

# INFINITY GREDIENTS

Inspiring Cosmetics

Sensitive Skin



## Sensitive Skin

Many consumers perceive their skin to be sensitive. Sensitive skin can be very painful and unsightly and can be due to exposure to chemicals, external aggressions, cuts, allergies etc. The skin, which is highly intelligent, responds by creating inflammation to signal that there is a problem and to organise repair. This leads to red, itchy, swollen skin, and eventually to skin ageing (inflamm-ageing').

### Abyssine<sup>®</sup> PF

(INCI: Water, Butylene Glycol, Alteromonas Ferment Extract)

Reduces skin reactivity and discomfort from shaving as well as providing protection against UV-damage, allergic reactions and mosquito bites (anti-histamine treatment).

Abyssine<sup>®</sup> PF soothes post-shave, irritated and sun burnt skin making it the ideal option for the protection of sensitive and itchy skin.

For acne patients taking Retinol drugs, Abyssine<sup>®</sup> PF reduces skin discomfort, dryness and flakeyness.

Recommended usage level: 0.5 - 5%

### Actimilk<sup>™</sup> Apricot

(INCI: Water, Prunus Armeniaca (Apricot) Kernel Oil, Glycerin, Lysolecithin)

Made from organic oil obtained by a cold pressing process from upcycled apricot kernels (food industry waste). Rich in oleic acid and linoleic acid, Vitamins A & E, Actimilk<sup>™</sup> Apricot is an active plant milk that helps to reduce the inflammatory cascade, protect skin barrier, rebalance dry skin and avoid the delipidating effect of surfactant-based formulas (even in rinse-off applications) for soothed, soft and supple skin.

Recommended usage level: 1-5%

## Aldavine™ 5x

(INCI: Water (and) Sorbitol (and) Ascophyllum Nodosum Extract (and) Asparagopsis Armata Extract)

Aldavine™ 5x is a highly potent active from the calibrated association of two algae Polysaccharides. Aldavine™ effectively targets proinflammatory mediators and MMPs to protect microcapillary integrity.

Dark circles and eye puffiness is also reduced by decreasing skin fragility via strengthening the Cellular Matrix and supporting microvasculature network. We recommend using Aldavine™ 5x in combination with the African plant, Chrysanthellum indicum (Lanachrys), which stimulates lipolysis.

Ideal for the alleviation of dark circles, rosacea, spider veins, sensitive/irritated skin, sun burn, razor burn and after laser treatment.

Recommended usage level: 1 - 5%. 5x : 0.2 -1%

## Andiroba Oil

(INCI: Carapa Guaianensis Seed Oil)

Andiroba (Carapa guaianensis) is a tree from the Amazon. In Brazil, **Laboratoires Expanscience** contribute to local economic development by providing the population with a new source of income from gathering the nuts, helping to preserve biodiversity by preventing deforestation.

Andiroba oil is produced by pressing the nuts, which are dried in the sun. The resulting oil is refined in France, using a process developed by experts at Laboratoires Expanscience, is **decolourised** and **deodorised**, and has good stability to oxidation. It is naturally rich in unsaponifiables (up to 3%), mainly phytosterols and atypical triterpenes (limonoids), contributes to strengthening the hydrolipidic film and has reparative, soothing and anti-inflammatory properties.

The limonoids (particularly andirobin), one of the most important properties of Andiroba Oil, are described in literature as a natural protection from insect bites and other parasites. These natural qualities make the oil particularly useful for soothing products for sensitive skins, after-sun care or hair.

Recommended usage level: 0 – 100%

## Algaenia®

(INCI: Glycerin, Propanediol, Water, Chlamydomonas Acidophila Extract)

Bio-inspired active ingredient from a patented bio-enzymatic process. Peptides of chlamydomonas acidophila microalgae are sustainably sourced from France.

Algaenia provides a cocoon protection for sensitive skins by modulating inflammation against stresses and limits its visible effects. It protects against sensitisation and allergic reactions as well as providing moisturising and soothing properties.

Recommended usage level: 0.5 – 3%

## Ayuredi®

(INCI: Propanediol, Water, Ocimum Sanctum Leaf Extract)

Eco-designed active ingredient based on Holy basil polyphenols, an Ayurvedic plant sourced in Thailand. AYUREDI® strengthens cell defences to fight skin ageing and under eye wrinkles by protecting the skin from oxidative stress induced by environmental and psychological stresses, and in particular damages linked to cortisol.

Boosts cell energy and breathing to illuminate the skin by protecting and restoring the essential functions of mitochondria, the energy factories of our cells. Reduces inflamm'ageing to soothe the skin by decreasing inflammation mediators' production whilst adding glow to the skin. Ideal for anti-ageing, holistic and eye care products.

Recommended usage level: 1 – 3%

## Calybiota<sup>®</sup> Bio

(INCI: Glycerin, Water, Bombax Costatum Flower Extract)

Calybiota<sup>®</sup> Bio is an extract rich in polysaccharides of red Kapokier calyces, a tree sourced in Africa. Calybiota<sup>®</sup> Bio is COSMOS certified by Ecocert and is particularly recommended for personal care and intimate hygiene products.

A clinical study has demonstrated its protective role of the vaginal flora. This study revealed a prebiotic effect in this flora, showing a reduction in inflammation and feelings of discomfort, hydration of the intimate area and an improvement in sexual comfort.

Calybiota<sup>®</sup> Bio is also recommended for acne-prone, atopic/ eczematous or hypersensitive skin, as well as for deodorant formulas, limiting unpleasant odours. This active ingredient protects and maintains the balance of the skin microbiota.

Recommended usage level: 1 - 3%

## CERAFLUID

(INCI: Olive Glycerides, Ceramide NP)

CeraFluid is an exceptionally easy to formulate liquid Ceramide which shows the highest compatibility with skin components thanks to its natural Olive di- and triglycerides base.

It provides long-term hydration as well as improving adhesion amongst Corneocytes, thus regulating skin barrier for water retention and protecting it from external aggression.

It also improves skin elasticity and smoothness and helps to restore the barrier effect leading to protection and prevention of dehydration.

Recommended usage level: 0.5 - 2.5

## Canadian Willowherb<sup>™</sup> 5C PF

(INCI: Water (and) Epilobium Angustifolium Flower/Leaf/Stem Extract)

Canadian Willowherb<sup>™</sup> 5C PF is a Cosmos certified multi-functional active ingredient that contains bioactive molecules such as Oenothien B which has 5- $\alpha$ -reductase inhibitory activity, antioxidant and anti-bacterial properties. Its primary function is as a non-steroidal anti-irritant ingredient with free radical scavenging ability.

Canadian Willowherb<sup>™</sup> 5C PF provides a prebiotic activity by modulating skin microbiota growth. Its anti-irritant and redness reduction properties show a strong reduction of skin redness induced by chemicals or UV exposure within 30 minutes.

Ideal for anti-acne, redness, anti-ageing, intimate care, oral care (anti-irritant/ bleeding gums), sun care (reduces UV-induced erythema) and baby care (nappy rash).

Recommended usage level: 1 - 3%

## Citruel Bisabolol

(INCI: Bisabolol)

Citruel Bisabolol (100% (-)- $\alpha$ -bisabolol) is a natural and organic product (free from Farnesol) obtained from the fractional distillation of the essential oil of a native Brazilian, Candeia (*Eremanthus erythropappus*).

The Candeia tree contributes to the restoration of degraded areas and in places of difficult implantation of agricultural crops. Even in low fertility soils, it offers a very rich oil in (-) Alpha bisabolol, isomer responsible for the effectiveness of anti-irritant and anti-inflammatory action. Compatible with all skin types, especially sensitive skin to calm, heal and regenerate whilst offering anti-microbial and anti-bacterial properties.

Citruel employs sustainable management techniques of Candeia, evaluating its environmental, social and economic aspects, respecting the pertinent legislation and not compacting with practices of illegal extraction of wood and other forestry activities that hurt the concepts of ethics or natural resources.

Recommended usage level: 0.07 - 1.0%

## Copaiba Balm

(INCI: Copaifera species resin oils)

The Copaiba resin-oil, also known as Copaiba balm, is a natural substance with resinous aspect, non-volatile, formed by diterpenic acids, and by an essential oil composed by sesquiterpenes.

The Copaiba balm offers emollient, anti-inflammatory and bactericidal properties. In cosmetics its main use is in perfumery as an excellent odour fixative, in addition to cosmetic preparations such as: soaps, frothy, detergents and creams. In addition to more traditional uses, copaiba balm can still act as an anti-irritant active in facial masks.

Recommended usage level: 1 - 10%

## Cupuaçu butter

(INCI: Theobroma grandiflorum Seed Butter)

The low melting point of cupuaçu butter enables it to quickly melt into the skin and the triacylglycerols offer excellent water absorption capacity (stabilises emulsions and assists in hydration), as well as absorbing UV rays. Rich in phytosterols;  $\beta$ -sitosterol, stigmasterol and campesterol it reduces the dryness and dehydration of the skin as well as absorbing UVB and UVC radiation.

Ideal for use in numerous applications such as, skin creams, lotions, lipsticks, bath oils, soaps, conditioners, hair masks, after-shave emulsions, creamy deodorants, sunscreens, shampoos for dry, brittle and chemically treated hair, eye pencil, children's products, makeup, dermatitis and burn treatment, anti-ageing creams, hand and foot lotion plus cuticle cream

Recommended usage level: 0.5 - 8% moisturising lotion, conditioner; 0.5 - 1% liquid soap and shampoo; 0.5 - 30% bar soap, lipstick, lip moisturiser

## Corneopeptyl™

(INCI: Glycerin, Water, Hexapeptide-9)

Corneopeptyl™ is a patented peptide biomimetic to the LCE6A protein, obtained by green chemistry-based synthesis. It acts on the skin's surface to strengthen its natural barrier protection. Skin is empowered to tackle premature damage and ageing signs, for both the younger and older generations.

Key benefits include rebuilding the skin barrier 7 days, reducing the appearance of wrinkles and fine lines in 14 days, improving skin tonicity, smoothness and hydration in 28 days and making the skin appear 2 years younger in 28 days with just 1 application per day!

Recommended usage level: 0.1-1%

## CYTOFRUIT® WATERS Bergamot

(INCI: Citrus Aurantium Bergamia Fruit Extract)

CYTOFRUIT® WATERS Bergamot is a Cosmos certifiable and circular economy fruit water from the production of Bergamot juice. The fruits are harvested in the Mediterranean.

Bergamot offers calming and antiseptic properties for irritated skin as well as cooling and refreshing benefits. Ideal for use in cleansers and toners to achieve clear and flawless skin.

Thanks to the presence of oligo-elements, this CYTOFRUIT® Water could sustain skin biological benefits through an improvement of cell vitality, a protection against external agents or a physiological improvement.

Recommended usage level: 1 - 100%



## Defenscalp™ PF

(INCI: Glycerin, Water, Epilobium Angustifolium Flower/Leaf/Stem Extract )

Defenscalp™ PF extracted from rosebay and titrated in oenothien B polyphenols,

Defenscalp™ is a smart multifunctional plant-derived ingredient designed to naturally and gently regulate the Malassezia proliferation responsible for dandruff, while preserving the scalp microbiota ecosystem.

As a scalpfriendly alternative to irritating classical anti-dandruff ingredients, Defenscalp™ provides outstanding clinical results on sebo-regulation and anti-dandruff action from the first use, without side-effects.

Defenscalp™ normalises sebum, reinforces Corneocyte cohesion and modulates the scalp immuno-inflammatory defence system to maintain a healthy flake free non-oily looking scalp and hair. Ideal for greasy hair products as well as anti-dandruff and sensitive scalp care.

Recommended usage level: 0.5 – 1.0%  
Preventative hair care 1.0 – 1.5% Intensive hair care

## Epin'Derm

(INCI: Bisabolol, Mauritia flexuosa fruit oil)

Epin'Derm by Citróleo Group acts as a protective, firming, soothing, repairing, antioxidant, anti-inflammatory, rejuvenating, anti-aging, anti-wrinkle and anti-pollution agent. It is a 100% natural complex proven to decrease wrinkles and fine lines of skin. It is rich in fatty acids, carotenoids (provitamin A) and natural antioxidants.

It promotes immediate lifting effect, improves firmness, lightness and elasticity of the skin. It repairs damages and protects the skin barrier against pollution and various external aggressors. It has a beneficial effect on the process of tissue repair by neutralising free radicals as well as anti-inflammatory, anti-irritant and post-sun and depilatory soothing action, aiding in the prevention of skin aging.

It is a natural alternative to retinoids and synthetic actives. It is suitable for face and body skin in the prevention and treatment of wrinkles, sagging, prolonged hydration. Epin'Derm is used in sun products and post-sun action and post hair removal products.

Recommended usage level: 0.1 - 3%

## DefensoWin™

(INCI: Ectoin)

A powerful pure molecule from a specific selected bacterial strain from cutting edge bio-fermentation technology.

This probiotic works by balancing the skin microenvironment to help prevent acute environmental stress whilst providing superior moisturisation and improving skin barrier function. Ectoin possesses excellent anti-acne properties and is clinically tested to provide high skin cell protection against osmotic stress.

Recommended usage level: 0.5 - 2%

## Epionine® Bio

(INCI: Camellia oleifera seed extract)

Eco-designed active ingredient obtained by molecular distillation. Epionine® Bio is inspired from the Greek goddess, Epione the goddess of gentle medicine, wellness and harmony.

This 100% certified organic, eco-designed active is a concentrate from Tea Oil Camellia Seeds that provides skin wellbeing, from both internal and external stresses. The link between skin and brain is very strong as it has the same embryological origin in utero. This explains why skin discomfort can impact our overall wellbeing and lead to psychological stress or a degraded emotional state.

Epionine® Bio protects dry skin from psychological stress, effectively reduces skin inflammation, soothes the skin, strengthens the skin barrier function and moisturises. Clinical studies show Epionine® Bio provides a sense of wellbeing, modulates skin psychological signs linked to emotional excitement and has a positive effect on the mind.

Recommended usage level: 0.1 - 1%

## EquiBiotics™ LRh

(INCI: Maltodextrin, Lactobacillus Ferment)

Probiotic-derived active ingredient obtained from *L. rhamnosus* LRH020 tyndallization process that naturally supports the resident microbiota through the promotion of commensal bacteria. It is able to exert a "prebiotic" effect on Synbalance® strains to promote probiotic growth as efficiently as glucose. EquiBiotics™ LRh strengthens the skin barrier and its natural defences to promote the skin ecosystem along with well-being by preventing the colonisation of pathogens. It significantly reduces TEWL, redness and wrinkle depth whilst improving elasticity and firmness. Ideal for biotic serums, active make-up, protective lotions, soothing gels, strengthening creams and skin relief treatments.

Recommended usage level: 0.5 - 2.0%

## Evicide® G 6

(INCI: 1,2-Hexanediol)

Evicide® G 6 is a skin-friendly refatting agent and powerful moisturiser offering broad-spectrum antimicrobial protection to leave-on products including masks. It is widely used as a natural preservative boosting agent.

Recommended usage level: 0.5 - 3.0%

## EUK-134™

(INCI: Ethylbisiminomethylguaiacol Manganese Chloride)

EUK-134™ is a highly purified molecule that mimics Superoxide Dismutase (SOD) and Catalase activities. It scavenges Superoxide free radicals, eliminates Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>) and transforms ROS into water and Oxygen which are beneficial for the skin and as a radio therapy treatment ingredient.

EUK-134™ has the unique capacity of regenerating itself during its scavenging action. Thereby, EUK-134™, by itself, represents a complete nature-mimetic antioxidant system that can be used as an active cosmetic ingredient to limit premature ageing, reduce photo-ageing, protect the skin and its DNA from sun damage, and decrease redness.

Recommended usage level: 0.01 - 0.05%

## FUCOREPAIR

(INCI: Hydrolysed fucoidan)

FUCOREPAIR is composed of fucoses designed for anti-ageing skin care products and are particularly suitable for sensitive skins. Fucoidans are insoluble high molecular weight (50-1000 kDaltons) polymers composed of sulfated fucose. They are known to be involved in a wide range of biological activities, including stimulation of cellular metabolism and immunomodulation.

FUCOREPAIR acts by regulating the balance between deterioration and repair of extracellular matrix to decrease the wrinkles and the redness on the skin, thereby reversing the signs of ageing. Wrinkle depth is significantly reduced compared to placebo.

Recommended usage level: 1.5%

## Fucus MicroPlant 50

(INCI: Fucus vesiculosus powder)

Fucus are brown algae that have been used for more than a century for industrial uses (thalassotherapy cares, health food, cosmetics, fertilisers and feedstock). This algae rich in iodine, vitamins and minerals. It is recognised for its anti-fatigue and anti-inflammatory, moisturising and soothing properties. It is regularly used to formulate slimming and moisturising cosmetic products. Fucus MicroPlant 50 is ideal to formulate powder forms formulations as face masks or body wraps.

Recommended usage level: 1 - 100%

## Heliosoft™

(INCI: Behenyl Alcohol, Glyceryl Behenate, Lecithin)

Heliosoft™ is a 100% natural origin O/W emulsifier, composed of sunflower phospholipids and fatty esters and alcohols from rapeseed.

Phospholipid-based, Heliosoft™ promotes lamellar organisation in formulas, providing a perfect affinity to the skin and an extreme tolerance. This biomimetic structure of Heliosoft™ brings an unctuous touch, while leaving a very soft and comfortable sensation as well as a protective film on the skin after application. Heliosoft™ is highly efficient as it is able to emulsify up to 40% oil alone at 4% and is compatible with all kind of oils, pigments, chemical and physical UV filters. It can also be added to formulas as a co-emulsifier or skin feel enhancer, thus providing formulators high flexibility to create very fluid to thick textures.

Not only is Heliosoft™ an efficient emulsifier, but its phospholipid components also give it strong active properties as well keeping the skin moisturised, repairing damaged skin by quickly restoring the skin barrier function and enhancing the bioavailability and penetration of active ingredients for improved efficacy.

Heliosoft™ is the ideal emulsifier to create emulsions especially dedicated to sensitive skin.

Recommended usage level: O/W emulsifier: 2 - 4%; Co-emulsifier: > 1%; Texture enhancer: > 1%



## IBR-CalmDeAge®

(INCI: Glycerin, Water, Phoenix Dactylifera (Date) Seed Extract )

IBR-CalmDeAge® is an aqueous extract from palm date seeds, upcycled from the food industry, able to slow down cell proliferation as well as prevent oxidative damage, thereby slowing down ageing, globally.

The GLOBAL ANTI-AGING effect is observed in vitro and in vivo. Capturing the oasis calming, soothing and restful environment where date palms are naturally grown providing refreshment and rejuvenation, the product is able to diminish dark circles and significantly relieve rosacea symptoms via vasoconstriction and reduction of irritation.

Rosacea is a chronic condition characterised by facial erythema (redness) as a result of blood capillary breakage, irritation and inflammation. Rosacea is a harmless condition, but it may cause one to be self-conscious or embarrassed. There is no known cure for rosacea. Under-eye dark circles are dark blemishes around the eyes. There are many causes of dark circles, including heredity, allergies, eczema, and bruising.

Recommended usage level: 3 - 5%

## Immunight™

(INCI: Triheptanoin, Lavandula Hybrida Extract)

Green-processed unique extract, organically grown lavandin from Provence, France. This unique extract improves the production of melatonin by skin cells, regulates clock gene expression and modulates the skin immuno-inflammatory response.

Immunight™ resynchronises the skin's circadian rhythm with a melatonin-like action, helps improve the skin immune system, soothes skin, reduces the visible signs of fatigue such as dark circles and provides a more relaxed and radiant skin.

Recommended usage level: 0.1 - 0.5% (preventative action); 0.5 - 1.0% (intensive action)

## IBR-Chill™ all natural

(INCI: Glycerin, Water, Cistus Incanus Flower/Leaf/Stem Extract)

The link between anxiety, psychological stress and ageing is well-known. They activate skin immune cells, which produce stress hormones resulting in a vicious cycle of stress-induced inflammatory events. Inflammation results in cellular aging and deterioration in healthy skin function. Meditation blocks stress-induced inflammation to fight Anxi-Aging™. By capturing the desert chill vibe IFF Lucas Meyer Cosmetics screened a number of plants endemic to the Israeli desert for their capacity to block CRH-R1 receptor activity.

This resulted in the development of IBR-Chill™, an aqueous extract of sustainably sourced organic pink rock-rose. IBR-Chill™ is standardised for myricitrin, a flavonoid glycoside, previously reported to have anti-anxiety effects. Making IBR-Chill™ the perfect active to fight anxiety and stress related skin ageing.

IBR-Chill™ was found to block the CRH-R1 receptor to prevent NF-kB activation and downstream inflammation – biomimicking meditation. IBR-Chill™ delivers a novel cosmetic strategy to block stress-induced Anxi-Aging™ for healthy and youthful looking skin.

Recommended usage level: 0.5 - 1%

## Insapolive

(INCI: Olea Europae (olive) Oil)

Insapolive is a 100% vegetable emollient, composed of Olive Oil unsaponifiable, rich in sterols and squalene. It participates actively in hydrating and soothing skin, whilst also acting as a co-emulsifier. Sterols and squalene are naturally present respectively in our alimentation (oils) and at the surface of our skin, and have an important action on the epidermis hydration. Ideal for sensitive, dry and mature skin.

Recommended usage level: 5-10%

## MERISTEM

(INCI: Aqua, Quercus Robur Root Extract)

Meristem is a water extracted botanical ingredient sourced from Oak tree root growth tissue (Meristem). Plant Meristem cells are rich in substances physiologically active to support and protect cell growth, especially Phenylpropanoids which play a very important role in defending the plant against external stresses.

In vitro studies have shown that the material modulates the agonist of the TRPV3 pain receptor (nociceptive) system by more than 50% in 24h. In the skin this results in a lenitive and soothing behaviour.

Recommended usage level: 0.5 - 2.0

## Noni Juice

(INCI: Morinda citrifolia fruit juice)

Deeply rooted in traditional Tahitian culture, Noni has been used for over 2000 years by the Polynesian people and is considered as a remedy and widely used as a medicinal plant.

Noni juice is said to have immunostimulatory, analgesic and anti-inflammatory properties, and protects the body from various diseases whilst delaying ageing.

In cosmetic applications it is known for its vitalising, energising and stimulating properties.

Recommended usage level: 1 – 10%

## Organic Hemp Water

(INCI: Cannabis sativa seed water)

Organic Hemp Water is an hydrolat obtained by water-steam distillation. The stems and leaves are crossed by water-steam. The steam is condensed and the recovered fluid is composed by water.

The Organic Hemp Water concentration is 100% : 1kg of Organic Hemp is processed to obtain 1kg of Organic Water. It is THC free!

Recommended usage level: 1 - 100%

## Neutrazen™

(INCI: Water (and) Butylene Glycol (and) Dextran (and) Palmitoyl Tripeptide-8)

Neutrazen™ is a true neurocosmetic specifically designed to prevent and reverse signs of neurogenic inflammation. Neutrazen™ is an innovative Tri-peptide linked to a lipid for optimal penetration and efficacy.

Neutrazen™ instantly calms and soothes irritated skin and helps to maintain and restore a normal skin sensitivity threshold. Ideal for laser treatment as reduces sensitivity and diminishes pain sensation.

Recommended usage level: Intensive treatment: 2.5% Preventive treatment: 1 to 2.5% Sensitive skin addition: 0.3 to 1%

## Organic CBD Oil

(INCI: Cannabis sativa seed oil, Cannabidiol)

ORGANIC CBD OIL is a hemp extract obtained by extraction of Organic hemp's stems (Cannabis sativa) in a base of Organic Hemp seed oil. CBD OIL contains 1% CBD composition without any THC content.

It is a unique process which extracts the CBD from the stems and seeds to respond positively to regulatory constraints. CBD is known to reduce redness and soothe the skin. It is also known for its sebostatic, anti-acne and non-comedogenic properties.

Recommended usage level: 1 - 10%

## Organic Refined Mango Butter

(INCI: Mangifera Indica Seed Butter)

Organic Mango Butter is rich in oleic, stearic and palmitic acids and vitamins A, C and E to hydrate and moisturise the skin, protect against the drying effect of soaps and prevent scalp dryness.

Melts at body temperature and is ideal for sticks, balms, hand creams, body butters and lip balms, as well as haircare.

Recommended usage level: 1-3%

## Organic Sunflower Oil

(INCI: Helianthus Annuus Seed Oil)

Organic Sunflower Oil is rich in linoleic acid, oleic acid and vitamin E and helps to soothe and moisturise the skin, as well as condition dry hair. Ideal for use as a base oil in anhydrous products and also in skincare, haircare, baby, massage and bath products. Available in Organic Deodorised high oleic and Organic Deodorised options.

Recommended usage level: up to 70%

## Organic Undaria Water

(INCI: Undaria pinnatifida extract, Citric acid, Sodium benzoate, Potassium sorbate)

Coming from the Atlantic Ocean, Undaria Pinnatifida is also known as Wakame and is ideal for sensitive and mature skin. Rich in antioxidant and oligo elements, it is an ally to formulate anti-ageing cosmetic products.

Organic Undaria Water is obtained by evaporation and condensation of fresh Undaria pinnatifida and offers formulators the opportunity to replace water in formulations. It is also a perfect way to increase the organic percentage while saving earth's primary resources.

Recommended usage level: 1 - 100%

## Organic Virgin Apricot Oil

(INCI: Prunus Armeniaca Kernel Oil)

Organic Virgin Apricot Oil has a dry touch and is rich in Omega 6 & 9 essential fatty acids, Vitamin A & Tocopherols to moisturise and nourish, with soothing and antioxidant benefits. Also helps to reduce signs of ageing and brighten dull skin for a healthy glow. Ideal for skincare, makeup, babycare, body and massage products.

Recommended usage level: 1-10

## Organic Virgin Castor Oil

(INCI: Ricinus Communis Seed Oil)

Organic Virgin Castor Oil is a rich oil with a particularly high content of Ricinoleic acid which is an excellent alternative to petroleum derived emollients and offers strong film forming, water resistance, soothing and calming properties as well as being an excellent pigment dispersion agent and hair growth stimulant. Ideal for atopic skin, lip care and haircare.

Recommended usage level: 3 - 6% in haircare; 2 - 20% in makeup.

## Organic Virgin Jojoba Oil

(INCI: Simmondsia Chinensis Seed Oil)

Organic Virgin Jojoba Oil is a liquid wax ester rich in unsaponifiables and oleic acid to help moisturise, calm and regenerate the skin, as well as having sebum regulating properties. Ideal for any skin type from oily to dry, mature or sensitive.

Recommended usage level: 1-10%

## Organic Virgin Pomegranate Oil

(INCI: Punica Granatum Seed Oil)

Organic Virgin Pomegranate Oil contains 60% alpha-punicic acid, known for its calming and healing properties as well as vitamins E and F, to restore skin barrier and protect skin against UV and pollution. Ideal for atopic and mature skin, the eye contour, aftersun, after shave and after-depilatory products and products for dry hair.

Recommended usage level: 1-10%

## Organic Virgin Raspberry Oil

(INCI: Rubus Idaeus Seed Oil)

Organic Virgin Raspberry Oil is made from by-products from the food industry. Rich in alpha and gamma-tocopherols, Vitamin A, Omega-3 and in particular, Omega-6, containing up to 60% linoleic acid. Ideal for sensitive, dry, tired or mature skins, it brings repairing and protecting properties and is also ideal to help reduce the effects of oxidative stress.

Recommended usage level: 1-10

## Pink Clay

(INCI: Montmorillonite)

Pink Clay offers a red/pink colour with soothing, re-balancing and re-mineralising properties. Ideal for sensitive and reactive skin types. It is also very useful for tightening dilated pores and for attenuating small skin redness. Can also provide natural colour to cosmetic products for a healthy glow effect.

Recommended usage level: 1 - 40%

## Plerasan<sup>®</sup> Re-balance

(INCI: Aqua, Beta-glucan)

A natural polysaccharide found in the cell wall of the oyster mushroom. This biologically active beta-glucan balances the skin defence system of sensitive skin whilst stimulating the skin repair process. It improves skin moisturisation whilst protecting the skin and boosting active ingredients.

Confirmed clinical effect in patients with mild to moderate eczema. Ideal for post-laser/peeling treatments, after shave, wound healing, after sun, baby care.

Recommended usage level: 2.0%

## PHYTOSERENE

(INCI: Phytosterols)

PhytoSerene is a pure beta-sitosterol; a natural micro-nutrient plant lipid found in the cells and membranes of the Pine tree. Chemically, the material is very similar to cholesterol.

This plant sterol is different in its biological function and because humans do not synthesise sterols in the body, it is necessary to replace daily losses.

Phytoserene demonstrates the capacity to reduce skin redness after exposure to a chemical agent and to diminish TEWL by forming a protective barrier on the skin.

Recommended usage level: 0.5 - 2.5

## Pink Clay SP

(INCI: Kaolin)

Pink Clay SP is obtained by drying of natural clay (kaolinite). Then it is grinded to reduce the particle size.

Pink Clay SP is very rich in trace elements and mineral salts. It can constrict skin pores thanks to its astringent effect. Moreover, Pink Clay SP is antiseptic, and has regenerating properties.

It offers a healthy-glow effect, decreases redness and gives a clear complexion to tired skin.

It provides a pink colour

Recommended usage level: 1 - 40%

## Red Clay

(INCI: Montmorillonite)

Red Clay offers soothing, re-balancing and re-mineralising properties. Ideal for sensitive and reactive skin types. It is also very useful for tightening dilated pores and for attenuating small skin redness. Can also provide natural colour to cosmetic products for a healthy glow effect. In solid formulations, its pink-orange colour makes it a perfect additive for colouring soaps.

Recommended usage level: 1 - 40%

## Tamzan Pepper™ C

(INCI: Glycerine, Aqua, Tasmannia Lanceolata Fruit/Leaf Extract)

Tazman Pepper™ is a natural Australian active ingredient extracted from the Tasmanian pepper berry, specially designed for sensitive skin to protect and reduce skin sensibility for better skin and scalp health. Recommended usage level: 1 - 2%

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## Vegan DDS Diosmin

(INCI: Aqua, Mannitol, Phosphatidylcholine, Glycerin, Diosmine, Cetyl Alcohol, Decyl Glucoside, Potassium Sorbate, Sodium Benzoate, Xanthan Gum, Sodium Chloride)

Diosmin is considered to be the best flavonoid in terms of phlebotonic properties, capable of strengthening the capillaries, reducing their permeability and preventing their breakage. For this reason, its anti-inflammatory and anti-edematous properties are utilised cosmetically in products designed for tired legs.

It is also used as a treatment for capillary fragility, skin irritations and couperosis as well as soothing, sun care or post intervention and sensitive/ reactive skin types in cosmetic products. As with other flavonoids, Diosmin is a powerful antioxidant which neutralises cell deterioration produced by contamination generated free radicals, UV light or IR radiation which accelerate premature aging of the skin.

By encapsulating Diosime in the Deep Delivery System (DDS) it is specifically delivered to the deepest strata of the epidermis for a more intense and precise effect on the structures and cells located there. It also enables up to twelve times the amount of active ingredient to reach the interior of the skin compared to when applied freely.

Recommended usage level: 1 - 10%

## Tazman Pepper™ AF

(INCI: Glycerin, Aqua, Tasmannia Lanceolata Fruit/Leaf Extract)

Tazman Pepper™ is a natural Australian active ingredient extracted from the Tasmanian pepper berry, specially designed for sensitive skin to protect and reduce skin sensibility for better skin comfort.

Recommended usage level: 1 - 2%

## Vegan DDS Enoxolone

(INCI: Aqua, Mannitol, Phosphatidylcholine, Glycerin, Polyglyceryl-10 Laurate, Cetyl Alcohol, Sodium Benzoate, Potassium Sorbate, Glycyrrhetic Acid, Xanthan Gum)

Enoxolone, derived from licorice root, is extensively used in Chinese natural medicine for its anti-inflammatory, antioxidant, and antimicrobial properties. It inhibits the enzyme 11-hydroxysteroid dehydrogenase, reducing inflammation and offering benefits like preventing DNA fragmentation, itchiness in dermatitis and promoting skin tone evenness.

Enoxolone is a superior alternative to hydrocortisone for treating conditions such as, eczema, dermatitis, psoriasis, acne, sunburn, and hyperpigmentation. Encapsulated within DDS (Deep Delivery System), which is composed of mainly phospholipids and membrane stabilisers, it contains the right amount of penetration enhancers and edge activators that help the system reach the desired cells for maximum efficacy. Once there, Enoxolone helps soothe and calm irritated skin, reduces the appearance of age spots and protects the skin from free radical damage whilst moisturising the skin making it softer and smoother.

Recommended usage level: 1-10%



## Vegan DDS K1 Oxide

(INCI: Aqua, Mannitol, Phosphatidylcholine, Glycerin, Phytonadione Epoxide, Cetyl Alcohol, Polysorbate 80, Decyl Glucoside, Potassium Sorbate, Sodium Benzoate, Xanthan Gum, Citric Acid, Sodium Chloride)

Vitamin K1 Oxide (Phytonadione Epoxyde) is used for cosmetic purposes and is a derivative of Vitamin K1 which is typically found in dark green leaved vegetables such as broccoli, spinach, cabbages etc. It has a fundamental role in the synthesis of prothrombin (factor II) and clotting factors VII, IX and X.

In addition it blocks the formation of hemosiderin and avoids blood extravasation giving it a high decongestive capacity as well as a high capacity to reduce erythema and facial irritations. For these reasons it is also used in products which treat sore skin, couperosis and general skin irritations. Owing to its effect on build ups of hemosiderin, it reduces the violet pigmentation found in under-eye circles and hematomas.

It has also demonstrated a moderate anti-ageing effect with prolonged treatments, being capable of increasing the moisturisation, elasticity and texture of the skin. Encapsulated within INdermal's Deep Delivery System (DDS) for delivery to the deepest strata of the epidermis for a more intense and precise effect on the structures and cells located there. The use of DDS enables up to twelve times the amount of active ingredient to reach the interior of the skin compared to when applied freely.

Recommended usage level: 1 - 10%

## Vegan DDS Niacinamide

(INCI: Aqua, Mannitol, Phosphatidylcholine, Glycerin, Niacinamide, Cetyl Alcohol, Potassium Benzoate, Sodium Benzoate, Xanthan Gum, Citric Acid, Sodium Chloride)

Niacinamide is a version of Vitamin B3 and is well known for its positive effect on skin health such as, brightness, hydration, pore and wrinkle reduction as well as fighting inflammation. While Niacinamide is very stable it can break down when it is in extreme acid or alkaline environments. The Vegan DDS delivery system not only provides protection, it also enables up to twelve times the amount of active ingredient to reach the interior of the skin compared to when applied freely.

Recommended usage level: 1-10

## Vegan DDS Resveratrol

(INCI: Aqua, Mannitol, Phosphatidylcholine, Glycerin, Resveratrol, Cetyl Alcohol, Decyl Glucoside, Potassium Sorbate, Sodium Benzoate, Tocopherol Acetate, Xanthan Gum, Sodium Chloride)

Resveratrol is a polyphenol which is produced primarily in the skin of the black grapes. When applied to the skin it has a strong antioxidant effect, neutralising cellular deterioration caused by free radicals generated by pollution and UV light which together accelerate skin aging.

It also boosts the production of collagen, has anti-inflammatory and calming properties and a considerable illuminating effect. Only a few years ago it was discovered that Resveratrol activates the sirtuins which are the protective enzymes against cellular ageing, making this ingredient indispensable in terms of modern anti-ageing treatments.

Notwithstanding, it is a photosensitive molecule which can quickly switch to its isomeric cis-resveratrol form, reverting to a biologically inactive state. Furthermore, it is easily degradable by oxidation or by the presence of other compounds. For these reasons, the encapsulation of this active ingredient in the INdermal DDS system is extremely useful in that it prevents the degradation of the molecule while it is being transported and delivered to the deep layers of the skin.

Recommended usage level: 1 - 10%

## White Clay

(INCI: Kaolin)

White clay is very effective for fragile and dry skin thanks to its adsorbing, purifying, cleansing, absorbing and mattifying, repairing and soothing properties. White clay can be used in toothpastes as a thickener and/ or as mild abrasive.

Recommended usage level: 1 - 40%

## WHEAT CERAMIDE P

(INCI: Triticum vulgare (Wheat) seed extract)

Wheat Ceramide P is extracted from a by-product of wheat seed. It is a polar lipid fraction of wheat seed. As a consequence, it doesn't contain gluten protein fraction. Naturally present into the skin, ceramide is a molecule known to act as a cement between skin cells, which ensures an effective barrier function. Ceramide is also used as a major ingredient in cosmetic product formulations (skin and hair care) due to its nourishing assets. Ceramide is a natural nutrient which nourishes hair and epidermis. Ideal for dry and sensitive skin.

Recommended usage level: 0.3%

# Contact Us

Interested?

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