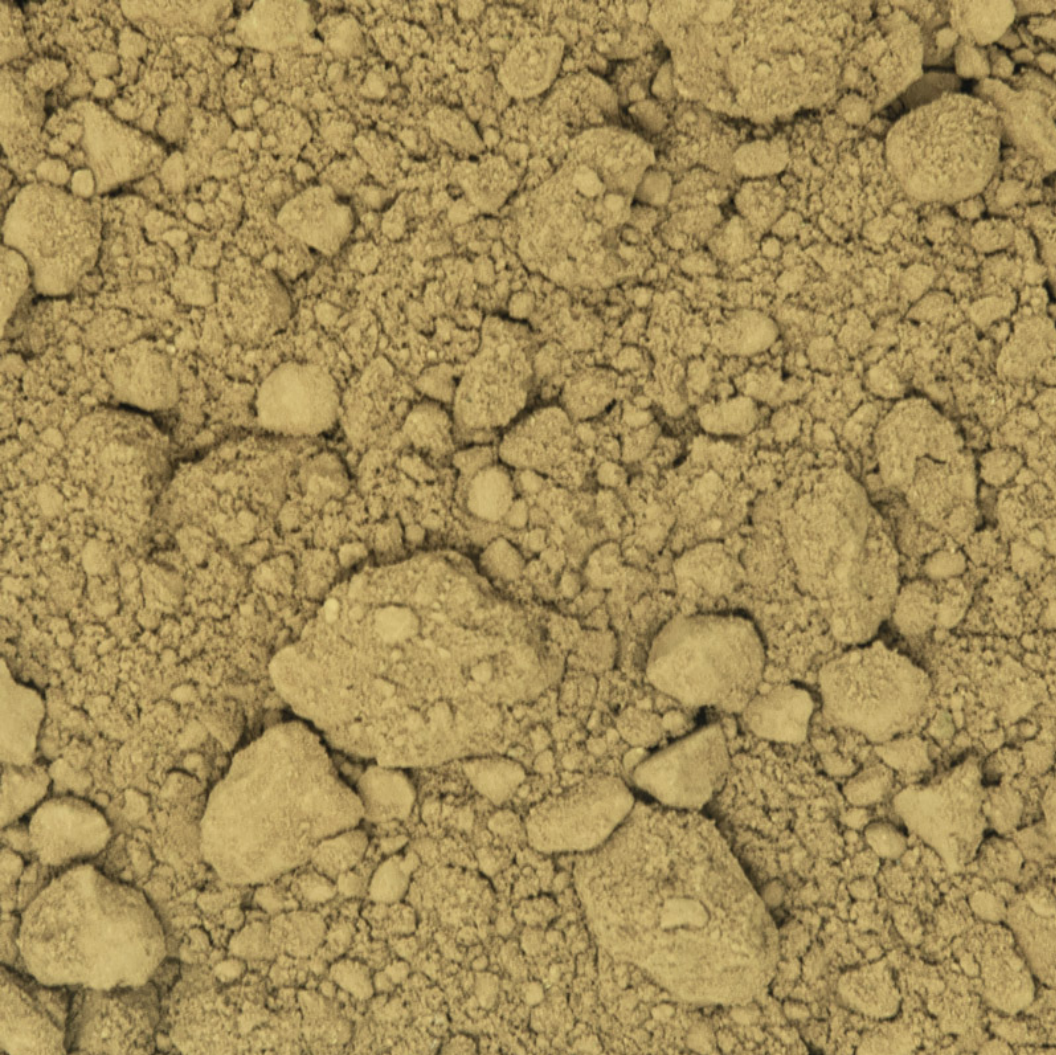
Sodium alginate is probably better known under the E-number "E401" and can be found on the ingredient lists of many foods.

Sodium alginate is the sodium salt of alginic acid. Alginic acid is a naturally present, edible polysaccharide found in various brown algae.

With the addition of calcium ions, sodium alginate forms a gel which is stable to cooking, freezing and baking. As a coating agent, sodium alginate lends stability to foods. This means they retain their shape even after freezing and thawing. Additionally, sauces and dessert become creamier as fat and water mix more easily after the addition of sodium alginate.

Besides its popularity in the food industry, sodium alginate also finds use in the production of animal foods, fertilizers and pharmaceuticals.

This product is available in the following forms: Sodium Alginate powder



Powder

ODONTELLA AURITA



- Protein
- EPA Omega-3 Fatty Acid
- Fucoxanthin

Delivery time
On Demand



Typical applications in the cosmetics industry

Odontella aurita is rich in EPA (eicosapentaenoic acid) and other bioactive molecules such as pigments. The diatom reduces the formation of fat cells and blocks lipogenesis (serves to store unused food energy), so can have a special effect on cellulite and prevent skin aging.

powder

PHAEODACTYLUM TRICORNUTUM



- Protein
- Zeaxanthin
- Fucoxanthin
- DHA
- EPA
- DPA

Delivery time
On request



Typical applications in the cosmetics industry

Phaeodactylum tricornutum makes the skin smooth and supple and can relieve discomfort (e.g. itching) of the skin and scalp. The microalga binds moisture in the use of cosmetic products, which is why it is often used as a humectant in facial toners and scrubs.

Phaeodactylum tricornutum microalgae can have a calming effect by rebalancing the microbiome of sensitive skin and controlling the overall inflammatory process.

Phaeodactylum tricornutum can be used as a preventive care against environmental skin aging, so it is ideal for use in anti-aging cosmetics.



Powder

SACCHARINA LATISSIMA



- Iodine
- Iron
- Calcium
- Magnesium
- Zinc
- Vitamins A, B-12, B-6, and C.
- Polysaccharides
- Sterols (fucosterol)
- Fucoxanthin
- beta-Carotene

Delivery time
On request



Typical applications in the cosmetics industry

The brown alga *Saccharina latissima* or "*Laminaria saccharina*" can play a significant role in cosmetics due to its anti-irritant properties and antioxidant capabilities. It can help protect the skin from external aggressions and reduce inflammation, as in acne-prone skin.

Called sugar kelp, it is used as a possible UV protectant and for skin problems such as loss of elasticity and firmness. It can also help hydrate the skin in moisturizers.

On the skin's surface, *Saccharina latissima* extract can reduce oil secretion, which can contribute to less oily skin.

Powder

SCENEDESMUS SP.



- Protein
- Lipids
- Vitamins
- Minerals
- Amino Acids

Delivery time
On Demand



Typical applications

Scenedesmus sp. is a microalgae in the group of green algae.

The most common use for Scenedesmus sp. is animal feed, but more experimental applications such as biofuel production and wastewater treatment have also been explored with this microalgae.

The high protein and lipid content of Scenedesmus sp. makes it well suited as an additive for animal feed, especially in aquaculture. However, these are not the only ingredients, Scenedesmus sp. have a wide nutritional profile of vitamins, minerals and amino acids.

This product is available in the form of Scenedesmus sp. powder.

Oleoresin

SCHIZOCHYTRIUM SP. DHA OMEGA-3 FATTY ACID



- DHA 400 mg
- DHA 550 mg

Delivery time
5-8 weeks



Typical applications in the cosmetics industry

The microalgae *Schizochytrium* sp. is rich in the omega-3 fatty acids DHA and EPA and is often used industrially in the form of oil. The DHA of the microalgae *Schizochytrium* sp. is a key component in cosmetic products, and on the other hand is valued for its anti-inflammatory effect.

In addition, *Schizochytrium* sp. is becoming increasingly important in personal care and cosmetics, as it shows potential benefits when applied directly to the skin. Among them, for example, deep hydration, anti-aging properties, unclogging of pores and improvement of discoloration.

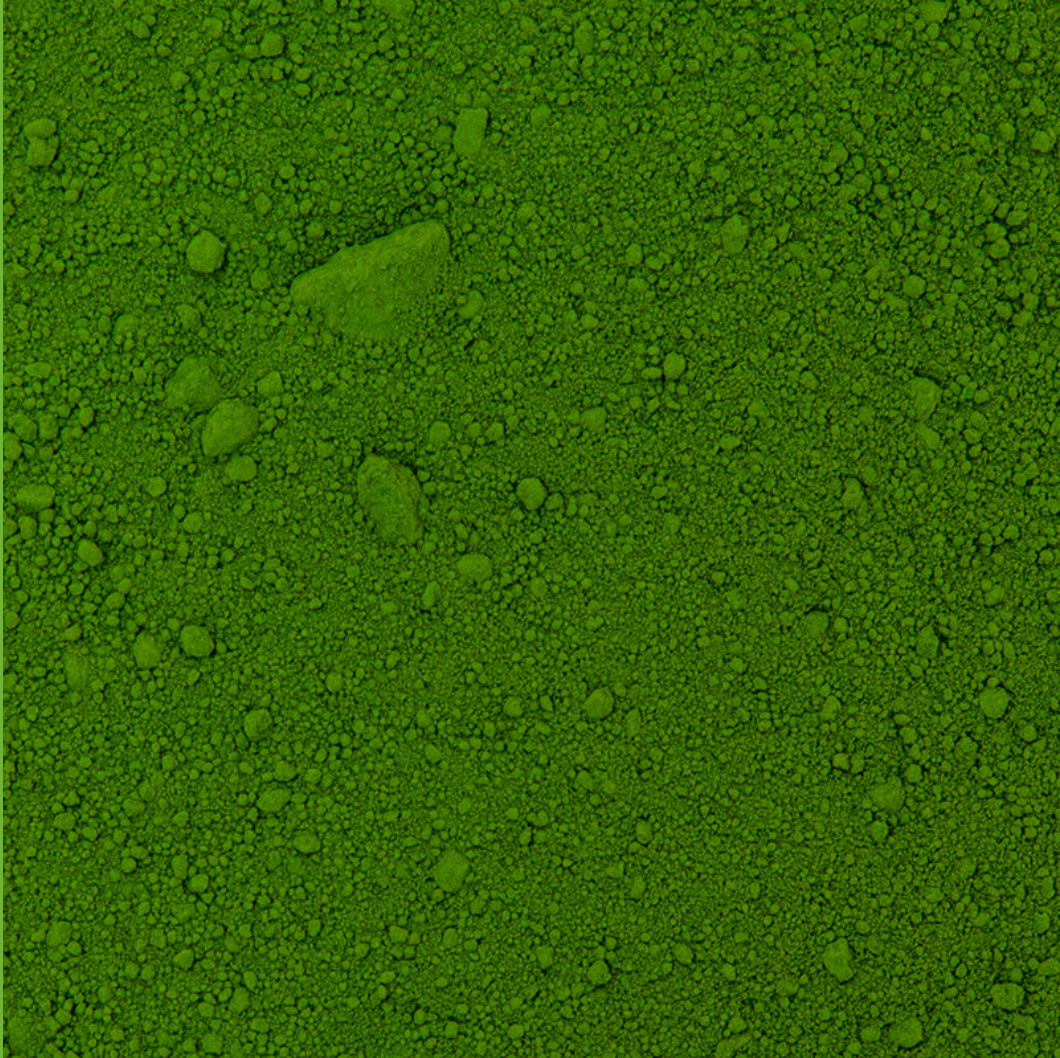
Powder

SELENASTRUM SP.



- Protein
- Lipids
- Amino Acids

Delivery time
On Demand



Typical applications

Selenastrum sp. is a microalga in the green algae group. Its crescent or sickle-shaped appearance is particularly noticeable.

Selenastrum sp. is used in aquaculture as fish food. A less commercial but still interesting use of Selenastrum sp. is, its role as an indicator of the cleanliness of lakes and rivers. Being particularly sensitive to toxins and contaminants, Selenastrum sp. microalgae is a good gauge of water cleanliness.

Due to its content of protein, lipids as well as amino acids, Selenastrum sp. microalgae is a good supplement for aquaculture animal feed.

This product is available in the form of Selenastrum sp. powder.

Powder

SKELETONEMA SP.



- Omega-3 (EPA)
- Vitamin A
- Amino acids
- Calcium
- Antioxidants (Carotenoids)
- Silicates

Delivery time
On Demand



Typical applications

Skeletonema (also known as *Skeletonema costatum*) is part of the major algae group of Diatoms. It is a microalgae that can tolerate a wide variety of light regimes and temperatures.

Due to its richness in Omega-3 fatty acids (EPA), Skeletonema finds its perfect use in aquaculture.

It is ideal for the development of live prey, such as Rotifers and Artemia and it contributes for the exoskeleton formation of prawn and mollusc larvae.

Skeletonema is also used as a raw material for bioactives extractions with antioxidant, anti-aging and sun care properties.

Besides these properties and a high amount of EPA, Skeletonema shows a considerable amount of Vitamin A, Amino acids, Calcium, Carotenoids and Silicates.

This product is available in the following forms: fine powder and frozen paste.

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.

powder

TETRASELMIS CHUII



- beta-Carotene
- Lutein
- Neoxanthin
- Violaxanthin
- Diadinoxanthin
- EPA

Delivery time
On request



Typical applications

Tetraselmis is mainly used for pet food in the field of aquaristics because of its wide range of important and useful ingredients that benefit the animals. but can also be used for food.

However, the possibilities are not limited only by aquaristics, quite the contrary, Tetraselmis can also be used as food for humans and is very healthy. Furthermore, because of the antioxidant substances it contains, it can also protect the skin from free radicals, i.e. external influences.

An example for the use of Tetraselmis in aquaristics is OceanMagik from Algae Barn.

Powder

TETRASELMIS SP.



- Omega-3 (EPA)
- Vitamin A, B1, B2, B6, C, E
- Linoleic acid, Nicotinic acid, Pantotenic acid, Folic acid
- Chlorophyll-a, Chlorophyll-b

Delivery time
On Demand



Typical applications

Tetraselmis is part of the major algae group of green algae and a genus of phytoplankton.

Tetraselmis is widely distributed across the globe and considered a key part of ocean and freshwater ecosystems.

Species of this algae have been studied thoroughly and have proven to be useful to research and industry. Besides helping understand plankton growth rates and multicellularity evolution, many Tetraselmis species are also currently being investigated for their use as biofuel due to their high fat content.

In aquaculture, Tetraselmis is used as food. It is ideal for live prey such as Rotifers and Artemia and filter feeders such as Molluscs and Crustacean larvae. In combination with Nannochloropsis and Isochrysis, it becomes a highly recommended food for flatfish larvae.

As an excellent source of the Omega-3 fatty acid EPA, linoleic acid and many vitamins, Tetraselmis optimizes larvae development and growth performance.

Tetraselmis also shows a considerable concentration of pigments.

This product is available in the following forms: fine powder and paste.



Paste

TETRASELMIS SUECICA



- Fatty Acids
- Vitamins
- Minerals
- Carbohydrates

Delivery time
On Demand



Typical applications

The algae *Tetraselmis suecica* belongs to the microalgae and is widespread worldwide and forms an important cornerstone in the aquatic ecosystems.

Tetraselmis suecica paste is a concentrated paste which can be used as live culture animal feed in aquaculture. *Tetraselmis suecica* paste is particularly suitable for the culture of shrimp, rotifers and copepods.

Due to its extremely broad nutrient profile of vitamins, minerals, fatty acids and carbohydrates, *Tetraselmis suecica* paste provides a healthy and balanced diet for the animals.

Powder

TETRASELMIS SUECICA



- Fatty Acids
- Minerals
- Vitamins
- Carbohydrates

Delivery time
On Demand



Typical applications in the cosmetics industry

The unicellular microalgae *Tetraselmis suecica* can have a protective effect against the aging process of human skin due to sun exposure, as it boosts skin regeneration.

Therefore, the use of *Tetraselmis suecica* in cosmetic products is useful for the prevention of skin aging and related diseases. *Tetraselmis suecica* powder has potential to be used in anti-aging problems.



Powder

ULVA LACTUCA



- Vitamin C
- Magnesium
- Protein
- Iron
- Iodine
- Aosaine
- Heparin

Delivery time
On request



Typical applications

Ulva lactuca, also known as "sea lettuce", is a green algae that can be found almost all over the world on sea coasts.

The sea lettuce is, as the name suggests, often eaten and offered as a sea salad. But it also finds a place in pasta or seasoning mixtures.

Not only for us humans is the sea lettuce healthy, but also as an additive for animal feed, as it offers a variety of micro and macro nutrients.

Because of its many trace elements and minerals Ulva lactuca is an excellent fertilizer.

What makes Ulva lactuca especially unique are the two substances heparin and aosaine that are contained in it. Heparin helps against the sagging of the skin, while aosaine strengthens and firms the skin and thus helps against the formation of wrinkles.

The powder is commonly used for food and dietary supplements.

This product is available in the following forms: Ulva lactuca powder, Ulva lactuca flakes, dried Ulva lactuca raw algae or Ulva lactuca fresh algae. This product is also available as a non-organic variant.

Powder

ULVA INTESTINALIS



- Vitamin B12
- Calcium
- Magnesium
- Protein
- Iron
- Iodine

Delivery time
On Demand



Typical applications in the cosmetics industry

Green algae *Ulva intestinalis* is a rich source of nutrients, proteins and peptides. The extract promotes the production of collagen and hyaluronic acid by human dermal fibroblasts.

Ulva intestinalis has properties that are promising for the cosmetic field.

The high content of magnesium, selenium, calcium and iron, as well as the antioxidant, antibiotic, antiviral and antifungal effects provide a variety of positive effects for a better skin appearance.

The moisturizing extract from the macroalgae *Ulva intestinalis* relaxes and protects the skin from external influences. In addition, the epidermis is kept in good condition.

powder

ULVA RIGIDA



- Carbohydrate
- Protein
- Phenol
- Lipids
- Chlorophyll
- Carotenoid

Delivery time
On request



Typical applications in the cosmetics industry

Green algae *Ulva rigida* not only has antioxidant and antibacterial effect, but also has a strong antioxidant activity. Thus, the protein-containing algae provides protection against oxidative stress.

Ulva rigida is rich in ingredients that promote collagen biosynthesis as well as provide moisturizing properties. Skin damage and dry epidermis can thus be alleviated.

Powder

ULVA SP.



- Vitamin C
- Magnesium
- Protein
- Iron

Delivery time
On Demand



Typical applications in the cosmetics industry

Rich in magnesium, proteins, iron and vitamin C, Ulva sp. green algae have much potential in cosmetic applications, especially in anti-aging products.

Ulva species also possess antibacterial, anti-inflammatory, antioxidant and antiviral activities.

Ulva sp. therefore lend themselves to possible uses in the treatment of sagging skin as well as skin strengthening.



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