

# INFINITY GREDIENTS

Inspiring Cosmetics

Moisturising



# Moisturising

When it comes to giving skin that much-needed drink of hydration, there's a whole arsenal of heroes ready to help. At the formulation level, hydration strategies rely on a synergistic blend of: cost-friendly humectants like Glycerin, superstar hydrating agents like Hyaluronic Acid, and barrier-loving phospholipids that lock in moisture and keep pesky water loss at bay.

Plus, we've got emollients and powerful actives packed with essential fatty acids that work hard to restore and strengthen the skin's natural defense.

Your skin isn't just your body's biggest organ; it's your ultimate barrier, working around the clock to keep things in balance. Healthy skin loves a perfect combo of fat and moisture.

But when dryness strikes? Say hello to rough patches, dullness, flakes, and redness that can leave skin feeling tight, itchy, and oh-so-sensitive.

Insufficient moisture content is a key contributor to the early onset of fine lines and wrinkles. Supporting the skin's hydration mechanisms both by replenishing water and preserving lipid integrity is essential to preserving a youthful, healthy appearance.

We offer a comprehensive range of hydration-focused ingredients ideal for modern moisturiser formulations, including:

- Multi-weight hyaluronic acid for layered hydration
- Glycerin and PCA as classic NMF mimetics
- Fatty-acid-rich botanical oils and emollients for long-term skin comfort
- Skin barrier repair actives

Whether you're building lightweight gels, barrier-rich creams, or hybrid skin treatments, we help you formulate hydration solutions that deliver measurable results without compromising skin feel, stability, or safety.

## 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%

## APIBREEZE™

(INCI: Aqua, Gluconolactone, Glycerin, Honey, Lactobionic Acid)

APIBREEZE™ is a 100% natural active ingredient that offers a mild skin renewal together with and ethical and responsible supplying with biotechnological polyhydroxy acids (PHAs) as gluconolactone and lactobionic acid, and an award-winning multi-flower honey, locally produced, to meet growing demand for sustainability and well-tolerated ingredients.

In vitro have demonstrated that APIBREEZE™ has a keratolytic action as effective as glycolic acid with no irritant effects.

Suitable for sensitive skin, it prevents premature ageing, promoting the optimal maintenance of the extracellular matrix and boosting collagen, ensuring a moisturising effect, acting on hyaluronic acid synthesis.

The glow of a new skin emerges naturally, whatever the skin type, season, or time of day.

Recommended usage level: 5 – 10% hydration; 20% exfoliation

## AlphaVelvety

(INCI: Bisabolol, Orbignya oleifera seed oil, Virola sebifera nut oil, Theobroma grandiflorum seed butter, Carapa guaianensis seed oil, Macadamia integrifolia seed oil)

AlphaVelvety is a multi-functional active for the body, face and hair, with an unprecedented balance between its biocompounds, oleic, lauric and myristic fatty acids.

This guarantees complete absorption by the hair fiber, providing a hydrophobic protection to the surface of the hair. On the surface of the epidermis the dry touch is already felt in the first application, wrapping it in a protective film, promoting the feeling of healthiness, with a composition that simulates the skin, due to its great affinity for it.

Due to its broad action potential that ensures lip regeneration, it is recommended for balms and lipsticks. As well as masks and shampoos to guarantee hydration and in conditioners for the treatment and softness of hair

Recommended usage level: 1 - 3%

## APPLE - ECO

(INCI: Aqua, Glycerin, Pyrus Malus (Apple) Fruit Extract, Potassium Sorbate, Sodium Benzoate)

APPLE – ECO is standardised extract in Glycerin / water from the fruits of "Pyrus malus L.", harvested from organic crop. It contains 0.5 - 1.5% of reducing sugars.

Trans-epidermal water loss (TEWL) regulatory activity is due to the carbohydrates and  $\alpha$ -hydroxyacids (AHA) in apple. Most AHA's are natural active compounds that promote normal keratinization and desquamation.

Carbohydrates are hygroscopic, namely they adsorb water thus contributing to keep a healthy moisture level in the horny layer. Due to its high content in phenol compounds and vitamin C, apple has antioxidant properties, scavenges free radicals and protects the organism from cell deterioration.

Apple Eco is highly recommendable to formulate cosmetic products with moisturising activity on skin and hair.

## APRICOT EXTRACT H.GL. - M.S

(INCI: Glycerin, Aqua, Prunus Armeniaca (Apricot) Fruit Extract, Sodium Benzoate, Potassium Sorbate)

APRICOT EXTRACT H.GL. - M.S is an extract in a medium Glycerin/ water from the fruit of "Prunus armeniaca L."

Due to its high content in phenol compounds and vitamin C, apricot has antioxidant properties, scavenges free radicals and protects the organism from cell deterioration.

Trans-epidermal water loss (TEWL) regulatory activity is due to the carbohydrates and  $\alpha$ -hydroxyacids (AHA) in apricot. Cell regeneration stimulating activity is due to the  $\alpha$ -hydroxyacids (AHA) content of apricot.

APRICOT EXTRACT H.GL. - M. is useful to formulate cosmetic products for the protection of skin and hair against oxidative processes. It also provides moisturising and exfoliating activity.

Recommended usage level: 0.5 – 5%

## AQUAXTREM™

(INCI: Propanediol, Aqua, Rheum Rhaponticum Root Extract)

Activates the own mechanisms of the skin for a long-lasting moisturisation.

Skin hydration from the inside. Stimulates the skin natural mechanisms of hydration through the activation of PPAR- $\gamma$ . Stratum corneum resistance and cohesion. Improvement of barrier function and NMF. Normalises stratum corneum desquamation. Deep and long-lasting moisturisation.

Recommended usage level: 0.5 – 1.5%

## Aqualicia® Bio

(INCI: Hydrolysed Acacia Macrostachya Seed Extract, Maltodextrin)

Acacia macrostachya, a shrub native to Western Africa, grows in hot, dry environments. This species has adapted to these extreme climatic conditions and developed a natural strategy for capturing the water it needs to grow. Aqualicia Bio is a concentrate of peptides obtained from Acacia macrostachya seeds by a bio-enzymatic process that protects both people and the environment, patented by Laboratoires Expanscience.

This biomimetic active ingredient is sustainably sourced from Burkina Faso and helps trap and distribute water within the epidermis, controlling water loss and improving cohesion or the corneum and granulosum layers.

Recommended usage level: 0.1 – 0.5%

## ARGAN BUTTER®

(INCI: Octyldodecanol, Beeswax, Argania Spinosa Kernel Oil)

Argan Butter® is a creamy paste; using cold pressed natural Argan seed oil, NF quality white beeswax and naturally derived Octyl Dodecanol. The result is a Completely new natural product for use in skin and suncare.

This product adds new marketing dimensions for all Segments of personal care.

Recommended usage level: 1 - 50%

## AVOCADO EXTRACT GSB

(INCI: Glycerin, Aqua, Allium Cepa (Onion) Bulb Extract, Sodium Benzoate, Potassium Sorbate)

AVOCADO EXTRACT GSB is a water-soluble extract. Anti-ageing. Anti-wrinkles. Collagen synthesis stimulation. Wound healing. Antioxidant. Photoprotection. Restores skin barrier function. Sensitive or irritated skin. Moisturising.

Recommended usage level: 0.5 – 5%

## Biophytosebum

(INCI: Olive Oil Decyl Esters, Squalene)

Biophytosebum is sourced from olives and is 100% Natural. Biophytosebum is highly moisturising, nourishing, prevents TEWL, restores skin suppleness non-occlusive, and offers a great alternative to silicones. Patented process, organic version available.

Recommended usage level: 3-10%

## AVOCADO OIL

(INCI: Persea Gratissima (Avocado) Oil)

AVOCADO OIL is an emollient that stimulates the skin and improves dermal metabolism for an anti-ageing effect. It also provides moisturisation, wound healing, hair conditioning and repairing and anti-hair loss.

Recommended usage level: 0.5-5%

## Bitter Orange Cellular Extract

(INCI: Citrus aurantium amara Peel Extract; Citrus aurantium amara (Bitter Orange) Peel Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell.

Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

Bitter Orange offers an array of applications from blemish prone and reactive prone skin, and hydration to under eye care.

Recommended usage level: Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## CALENDULA - ECO

(INCI: Glycerin, Aqua, Calendula Officinalis Flower Extract, Potassium Sorbate, Sodium Benzoate)

CALENDULA – ECO is a standardised extract obtained in Glycerin / Water from the flowers of "Calendula officinalis L.", proceeding from organic crop.

It contains a minimum 20 ppm of Rutin. It is an anti-irritation product that promotes skin repair and healing. It soothes and protects the skin and is a free radical scavenger.

It is a moisturiser and stimulates skin defences. Recommended for tissue regeneration action. Due to its moisturising activity, calendula is ideal to formulate cosmetic products for dry, irritated or delicate skin.

Additionally, it is also recommended to formulate sun-protection cosmetics (to use before and after exposition to the sun), after-shave, balms and bath products.

Recommended usage level: 0.5-5%

## 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%

## CALENDULA EXTRACT H.GL. - M.S

(INCI: Glycerin, Aqua, Calendula Officinalis Flower Extract, Sodium Benzoate, Potassium Sorbate)

CALENDULA EXTRACT H.GL. - M.S. is a water-soluble extract. Re-epithelising and wound healing. Sensitive, dry or irritated skin. Anti-inflammatory. Soothing. Anti-aging. Repairing. Moisturising.

Recommended usage level: 0.5 - 5%

## CARNAUBA BUTTER<sup>®</sup>

(INCI: Octyl Dodecanol, Copernicia Cerifera)

Carnauba Butter<sup>®</sup> is a soft paste wax that has been specifically designed for skin care applications. It has an outstanding feel, good play time and emolliency when applied to the skin.

These attributes contribute to quality make up and colour applications. Zenitech uses only NF quality ingredients in this product.

Recommended usage level: 1 - 10%

## 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

## COCONUT MILK MS

(INCI: Aqua, Glycerin, Cocos Nucifera (Coconut) Fruit Extract, Cocos Nucifera (Coconut) Oil, PEG-60, Hydrogenated Castor Oil, Tocopherol, Phenethyl Alcohol, Caprylyl Glycol, Potassium Sorbate, Sodium Benzoate)

COCONUT MILK MS is a hydrolipidic extract of the "Cocos nucifera L." The main characteristic of coconut oil is the high content of saturated short and medium-sized chain fatty acids.

Due to its carbohydrates, proteins and fatty acids content coconut milk is highly recommendable to formulate cosmetic products with skin moisturising and skin conditioning activity and hair cosmetic products to protect, repair and conditioning the hair without flattening it.

Recommended usage level: 0.5-5%

## COCONUT EXTRACT H.GL.- M.S.

(INCI: Aqua, Glycerin, Cocos Nucifera (Coconut) Fruit Extract, Sodium Benzoate, Potassium Sorbate)

Water-soluble extract, providing moisturising, filmogenic, barrier function restoring, conditioning (hair and skin), protection and repairing.

Recommended usage level: 0.5 – 5%

## Comfrey Cellular Extract

(INCI: Symphytum officinale Leaf Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell.

Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

A herb-derived ingredient that can be used in skincare to soothe, hydrate, and protect the skin.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## Cupuaçu Butter

(INCI: Theobroma grandiflorum Seed Butter)

Cupuaçu (*Theobroma grandiflorum*), a relative of Cacao, is a tree from the primary and rainy forests of the Amazon. Laboratoires Expanscience contribute to the local economic development in Brazil as harvesting the Cupuaçu provides the population with a new source of income and helps to preserve biodiversity by preventing deforestation.

The seeds are dried and cold-pressed to extract the crude butter. The resulting butter, which is refined in France using a process developed by experts at Laboratoires Expanscience, is entirely decolourised and deodorised, and has very good stability to oxidation. Cupuaçu butter has a higher phytosterol content (>300 mg/100g) than other butters (shea, cacao), which helps to strengthen the hydrolipidic film; it also has repairing properties.

Cupuaçu butter is rich in hydrating fatty acids (oleic, stearic) and is also very nourishing. It provides a real plant-based alternative to lanolin on account of its excellent capacity to maintain the skin's hydration levels. Cupuaçu butter soothes and softens even the driest of skins and repairs dry and damaged hair. The key to its softness lies in its inimitable melting texture, which gives formulas a "velvety" feel.

Recommended usage level: 0 - 100%

## 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%

## Desert Lime Cellular Extract

(INCI: Citrus Glauca Fruit Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell. Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

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Desert Lime has adapted over centuries to survive the harsh bushland of semi-arid Australian outback and is leading the next generation of advanced natural cosmetics. The fruit has been wild harvested by Aboriginal people for centuries and was referred to as the “native kumquat” by European settlers who used it to make jams and jellies.

NE Desert Lime Cellular Extract is a storehouse of natural compounds, to explore for hydration, barrier function and premature ageing all in one source. Multiple compounds = multifunctional single plant extracts. The NE Desert Lime Cellular Extract delivers natural molecules in a water-soluble format, including organic and amino acids, phenolics, ferulic acid and more.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## DRAGON FRUIT EXTRACT H.GL. - M.S

(INCI: Aqua, Glycerin, Hylocereus Undatus Fruit Extract, Potassium Sorbate, Sodium Benzoate)

DRAGON FRUIT EXTRACT H.GL. - M.S is a water-soluble extract that provides anti-ageing, antioxidant and photoprotection for mature skin.

It protects skin and hair integrity against oxidative processes, stimulates collagen synthesis, firms skin, soothes, moisturises and regulates TEWL as well as exhibiting wound healing properties.

Recommended usage level: 0.5 – 5%

## Echinacea Cellular Extract

(INCI: Echinacea purpurea Root Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell.

Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

A natural hearler, Echinacea contains active substances like cichoric acid that may help with skin concerns such as aging, hydration, wrinkling, and skin damage from UVA rays

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## Epionine<sup>®</sup> Bio

(INCI: Camellia oleifera seed extract)

Eco-designed active ingredient obtained by molecular distillation. Epionine<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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%

## Emu Apple Cellular Extract

(INCI: Kunzea Pomifera Fruit Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell. Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition. A true global player in brightening, anti-acne & anti-inflammatory.

Extensive peer reviewed research identifies (by compound) what the extract profile may be considered for, this untapped little fruit could be the next big premature ageing phyto-nutrient powerhouse for moisturising ageing skin and inflammation.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution.

## EquiBiotics<sup>™</sup> LRh

(INCI: Maltodextrin, Lactobacillus Ferment)

Probiotic-derived active ingredient obtained from L. rhamnosus LRH020 tyndallisation process that naturally supports the resident microbiota through the promotion of commensal bacteria. It is able to exert a "prebiotic" effect on Synbalance<sup>®</sup> strains to promote probiotic growth as efficiently as glucose.

EquiBiotics<sup>™</sup> LRh strengthens the skin barrier and its natural defenses 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, skin relief treatments and intimate care where it rebalances microbiota, modulates pH, combats dryness and enhances skin barrier.

Recommended usage level: 0.5 - 2.0%

## ESSACHEM® SILK-100

(INCI: Octyldodecyl Olivat, Caprylic/Capric Triglyceride, Polyglyceryl-3 Stearate/Isostearate Dimer Dilinoleate Crosspolymer)

ESSACHEM® SILK-100 is a new and novel Natural Sensory Complex designed as a 1:1 drop-in replacement for dimethicone 100 cSt in skin and hair care preparations, and colour cosmetic formulations. It marries the light, fast absorbing dry emollient attributes of ESSACHEM® EH with the barrier properties and distinctive skin aesthetics, of a unique proprietary natural polyester polymer.

This enhanced natural complex provides outstanding non-comedogenic sensory and barrier characteristics to both skin and hair. Its barrier forming properties provide a non-tacky film with enhanced spreading abilities. The complex provides remarkable non-greasy sensory attributes on the skin with a soft silky feel.

ESSACHEM® SILK-100, is your natural origin ingredient for replacement of 100 cSt dimethicone with superior skin aesthetics and "silicone-free" claims. COSMOS approved

Recommended usage level: Skin Care: 1.0 - 10.0%; Hair Care: 1.0 - 10.0%; Colour Cosmetics: 10.0 - 30.0%; Barrier Formation: 20.0 - 50.0%

## 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%

## Evicide® G 5 eco

(INCI: Pentylene Glycol)

Evicide® G 5 eco is a powerful moisturiser and a good aid for achieving a highly homogeneous droplet dispersion in O/W emulsions. However, its most interesting activity is the antimicrobial effect in cosmetic formulations with unlimited pH.

Pentylene Glycol is active against bacteria, yeast and mould. The mode of action is based on its amphiphilic structure, which also enables it to act as a potent penetration enhancer.

Recommended usage level: 5% when used as a moisturiser with full preservative effect; 3% use as moisturiser and preservative booster; 1% used as moisturiser and penetration enhancer

## Evicide® propanediol

(INCI: Propanediol)

Evicide® propanediol is a non-GMO, natural, COSMOS certified alternative to petroleum-based glycols.

This high purity (min. 99.8%) skin-friendly ingredient can be used as a humectant, preservative booster, emollient and carrier solvent.

Suitable for all personal care products including fragrances, toothpastes, mouthwashes, deodorants, hair, skin and suncare.

Evicide® propanediol enhances moisturisation and skin feel.

Recommended usage level: 1 – 40%

## Exo DDS Bakuchiol

(INCI: Aqua, Polyglyceryl-10 Laurate, Glycerin, Propanediol, Phosphatidylcholine, Bakuchiol, Cocobetaine, Persea Gratissima Fruit Extract, Butyl Avocadete, Maltodextrin, Sodium Cocoyl Isethionate, Caprylyl Glycol, Betasitosterol, Citric Acid, Phenylpropanol, Cocos Nucifera Oil, Sodium Isethionate, Tocopherol)

Bakuchiol is a vegan, antioxidant-rich ingredient derived from the *Psoralea corylifolia* plant. It reduces fine lines, wrinkles, and skin discoloration while soothing sensitive skin. Known for its anti-ageing benefits, it restores firmness, evens skin tone, and improves texture.

When bakuchiol is encapsulated in avocado exosomes, the exosomes act as a delivery system, enhancing bakuchiol's penetration into the skin. The avocado exosomes' regenerative properties, rich in proteins and lipids, promote cell communication and skin repair.

This combination allows bakuchiol to work more effectively, soothing, reducing fine lines, and improving skin texture, while benefiting from the exosome's targeted delivery. This synergy ensures deeper nourishment, improved absorption, and better overall skin rejuvenation.

Recommended usage level: 1 – 10%

## Eyebright Cellular Extract

(INCI: Euphrasia officinalis Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species' water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell.

Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules' natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

Eyebright is a herb that has a long history of healing that continues to this day through restoring our skin barrier and increases skin hydration

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## Finger Lime Caviar Cellular Extract

(INCI: Citrus Australasica Fruit Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell. Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

The NE Finger Lime Caviar Cellular Extract delivers the natural molecules this botanical species can offer in a water-soluble format, including limocitrin, tryptophan, flavone-C-glycoside, flavonoid glycosides, organic acids, amino acids and phenolics, to power your products naturally. These exotic “finger shaped” fruits are bursting with tiny pearls or caviar, loaded with exciting water-soluble phyto-compounds making it an ideal choice for barrier function, hydration, reactive skin conditions, blemished skin and wound healing.

Available as a concentrate or as a 10% dilution.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## 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%

## FLORALG WATER PF™

(INCI: Palmaria Palmata Extract, Pentylene Glycol)

FLORALG WATER PF™ is a biological algal water. It results from the slow and progressive drying process of fresh and organic red seaweed Palmaria Palmata. It is upcycled and can be used in formulation to replace water and increase the naturality and organic rate of the cosmetic formula. Recommended usage level: 5 - 100%

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## GLACIER THERMAL WATER

(INCI: Onsen-Sui, Sodium Benzoate, Potassium Sorbate)

GLACIER THERMAL WATER is a warm thermal water coming from the French Alps. It is particularly rich in calcium and magnesium. It directly acts on Involucrin and Transglutaminase production to fortify skin barrier against external aggressions

Recommended usage level: 1-100%

## Green Duo Cellular Extract

(INCI: Brassica oleracea italica Extract, Silybum marianum Seed Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell.

Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

The Green Duo Cellular Extract represents unique combinations of the water-soluble phyto-compounds extracted from Milk Thistle (Silybum marianum Seed), and Broccoli (Brassica oleracea).

With over 8 powerful natural compounds combined, this blend will have a major impact in the cosmetic industry offering something exciting for potential applications in hydration, premature aging and reactive skin conditions.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## Hemp Seed Oil

(INCI: Cannabis sativa Seed Oil)

Balances skin's sebum production to reduce the shine and prevent breakouts.

An effective moisturiser and protectant for skin, increasing the elasticity and bringing new life to dry, tired or dehydrated skin.

Recommended usage level: 1-10%

## Honeysuckle Cellular Extract

(INCI: Lonicera Japonica Flower Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell.

Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

Honeysuckle has natural anti-inflammatory and antibacterial properties, making it effective in soothing irritated skin and reducing breakouts. It also helps to hydrate and brighten the skin, promoting a healthier, more even complexion.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## Hyaluronic Tucuma Pro

(INCI: Astrocaryum Vulgare Fruit Oil)

100% natural BioActive sustainably upcycled with zero waste from the tropical pulp of the Tucuma fruit. Hyaluronic Tucuma offers excellent antioxidant properties and has high levels of carotenoids.

This bioactive stimulates the synthesis of hyaluronic acid in cells exposed to UV radiation by 44%, in addition to protecting this molecule from photodegradation by 88%.

This means not only strengthening the body's natural defences against the effects of ultraviolet radiation, but also reversing damage, such as cell ageing. Ideal for sun care, lip balms, make-up and moisturisation.

Recommended usage level: 0.5-5% hair and make-up; 0.5-3.0% body and facial cleansers; 0.5-5% body, face and bar soaps.

## Hyaluronic Tucuma Extra

(INCI: Astrocaryum Vulgare Seed Butter)

Sustainably upcycled Tucuma with zero waste. Highly nutritious, a natural source of pro-vitamin A, Hyaluronic Tucuma Extra presents itself as an excellent emollient, with a high spreading power and provides a silky and smooth touch to the skin, whilst inducing the synthesis of hyaluronic acid (27%).

Responsible for forming a transparent protective film on the skin without clogging pores or impairing lipid exchange, ideal for very dry skin, it is efficient in protecting against sun damage, skin revitalisation and restoration of damaged hair strands.

Due to the emollient and moisturising properties of Hyaluronic Tucuma Extra, it provides an excellent alternative to volatile silicones in hair products.

Recommended usage level: 0.5-5% hair and make-up; 0.5-3.0% body and facial cleansers; 0.5-30% body, face and bar soaps.

## HYDRA 360°M

(INCI: Aqua, Glycerin, Enteromorpha Compressa Extract, Hydrolyzed Caesalpinia Spinosa Gum, Caesalpinia Spinosa Gum, Rheum Rhaponticum Root Extract, Phenoxyethanol, Sodium Benzoate, Potassium Sorbate)

Hydrating ingredient that activates endogenous barrier function mechanisms for long-lasting hydration (up to 72 hours). It stimulates keratinocyte differentiation and increases the production of filaggrin and involucrin, key components of the barrier function that ensures hydration.

Recommended usage level: 2 - 10%

## Hydra-T

(INCI: Tremella fuciformis polysaccharide)

Native to China, the Tremella fuciformis is also known as the “snow mushroom” is considered a gift from nature. With its translucent colour and gelatinous texture, it is traditionally used in Chinese medicine to refine women’s beauty. HYDRA-T is 100% natural and Cosmos compliant.

It contains a low molecular weight natural hyaluronic acid, which can penetrate deeply into the skin. As we all know, Hyaluronic acid is a compound naturally present in the dermis that acts as a molecular sponge, where it is able to fix up to 1000 times its weight in water. Its function is to ensure the hydration of the skin, whilst helping form the connective tissue of the dermis to support collagen and elastin fibres.

It plays a fundamental role in the density and tone of the skin, but over the years, the production of hyaluronic acid by the body tends to decrease (a decline of around 6% per decade), which causes the appearance of the first wrinkles and fine lines on the surface of the epidermis. It is therefore advantageous to incorporate active ingredients rich in hyaluronic acid, such as Tremella fuciformis to the dermis as part of an anti-ageing strategy.

HYDRA-T is rich in polysaccharides and protects the skin whilst improving the impermeability of the skin barrier. Easy to formulate and does not induce a tightening effect on the skin. Ideal for use in anti-ageing cream, body care, decorative cosmetics and hair care.

Recommended usage level: 0.1 - 1%

## HYDRAFENCE GNNN

(INCI: Aqua, Glycerin, Amylopectin, Lithothamnion Calcareum Extract, Pentylene Glycol, Lactic Acid, Levulinic Acid, Glyceryl Caprylate, Xanthan Gum)

HYDRAFENCE™ increases skin cohesion from the inside and protects from the outside. It acts from the inside by activating the skin’s natural hydration and protection mechanisms, and it reinforces the barrier function from the outside by stimulating lipid synthesis in the epidermis, especially the synthesis of ceramides, which are crucial for maintaining the skin barrier.

HYDRAFENCE™ provides immediate relief for dry skin while ensuring long-lasting hydration for up to five days after the last treatment. The skin barrier is enhanced for more protected, healthier and brighter skin.

Recommended usage level: 3%

## HYDRAFENCE™

(INCI: Aqua, Glycerin, Pentylene Glycol, Amylopectin, Lithothamnion Calcareum Extract, Pentylene Glycol, Lactic Acid, Potassium Sorbate, Sodium Benzoate, Xanthan Gum)

Immediate and long-lasting hydration for up to 120 hours, using upcycled rice and inspired by the barrier effect of the Great Wall of China. Hydrating film-forming effect with calcium delivery.

Stimulates the synthesis of endogenous ceramides and the expression of genes associated with epidermal hydration and cell cohesion.

Recommended usage level: 1-3%

## 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.

Insapolive increases the expression of proteins involved in skin barrier function, whilst providing antioxidant benefits and improving the skin structure and elasticity. Ideal for sensitive, dry and mature skin.

Recommended usage level: 5 - 10%

## HYDROMANIL™ H.GL. - M.S

(INCI: Aqua, Glycerin, Hydrolyzed Caesalpinia Spinosa Gum, Caesalpinia Spinosa Gum, Sodium Benzoate, Potassium Sorbate)

Provital's iconic moisturiser, now with an additional antibacterial protective effect.

Exclusive 3D Matrix technology for immediate and long-lasting hydration, even after rinsing/cleansing. Provides film-forming effect that prevents transepidermal water loss, desquamation and cracking. Inhibits the formation of bacterial biofilm.

Recommended usage level: 2-10%

## Kahai Oil

(INCI: Caryodendron orinocense nut oil)

100% natural anti-ageing oil, extracted by cold pressing the nuts of the Cacay tree. It has a high penetration capability, a dry skin feel and a mild nutty scent, which fades quickly.

Its high content of natural Vitamin E, F and Retinol nourishes, softens and repairs damaged skin making it an ideal choice for scar treatments, tattoo care, stretch marks and aftershave creams.

Kahai Oil revitalises the skin's radiance, reduces fine lines and wrinkles, minimises dark spots and provides long lasting hydration. Kahai Oil contains 50% more Vitamin E and twice the amount of Linoleic Acid than Argan oil and it has 3 times more Retinol than Rose Hip Oil. When used on nails it strengthens brittle nails and relieves nail psoriasis. On hair it provides thermal protection, repairs split ends, increases gloss and reduces frizz at high humidity, outperforming Argan oil (tested at 5%).

Recommended usage level: Various

## Kangaroo Paw Cellular Extract

(INCI: Anigozanthos Flavidus Flower/Leaf Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell. Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

NE Kangaroo Paw is sourced from a local organic farm in the Byron Bay Hinterlands, the Kangaroo Paw flower offers an interesting range of phyto-compounds known for their positive effects on skin improvement, hydration and premature ageing. Also known as “Nollamara, Kurulbrang or Yonga Marra” in the Nyoongar language, Indigenous Australians have used this fuzzy vibrant flower in preparing traditional medicine.

The NE Kangaroo Paw Cellular Extract delivers the natural molecules this botanical species can offer in a water-soluble format, including amino acids, rutin, phenolics and more.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## Kelp Cellular Extract

(INCI: Fucus vesiculosus Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell.

Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

Kelp extract is rich in vitamins, minerals, and antioxidants, helping to nourish and hydrate the skin while protecting it from environmental stressors. It also promotes detoxification, improving skin tone and texture by reducing inflammation and soothing irritation.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## LAVENDER BUTTER®

(INCI: Octyldodecanol, Beeswax, Lavandula Angustifolia (Lavender) Oil)

A creamy paste; using cold pressed natural Lavender oil, NF quality, white beeswax and naturally derived Octyl Dodecanol. The result is a completely new Natural product for use in skin and sun care. This product adds new marketing dimensions for all segments of personal care.

Recommended usage level: 1 - 50%

## LIME BUTTER®

(INCI: Beeswax, Octyl Dodecanol, Lime Oil)

Lime Butter® is a paste wax using cold pressed Lime oil from the skin of the lime. When used in skin and sun applications it improves emolliency and lubricity in the finished product.

Recommended usage level: 0.5 - 50%

## Lilli Pilli Riberry Cellular Extract

(INCI: Syzygium Leuhmannii Fruit Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell. Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

An anti-ageing, anti-inflammatory, repairing, firming and lightening agent. It is suitable for collagen production and supports vitamin C. It prevents UVA/UVB damage

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution.

## Macadamia Oil

(INCI: Macadamia intergrifolia Seed Oil)

Pure cold pressed with the lowest peroxide value at <1.0. It quickly absorbs and therefore can be considered for treating problematic skin conditions. It is low comedogenic, helping skin balance oil production. Widely tolerated by all skin types.

Packed with nutrients such as mono-unsaturated fatty acids, omega 3 and omega 6 fatty acids providing a softening and hydrating effect to the skin. The oil’s regenerative effects help chapped skin recover and thanks to omega 7, Macadamia Oil can also help to heal sunburn, scratched, and sore skin.

Its phytosterol content helps to soothe itchy areas and discomfort, making a bottle of macadamia oil a trusty friend to keep in your natural wellbeing kit.

Recommended usage level: 1-10%

## MANGO - ECO

(INCI: Glycerin, Aqua, Mangifera Indica (Mango) Fruit Extract, Potassium Sorbate, Sodium Benzoate)

MANGO - ECO is COSMOS certified, this fruit has moisturising properties for skin and hair. It is rich in sugars and vitamins which offer freshness to the skin.

Recommended usage level: 0.5 – 5%

## MARSHMALLOW - ECO

(INCI: Root Extract, Potassium Sorbate, Sodium Benzoate, Glycerin, Aqua, Althaea Officinalis Root Extract)

The abundance of mucilage in Marshmallow root gives it several properties, making it useful as an emollient with a soothing and calming effect on skin.

It also exhibits anti-inflammatory properties whilst protecting mucosa from irritating agents by forming a film.

An efficacy study found MARSHMALLOW - ECO to exert remarkable inhibitory effects on the hyaluronic acid degradation, which results in beneficial effects for skin such as the maintenance of moisture levels, the prevention of ageing and the reduction of inflammatory processes.

Recommended usage level: 0.1 – 4.0%

## MANGO EXTRACT GNB

(INCI: Aqua, Glycerin, Mangifera Indica (Mango) Fruit Extract, Potassium Sorbate, Sodium Benzoate)

MANGO EXTRACT GNB is produced from the fruits of Mangifera indica. It contains carotenoids, vitamins, hydroxyacids and carbohydrates. The sweet juicy flesh of the mango fruit is used as a creamy emollient to soothe dry, flaky skin. MANGO EXTRACT GNB is recommended to formulate cosmetic products for the protection of the skin and hair integrity against oxidative processes, anti-ageing products, moisturisers and products with exfoliating activity.

Recommended usage level: 0.5 - 5%

## MELON EXTRACT GNB

(INCI: Glycerin, Aqua, Cucumis Melo (Melon) Fruit Extract, Potassium Sorbate, Sodium Benzoate)

MELON EXTRACT GNB is a water-soluble extract. Vitamin and mineral replenishing. Stimulant. Revitalising. Humectant. Moisturising.

Recommended usage level: 0.5-5%

## MONOI OIL

(INCI: Cocos Nucifera (Coconut) Oil, Gardenia Taitensis Flower Extract, Tocopherol)

MONOI OIL is a naturally concentrated emollient which penetrates the skin, re-hydrates the layers of the epidermis and shields skin against external damages including sun and wind.

Results are immediate: skin is softened and less wrinkled, more hydrated, more youthful and healthier looking.

Recommended usage level: 0.5 - 5%

## Native Seaweed Tasmanian Kelp Extract

(INCI: Durvillea Potatorum Extract)

Collected by Kelp harvesters from clean, unpolluted waters from the shores of King Island, Tasmania. Ethically sourced, it is only harvested from the shores after storms have torn it from the rocks and cast onto the beaches.

Consider these powerful phyto-compounds in supporting radiance and luminosity, hair products, premature ageing, anti-glycation, collagen and elastin support and blemished and reactive skin possibilities.

Recommended usage level: 1 – 2% concentrate; 3 – 6% dilution.

## Native Sandalwood Seed Oil

(INCI: Fusanus spicatus Kernel Seed Oil)

Rich in Omega 3, 6, 9, and Xymenynic acid it is ideal for finished products targeting skin tone, blemish prone skin, age lines, and hydration. The perfect ingredient to balance both mood & skin. Used for centuries to enhance feelings of calm & relaxation, Native Sandalwood Seed Oil smooths the skin, providing a firmer and more youthful look.

Recommended usage level: 1-10%

## OAT EXTRACT HGL - MS

(INCI: Glycerin, Aqua, Avena Sativa (Oat) Kernel Extract, Potassium Sorbate, Sodium Benzoate)

Avena sativa L. is commonly known as oat and is rich in key lipids, minerals and vitamins. This water-soluble extract provides moisturisation, skin conditioning, film forming, anti-ageing and a lifting effect. In hair it conditions, moisturises and repairs.

Recommended usage level: 0.5-5%

## OAT MILK M.S

(INCI: Aqua, Glycerin, Avena Sativa (Oat) Kernel Extract, PEG-60 Hydrogenated Castor Oil, Helianthus Annuus (Sunflower) Seed Oil, Tocopherol, Potassium Sorbate, Sodium Benzoate)

OAT MILK M.S is an extract of Avena sativa seeds, which contains oat lipids, proteins and carbohydrates as an emulsion. It also contains minerals and vitamins.

Oat  $\beta$ -glucan is structurally similar to hyaluronic acid, which is extensively used to produce high-viscosity preparations and as a skin moisturising and smoothing agent. Skin and hair conditioning, hair and skin repair and as an antifungal are the suggested applications for Oat Extract.

External applications of oat seeds have a helpful emollient effect in cases of skin irritation, seborrhea and different types of pruritus. Oat mucilage is used in creams to treat sun-induced erythema. Oat flour has long been used in cosmetics as an ingredient of face masks and as an additive of soaps to relieve irritation and itching.

Recommended usage level: 0.5 – 5%

## Organic Deodorised Argan Oil

(INCI: Argania Spinosa Kernel Oil)

Organic Deodorised Argan Oil is a rich oil containing high levels of fatty acids, Tocopherols and Sterols to reinforce skin barrier function of skin and scalp, restore shine to hair and strengthen nails. Also demonstrated to help maintain elasticity of postmenopausal skin and regulate skin sebum production. Ideal for skincare, bodycare and haircare.

Recommended usage level: 1-10%

## Organic Baobab Oil

(INCI: Adansonia Digitata Seed Oil)

Organic Baobab Oil is an oil with a non-greasy feel containing high levels of fatty acids to help restore skin suppleness and barrier function, promote skin regeneration and prevention of stretch marks and chapped lips. Ideal for skincare, bodycare, aftersun, massage, hair and nail products.

Recommended usage level: 1-10%

## Organic Deodorised Camellia Oil

(INCI: Camellia Oleifera Seed Oil)

Organic Deodorised Camellia Oil has excellent absorbance properties and a soft touch rich in fatty acids and Vitamins A, B and E to help revitalise skin, hair & nails. Ideal for skincare, eye products, body, lip and hand care.

Recommended usage level: 1-10%

## Organic Deodorised Cocoa Butter

(INCI: Theobroma Cacao Seed Butter)

Organic Deodorised Cocoa Butter is rich in oleic, stearic and palmitic acids and has multiple benefits such as intense moisturisation, preserving suppleness and firmness of the skin and hydrating scalp and hair. With a melting point between 34 - 38°C, it has strong stability and melts at skin temperature. Ideal for moisturisers, lip balms, hand creams and soaps.

Recommended usage level: 1-20%

## Organic Deodorised Sesame Oil

(INCI: Sesamum Indicum Seed Oil)

Organic Deodorised Sesame Oil is rich in Omega-6, tocopherols and lecithins and acts as an emollient, moisturiser and skin barrier restorer, as well as being used to soften the hair and scalp. Ideal for moisturisers, cleansers and haircare products.

Recommended usage level: 1-10%

## Organic Olive Oil

(INCI: Olea Europaea Fruit Oil)

Organic Olive Oil is rich in essential fatty acids, tocopherols and squalene and acts as a natural emollient, moisturiser and skin regenerator. Ideal for use in skincare, body care, haircare, hand care and bar soaps. Available in Organic Extra Virgin, Organic Deodorised and Organic Fairtrade options.

Recommended usage level: 1-10%

## Organic Deodorised Coconut Oil

(INCI: Cocos Nucifera Oil)

Organic Deodorised Coconut Oil is a light oil rich in medium chain fatty acids and particularly Lauric Acid, which makes it ideal for use in soaps. It also acts as an excellent emollient with a great affinity for skin and hair. Ideal for soaps, moisturisers, massage oils and hair products.

Recommended usage level: 1-10%

## Organic Glycerin

(INCI: Glycerin)

Glycerin is a syrupy, odourless and colourless liquid with great moisturising properties. Glycerin can retain several times its weight in water, making it a key ingredient in various cosmetics formulations such as: Soap, Shaving foam, Toothpaste, Hair care, Skin care.

Our Organic Glycerin is made with vegetable oil of Karanja, tree from fabaceae family, native from Asia. In India Karanja's crops are widely encouraged to rehabilitate areas traditionally considered as unworkable. Cosmetic and Food grade. Halal certified.

Recommended usage level: 0.5 - 10%

## Organic Refined Cold Pressed Cucumber Oil

(INCI: Cucumis Sativus Seed Oil)

Organic Refined Cold Pressed Cucumber Oil contains more than 60% linoleic acid and is rich in phytosterols, making it ideal to protect and restore the hydrolipidic film and leave skin feeling more elastic and rejuvenated. Also helps to regulate sebum production and leave skin feeling refreshed. Ideal for creams, serums and moisturisers.

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 Snail Slime

(INCI: Snail secretion filtrate)

The composition of snail slime includes Allantoin for regeneration and healing; Collagen and Elastin to aid skin elasticity; Glycolic acid to reduce wrinkles, acne and hyperpigmentation; Polysaccharides to improve hydration; Peptide Antibiotics act as a protective barrier by destroying pathogens; sugars for moisturisation; Vitamin A, C and E to protect and soften the skin; and Essential Trace Elements allowing cells to work well.

The harvesting method is made in accordance with Annex 1 of Treaty of Rome which respects animal's well-being, which enables to get the Ecocert Greenlife certification according to Cosmos Standard. The extraction is from secretion from the "Petit gris" Hélix Aspersa Müller (the only slime recognised for its active principles).

Recommended usage level: Hand cream: 0.2 to 1.5%; Body cream: 0.5 to 1%; Make-up removing water: 0.2 to 0.8%; Eye contour: 0.2 to 2%; BB Cream: 0.5 to 2%; Facial mask: 0.2 to 3%; Serum: 0.8 to 4%; Regenerating cream (anti-wrinkle, stain-resisting): 2 - 8%; Anti-acne cream: 4 to 8%; Cream in burn scars and grafts: 5 to 8%

## Organic Sweet Almond Oil

(INCI: Prunus Amygdalus Dulcis Oil)

Organic Sweet Almond Oil is rich in oleic and linoleic acids and vitamin A to nourish and moisturise, as well as regenerate and restore elasticity. Ideal for delicate or mature skin, or in haircare, massage products and baby care. Available in Organic Virgin and Organic Deodorised options.

Recommended usage level: 1-10%

## Organic Shea Butter

(INCI: Butyrospermum Parkii Butter)

Organic Shea Butter is locally produced in Burkina Faso and is rich in palmitic, stearic and oleic acids and vitamins A, D, E & F to hydrate and repair dehydrated skin, lips, hands and hair. Ideal for intensive moisturisers, aftersun, lip balms, hand creams and hair products.

Recommended usage level: Haircare: 3 - 5%; Skin and Hand products: 3 - 8%

## 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 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 Hemp Oil

(INCI: Cannabis Sativa Seed Oil)

Locally sourced Organic Virgin Hemp Oil is a non-greasy oil with quick penetration that has ideal proportions of Omega-3 and 6 fatty acids to effectively hydrate skin and hair and leave it feeling refreshed and revitalised. Ideal for mature, atopic or tired skin and for bringing new vitality to hair.

Recommended usage level: 1-10%

## Organic Virgin Macadamia Oil

(INCI: Macadamia Integrifolia Seed Oil)

Organic Virgin Macadamia Oil is rich in oleic, palmitoleic and palmitic acids and restores softness and suppleness to the skin as well as helping to protect against oxidation. Ideal in skincare for dry or sensitive skin, aftersun products, haircare and massage formulations.

Recommended usage level: 1 - 10% (general); or up to 20% in massage products.

## 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

## Organic Virgin Grape Seed Oil

(INCI: Vitis Vinifera Seed Oil)

Organic Virgin Grape Seed Oil is a by-product of the wine industry rich in linoleic acid and with excellent emollient and film forming properties. Ideal as a base oil for helping to regenerate mature, damaged or stressed skin, particularly around the eye area and for body, lip and hand care.

Recommended usage level: 1-50%

## 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 Soybean Oil

(INCI: Glycine Soja Oil)

Organic Virgin Soybean Oil is rich in linoleic acid, oleic acid, tocopherol and lecithin and helps to restore the skin's hydrolipidic film, regenerate and restore suppleness, as well as having a softening and protective effect on hair. Ideal for skincare, haircare and massage products.

Recommended usage level: 1-10%

## PHYTOSERENE

(INCI: Phytosterols)

PhytoSerene is an 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 NECTAR™

(INCI: Glycerin, Aqua, Calluna Vulgaris Extract)

PINK NECTAR™ is derived from an adaptogenic flower that grows on the cliffs and moors along the Atlantic coast and is rich in myricetin. In summer, its sumptuous pink flowers thrive where other plants could not survive and produce a precious nectar. It is designed to hit the reset button for dry, sensitive or stressed skins.

These skin types are characterised by an impaired epidermal barrier function, a higher sensitivity to pathogens, irritants, UV, pollutants with inflammation reactions. They are also more likely to lack lipids and water.

In addition, Pink Nectar has been designed for mature skin, also exposed to impaired epidermal barrier function, a slower rate of cellular renewal, a senescence related decline in lipid and water content, a loss of skin flexibility, elasticity and resistance with a dull appearance and skin ageing. It activates 28 genes with the aim to restore a healthy and balanced skin.

Recommended usage level: 1-3%

## PHYTOSQUALAN OLIVE

(INCI: Squalane)

Phytosqualan Olive is a natural vegetable squalane, sourced from olive, a renewable vegetable source, and recognised as a high quality emollient. SOPHIM is leader in vegetable squalane production and thanks to an advanced technology, and unique process, offers a premium and sustainable qualitative ingredient.

When testing on hair Phytosqualan Olive was found to reduce frizz, increase gloss and improve combability. Ideal for pigment dispersion, texturising hair care and moisturising face and body care.

Recommended usage level: 3-10%

## POLYPLANT MARINE H.GL. - M.S

(INCI: Infinity Ingredients is the UK distributor of POLYPLANT MARINE H.GL. - M.S from Provital)

POLYPLANT MARINE H.GL. - M.S is a plant extract complex that contains some of the following algae: Fucus, Nori, Enteromorpha, Wakame and Lithothamnium. Fucus is included in anti-cellulite gels and mesotherapy creams and used to heal wounds.

Nori contains polysaccharides, pigments, vitamins and minerals. Carbohydrates are the most abundant Enteromorpha components (48%), followed by proteins (10-18%) and lipids (0.5-1.7%).

Wakame extract is used in cosmetics because of its polysaccharide, protein, vitamin and mineral content. POLYPLANT MARINE H.GL. - M.S is highly recommended to formulate cosmetic products with moisturising, emollient and calming properties. It also has energising activities.

Incorporation of algae to the world of cosmetics helps restore the natural skin balance, due to their ion-based elements (chelate forms of oligoelements, vitamins and minerals).

POLYPLANT MARINE H.GL. - M.S is of great use to formulate cosmetic products with skin tonifying, revitalising and stimulating activities.

Recommended usage level: Recommended usage level: 0.5 - 5%

## Premium Avocado Oil

(INCI: Persea Gratissima (Avocado) Oil)

Avocado research has been one of Expanscience's areas of excellence for the past 30 years. This expertise is now illustrated by a number of patents.

Refined and extensively winterised premium avocado oil is obtained from the finest quality avocado pears, responsibly sourced from Mexico, Peru and South Africa using a unique process developed by their pharmaceutical production service. Oil obtained by cold-pressed dehydrated avocado.

This emollient, provides a velvet touch whilst nourishing, softening and protecting the skin. Premium Avocado oil has been shown to reinforce the skins hydrolipidic film, decrease TEWL and has an anti-inflammatory benefit. When used on hair, it provides shine and nourishment.

Recommended usage level: 0 – 100%

## PrincipHYAL<sup>®</sup> Cube3

(INCI: Sodium Hyaluronate)

PrincipHYAL<sup>®</sup> Cube3 is a full-spectrum biotechnological fraction of Sodium Hyaluronate that targets short-term anti-ageing effects. A unique 3-in-1 ingredient which quickly improves the global epidermis health thanks to a strengthening of the barrier function of the skin.

Skin shows an immediate lifting effect when evaluated by elasticity, smoothness, number and depth of wrinkles, synthesis of neoelastin, and a general improvement of the skin aspect.

CUBE3 also enhances skin penetration of other lipophilic and hydrophilic active ingredients to optimise their activity

Recommended usage level: 0.5 - 1.0

## PrincipHYAL<sup>®</sup> Aurora

(INCI: Sodium Hyaluronate)

PrincipHYAL<sup>®</sup> Aurora is a specific biotechnological fraction that targets skin regeneration. A very small molecular weight Sodium Hyaluronate, it is designed to obtain the perfect balance between skin penetration and skin activation.

AURORA optimises the regeneration cycle of the skin through an increased proliferation of cells and stimulation of the skin reparative and healing processes, resulting in an improvement in the global epidermis health and skin cohesion through a better integrity of the Epidermis layers.

Recommended usage level: 0.2 - 1.0

## PrincipHYAL<sup>®</sup> Difference

(INCI: Sodium Hyaluronate)

PrincipHYAL<sup>®</sup> Difference is a full-spectrum biotechnological fraction of Sodium Hyaluronate that targets long-term anti-ageing effects. DIFFERENCE is a specific fraction that targets skin wrinkles, by increasing skin elasticity.

This anti-wrinkle activity (clinically evaluated in-vivo on smoothness, roughness, wrinkleness, scaliness, and wrinkle number) results in an overall visible improvement in global Epidermal health.

COSMOS certified.

Recommended usage level: 0.5 - 1.0

## PrincipHYAL® Line

(INCI: Sodium Hyaluronate)

Top quality Sodium Hyaluronate for cosmetic applications. Different actions linked to different molecular weights.

Range of Molecular Weights available:

PrincipHYAL (10)  
PrincipHYAL (10-50)  
PrincipHYAL (50-100)  
PrincipHYAL (200-400)  
PrincipHYAL (400-600) COSMOS  
Certified  
PrincipHYAL (600-800)  
PrincipHYAL (800-1000)  
PrincipHYAL (1000-1400)  
PrincipHYAL (1400-1800)  
PrincipHYAL (1800-2200)

Recommended usage level: 0.1 - 2%

## PrincipHYAL® Signal-10

(INCI: Hyaluronic Acid)

PrincipHYAL® Signal-10 is a fast-track moisturiser derived from a stable extremely low molecular weight (standardised at less than 10 kDa) oligomer of Hyaluronic Acid.

SIGNAL-10 acts very quickly as it permeates more efficiently than classic forms of Hyaluronans. This stimulates the proliferation and regeneration of Fibroblasts, and gives a fast improvement in skin of moisturisation and elasticity.

Ideal for developing products where speed is everything and TURBO cosmetics is the concept.

Recommended usage level: 0.1 - 0.5

## PrincipHYAL® Oligo

(INCI: Hyaluronic Acid)

Top quality Hyaluronic Acid for cosmetic applications.

Ideal to formulate anti-ageing and moisturising cosmetic products.

Recommended usage level: 0.1 – 2.0%

## PROVI LACTEO GDBN

(INCI: Aqua, Glycerin, Yogurt Filtrate, Gluconolactone, Phenethyl Alcohol, Caprylyl Glycol, Calcium Gluconate, Sodium Benzoate, Potassium Sorbate)

PROVI LACTEO GDBN is a yoghurt produced from fermented skimmed milk. Yoghurt is a thousand-years-old food with a high biological value, vitamins, calcium, phosphorus, and other minerals. It has good skin conditioning activity due to its protein, carbohydrates,  $\alpha$ -hydroxyacids (lactic acid), and vitamin content.

Therefore, PROVI LACTEO GDBN is highly recommended to formulate cosmetic products with moisturising, smoothing, and general conditioning effects on the skin. It is also used to formulate cosmetic products with exfoliating, skin stimulating, and revitalising activity.

Recommended usage level: 0.5-5%

## RASPBERRY BUTTER®

(INCI: Octyl Dodecanol, Beeswax, Rubus Idaeus)

This is a paste wax that has been created using cold pressed raspberry oil in order to retain the naturally occurring antioxidants and other properties of the berries. This enhances the effects of the emolliency and lubricity on the finished product.

Recommended usage level: 1 - 10%

## Raspberry Butter®

(INCI: Octyl dodecanol, Beeswax, Rubus Idaeus (Raspberry) Seed Oil)

Raspberry Butter® is a Natural Moisturising Complex™ derived from coconut oil, beeswax and upcycled raspberry seed essential oil. This yields a natural moisturiser with superb barrier properties.

The butter provides a soft, silky spread with good play time.

Raspberry Butter® brings all the beneficial properties of the corresponding upcycled raspberry seed essential oil such as, nourishment, hydration and protection to the surface of the skin, without the typical greasiness found in convectional butters, and thus allowing for higher loads in formulations.

Raspberry Butter® is an ideal natural alternative to conventional butters.

Recommended usage level: 1-50% colour care; 1-3% nail care; 3-5% hair care; 5-10% skin and sun care.

## Red Velvet Oil™

(INCI: Solanum lycopersicum Seed Oil, Solanum lycopersicum (Tomato) Seed Oil)

Converting hundreds of tonnes of high value biomass waste from surplus crops and food processing to harness high value nutrients from tomato seed, a rich source of lycopene, fatty acids and phytosterols.

An upcycled ingredient loaded with antioxidants to help soothe the skin whilst also promoting skin recovery. It's the perfect natural antidote to signs of ageing.

Helps soothe skin and improve the appearance of dry skin. It also enhances the texture of the skin, and can help against hyper-pigmentation.

Recommended usage level: 1-10%

## Rosehip Cellular Extract

(INCI: Rosa canina Fruit Extract)

Delivering "true to nature" hydrophilic plant profiles. Cellular Extraction harnesses the species' water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell.

Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules' natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

Rosehip extract is rich in vitamins A and C, which rejuvenate the skin, reduce scars and fine lines, and promote a radiant, even complexion. For hair, its essential fatty acids deeply nourish the scalp, strengthen strands, and enhance overall shine and softness.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## SAW PALMETTO EXTRACT GNB

(INCI: Glycerin, Water, Serenoa Serrulata Fruit Extract, Sodium Benzoate, Potassium Sorbate)

Saw palmetto is rich in sugar and high molecular weight polysaccharides, making it an ideal moisturiser and film former.

It's dual inhibitory effect on both arachidonic acid metabolic pathways provides anti-irritancy properties and the anti-androgenic activity makes saw palmetto extract useful in formulating cosmetic products to treat androgenic alopecia and cosmetic products for greasy skin and hair.

Recommended usage level: 0.5 – 5%

## SOY EXTRACT GNB

(INCI: Aqua, Glycerin, Glycine Soja (Soybean) Seed Extract, Sodium Benzoate, Potassium Sorbate)

SOY EXTRACT GNB is a water-soluble extract. Anti-ageing. Antioxidant. Photoprotection. Hair colour protection. Moisturising. Skin and hair conditioning.

Recommended usage level: 0.5-5%

## Soline® Bio

(INCI: Helianthus Annuus (Sunflower) Seed Oil Unsaponifiables)

Sunflowers are appreciated for their oil and culinary uses. Naturally rich in vitamin E, this oil is extremely beneficial for the skin, and is found in numerous cosmetic products.

Soline® is a concentrate of precious molecules, the unsaponifiable elements of sunflower oil, extracted by molecular distillation. This original patented process was developed by recognised experts at the Laboratoires Expanscience.

This patented active ingredient from molecular distillation process is sustainably sourced from Europe and stimulates the synthesis of key lipids in the cutaneous barrier by activating PPARα whilst reducing the quantity of inflammatory mediators.

In hair it reinforces hair protection against summer stress, reducing breakage and improving softness and detangling. Two versions exist: Soline® and Soline® Bio.

Recommended usage level: 0.5 – 2%

## Starfruit Cellular Extract

(INCI: Averrhoa carambola Fruit Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell.

Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

Starfruit extract is rich in antioxidants and vitamin C, which brighten the skin, reduce dark spots, and combat signs of aging. Its natural hydrating properties improve skin texture and leave it smooth, refreshed, and radiant.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## Strawberry Cellular Extract

(INCI: Fragaria ananassa Fruit Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell. Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity. Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

The NE Strawberry Cellular Extract's unique synergy between its compounds delivers a powerhouse of natural ingredients to consider ... along with beautiful new imagery to create unique content for your brand. While strawberry season often only lasts through summer, you can still reap the benefits of this phenomenal fruit year-round—as a powerful skincare ingredient!

Strawberries are not only healthy and delicious to eat but also work to maintain a healthy-looking, radiant complexion when used topically in skincare. The deep red colour and heart shape of strawberries make them sacred to Venus and Aphrodite. One may extend this to other goddesses of love and beauty, as well.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## SWEET ALMOND MILK - NAT

(INCI: Aqua, Prunus Amygdalus Dulcis (Sweet Almond) Fruit Extract, Zea Mays (Corn) Starch, Glycerin, Prunus Amygdalus Dulcis (Sweet Almond) Oil, Polyglyceryl-4 Caprate, Xanthan Gum, Gluconolactone, Tocopherol, Sodium Benzoate, Potassium Sorbate, Calcium Gluconate)

SWEET ALMOND MILK - NAT- NAT is an emulsion of natural ingredients that contains lipids, proteins and sugars from the fruit of "Prunus amygdalus v. dulcis L." Ideal for hair and skin care where it offers moisturising, conditioning repairing and emollient properties.

Recommended usage level: 0.5-5%

## STRAWBERRY EXTRACT M.S

(INCI: Propylene Glycol, Aqua, Fragaria Ananassa (Strawberry) Fruit Extract, Potassium Sorbate, Sodium Benzoate)

STRAWBERRY EXTRACT M.S. is a water-soluble extract that regulates TEWL and moisturises the skin. It offers anti-ageing, photoprotection, hair colour protection, tonifying and exfoliating properties as well as activating blood flow.

Recommended usage level: 0.5 – 5%

## TechnoHYAL HYAPEARL

(INCI: Triolein, Sodium Hyaluronate)

TechnoHYAL HyaPearl is a highly effective lipo-available Sodium Hyaluronate suitable for decorative and anhydrous formulations. This cutting edge and unique technology entraps Hyaluronic Acid in a matrix of synergistic triglycerides (Triolein) from 100% natural origin, enabling HyaPearl to better penetrate the skin compared to HA in water.

HyaPearl significantly improves moisturisation, strengthens the barrier function of the skin and provides excellent skin feel with a smooth gliding effect.

Recommended usage level: 0.5 - 1.5

## Vegan DDS Enoxolone

(INCI: Aqua, Mannitol, Phosphatidylcholine, Glycerin, Polyglyceryl-10 Laurate, Cetyl Alcohol, Sodium Benzoate, Potassium Sorbate, Glycyrrhethinic 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 Epoxide) 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 Oligo HA

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

Hyaluronic Acid is a structural polysaccharide which is naturally present in the skin and which can capture and retain large amounts of water. As the body ages, the presence of this substance is reduced considerably and by the age of 50 only 50% of the endogenous hyaluronic acid remains.

As a consequence, the skin loses its volume and firmness and suffers an increased wrinkling effect. Oligo Hyaluronic Acid is obtained via an advanced and complicated full degradation process with hyaluronidase of hyaluronic acid, achieving sizes smaller than 10Kda (20 times less than that known as the "low molecular weight hyaluronic acid").

This specific type of hyaluronic acid can be transported by the nanovesicles until its delivery to the skin levels where it replaces lost hyaluronic acid, captures water thereby recovering the skin volume, reduces wrinkle depth and restores the elasticity and tonicity more typically associated with much younger skin.

Recommended usage level: 1 - 10%

## Vegan FDS Zinc PCA

(INCI: Aqua, Mannitol, Phosphatidylcholine, Glycerin, Zinc PCA, Cetyl Alcohol, Sodium Benzoate, Sorbitan Oleate, Polysorbate 80, Xanthan Gum, Stearamine, Sodium Chloride, Dimyristoyl Phosphatidylcholine)

Zinc PCA is the zinc salt of the L-PCA (pyrrolidine carboxylic acid) a doubly active complex that provides the skin and hair with the beneficial effects of the zinc and L-PCA.

Zinc is involved not only in the synthesis of the nucleic acids, including the DNA, but also in the synthesis of proteins, cell division and in the structure and coenzymatic activation of many key molecules in the body and the skin. It also prevents the development of microbial infections thanks to its considerable antiseptic properties.

It has been shown that zinc reduces sebum secretion by inhibiting the 5  $\alpha$ - reductase. When joining L-PCA to an active molecule such as zinc, it becomes a physiological vector which optimises its bioavailability and in addition acts as a signalling molecule to stimulate the epidermal differentiation and strengthen the skin barrier function.

Recommended usage level: 1 - 10%

## Vitamin C Trio Cellular Extract

(INCI: Terminalia ferdinandiana Fruit Extract, Citrus glauca Fruit Extract, Citrus australasica Fruit Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell.

Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

The NE Vitamin C Trio Blend Cellular Extract represents unique combinations of the water-soluble phytochemicals extracted from Desert Lime, Finger Lime Caviar and Kakadu Plum.

With over 16 exciting natural compounds combined, this blend offers a source of natural vitamin C predominately from the Kakadu Plum (considered the species with the highest source of natural vitamin C (biological ascorbic acid)).

Recommended usage level: Concentrate: 1.0 - 2.0%, Standard 1:10, Wash on/off 3.0 - 6.0%

## WATERMELON EXTRACT H.GL. - M.S

(INCI: Aqua, Glycerin, Citrullus Lanatus (Watermelon) Fruit Extract, Sodium Benzoate, Potassium Sorbate)

WATERMELON EXTRACT H.GL. - M.S. is a water-soluble extract. Moisturising. Softening. TEWL regulating. Refreshing. Soothing.

Recommended usage level: 2 - 5%

## 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%

## White Cypress Leaf Cellular Extract

(INCI: Callitris Glaucophyllia Leaf Extract)

Delivering "true to nature" hydrophilic plant profiles. Cellular Extraction harnesses the species' water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell. Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules' natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

With a wide range of interesting compounds, creating a multifunctional ingredient providing extra hydration to the skin, skin that looks firm and toned.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## WHITESENSE™

(INCI: Aqua, Glycerin, Rosa Centifolia Flower Extract, Jasminum Officinale (Jasmine) Flower Extract, Bellis Perennis (Daisy) Flower Extract, Xanthan Gum, Sodium Benzoate, Potassium Sorbate)

WHITESENSE™ is a floral complex obtained from Pale Rose (*Rosa centifolia* L.), Jasmine (*jasminum officinale* L.) and Daisy (*Bellis perennis* L.)

WHITESENSE™ is a plant based cosmetic product developed to offer sensations on the skin. These sensations have an influence on user's mood providing a state of wellbeing.

WHITESENSE™ offers the sensation of softness and velvety touch of the petals of white flowers, Pale Rose, Jasmine, and Daisy. The floral concept on the skin results in soft, smooth skin.

Provital has developed this product to give added value to the final products it is included in, giving the consumer a sensory experience beyond the benefits of the other ingredients contained in the cosmetic.

Cosmetic applications for this product are skin and hair care products such as moisturisers, conditioners, body butter, body milk and hair mask.

Recommended usage level: 2 – 5%

## Wild Orange Cellular Extract

(INCI: Capparis Mitchellii Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell. Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

A key player in skin barrier reinforcement, it provides UVB protection, hydration, conditioning and wound healing.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## XERADIN™

(INCI: Propanediol, Aqua, Glycerin, Salvia Sclarea (Clary) Extract, Potassium Sorbate, Sodium Benzoate)

Vegetable source of 24-hour hydration based on adaptogenic mechanism of a xerophytic plant. Provides hydrating action thanks to its high sugar and flavonoid content. Immediate and all-day-long hydration power. Ideal for immediate action; face and body creams, milks and lotions, shampoos, aftershaves and bath moisturising products. It can also be used in 24-hour action products such as intensive moisturising products, products for dry skin, anti-ageing and extreme sports moisturisation.

Recommended usage level: 2 - 4%

## Yuzu Cellular Extract

(INCI: Citrus junos Fruit Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell.

Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

Yuzu extract is rich in vitamin C and antioxidants, which help brighten the skin, even out skin tone, and combat signs of aging. Its hydrating properties deeply moisturize the skin, leaving it smooth, radiant, and protected from environmental stressors.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

## Zenibee Cream®

(INCI: Octyl Dodecanol, Beeswax)

A soft and creamy all vegetable moisturiser that starts melting at skin temperature with superb barrier and moisturising properties. Excellent skin feel with good transition and play time without the greasiness of conventional butters.

Outstanding formulation flexibility in high water containing skin care emulsions, from light daily lotions to heavy moisturising body butters

Recommended usage level: 1 - 10%

# Contact Us

Interested?

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