INFINITY GREDIENTS

Inspiring Cosmetics

Sun Care and After Sun

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We all love a bit of sunshine, but as formulators, it's a careful balancing act. While the sun gives a healthy glow, its UV rays can seriously stress the skin.

Sunburn isn't just uncomfortable; it accelerates visible ageing and contributes to skin cancer. That's why broad-spectrum protection is essential, with experts recommending a minimum of SPF 15 alongside a high UVA rating. Choosing the right sun care ingredients is the first step to effective protection.

A little sun goes a long way, triggering the body's production of vitamin D - vital for bone health and preventing conditions like rickets.

Beyond UV protection, today's products rely on a mix of sun care ingredients: moisturising actives to prevent dehydration, soothing agents to calm redness, healing ingredients to support post-sun recovery, anti-ageing actives to combat photo-ageing, and collagen-promoting ingredients to maintain firmness and elasticity.

From sun creams and sprays to after-sun lotions, gels, and balms, we've got the right sun care ingredients help you formulate products that protect, repair, and future-proof the skin—all while delivering a luxurious sensorial experience.

Discover our sun care ingredients and after-sun solutions designed to help you create smarter, more effective products that let consumers enjoy the sunshine without the sting.

Algica®

(INCI: Silica)

A unique, naturally derived cosmetic ingredient made from the silica-rich shells of microscopic marine diatoms, cultivated by Swedish Algae Factory. Its highly porous structure delivers a range of valuable performance properties, including oil and water absorption, sebum control and a smooth, mattifying skin feel.

This makes Algica® an exciting ingredient for formulations targeting shine control, skin texture and improved sensory performance. Ideal for face creams, serums, masks, cleansers, sunscreens, after-sun and powder formulations.

Beyond its formulation benefits, Algica® has a compelling circular and resource-conscious origin, transforming diatom biomass into a valuable cosmetic ingredient.

Recommended usage level: 0.1-0.2%

ALOE VERA GEL I-10 C-01

(INCI: Aloe Barbadensis Leaf Juice, Potassium Sorbate, Sodium Benzoate)

Water soluble extract. Offering wound healing, moisturising, emollient, refreshing, anti-ageing and anti-inflammatory properties. Suitable for mature, damaged, irritated and sensitive skin.

Recommended usage level: 0.5 – 10%

Aloe Vera Leaf Juice 99%

(INCI: Aloe barbadensis Leaf Juice)

We have sourced the most pure Aloe Vera Juice from the micronised inner leaf pulp - extracting, stabilising and processing within hours of harvest to ensure optimum efficacy and advanced quality control. The aloe vera is grown without synthetic fertilizers or pesticides, and no chemicals are used.

Consider the NE Aloe Vera Leaf Juice 99% as a substitute to the powder alternative, and release the outstanding range of amino acids, vitamins and minerals in your formulations.

Recommended usage level: >1.0%

ALOE VERA OIL

(INCI: Helianthus Annuus (Sunflower) Seed Oil, Aloe Barbadensis Leaf Extract, Tocopherol)

ALOE VERA OIL is an oily extract from Aloe Barbadensis leaves and is a common ingredient of many cosmetic products, due to its moisturising, emollient and antioxidant properties.

ALOE VERA OIL has characteristic anti-inflammatory activities helping to moderate inflammation. Ideal for anti-ageing, anti-inflammatory, sensitive skin and wound healing.

Recommended usage level: 0.5 – 5%

ALOE VERA POWDER C-02

(INCI: Aloe Barbadensis Leaf Juice Powder)

ALOE VERA POWDER C-02 provides wound healing, skin protection, moisturising, anti-ageing, soothing, calming and refreshing properties. Ideal for products targeting mature, sensitive and/ or irritated skins. Immunomodulatory.

Recommended usage level: 0.5-10%

Andiroba oil

(INCI: Carapa guaianensis seed oil)

Andiroba oil is composed of fatty acids: myristic, palmitic, stearic, oleic, linoleic and linolenic. Studies show its use as a natural insect repellent, anti-cellulite and the activation of melanin production (acting preventively in the appearance of gray hair). It also offers an anti-inflammatory and regenerative action.

Recommended usage level: 2 - 5% as phytocosmetic in creams and moisturisers, shampoos, conditioners, creams, lotions and gels. Creams/ lotions and repellents 1 - 5%

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%

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%

ASIATIC CENTELLA EXTRACT H.GL. - M.S

(INCI: Glycerin, Aqua, Centella Asiatica Extract, Sodium Benzoate, Potassium Sorbate)

Shown to have modulating properties on the development and metabolism of connective tissue.

Centella has the potential to enhance connective tissue integrity, elevate antioxidant levels in wound healing and improve capillary permeability.

ASIATIC CENTELLA EXTRACT H.GL. - M.S is recommended for cosmetic products with vessel protection, venotonic and anti-cellulite activities, as well as prooducts for the protection of skin and hair against oxidative processes. It can be formulated in emulsions for wrinkled, chapped, reddish skins, aftersun products, lotions, gels and creams for body massage and toothpastes and mouth washes for atonic gums.

Recommended usage level: 0.5-5%

AYURSENSE

(INCI: Aqua, Propanediol, Eclipta Prostrata Extract, Potassium Sorbate, Sodium Benzoate)

AYURSENSE is an extract of Eclipta (Eclipta Alba (L.) Hassk = Eclipta prostrata (L.) in Propanediol/Water. It was developed to offer sensations on the skin. These sensations have an influence on the user's mood providing a state of wellbeing.

AYURSENSE offers a sensation of freshness and overall well-being from plants traditionally used in Ayurvedic medicine. Eclipta symbolises harmonious functioning of the body, resulting in feelings of freshness, energy and strength with its effects of rejuvenation and longevity.

Cosmetic applications for this product include for freshness; sun spray, facial mist, refreshing wipes, for Ayurvedic treatment; anti-ageing, relaxing mousse, nourishing milk and anti-ageing gel products.

Recommended usage level: 2 - 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%

BIRCH OIL

(INCI: Helianthus Annuus (Sunflower) Seed Oil, Betula Alba Leaf Extract, Tocopherol)

BIRCH OIL is an anti-cellulite. Firming. Anti-inflammatory. Sensitive and/ or irritated skin. Anti-seborrhea. Hair care. Antimicrobial. Purifying. Antiseptic.

Recommended usage level: 0.5-5%

BLACK PEPPER EXTRACT H.GL. - M.S

(INCI: Aqua, Glycerin, Piper Nigrum (Pepper) Seed Extract, Sodium Benzoate, Potassium Sorbate)

BLACK PEPPER EXTRACT H.GL. - M.S. is a water-soluble extract offering antioxidant, anti-ageing, photoprotection, hair colour protection, antimicrobial, purifying, antiseptic, insect repellent, anti-cellulite and microcirculation properties.

Recommended usage level: 0.5 - 5%

Blackberry Cellular Extract

(INCI: Rubus fruticosus Fruit Extract; Rubus fruticosus (Blackberry) 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.

Reflected by their purple colouring, it is packed with anthocyanins, which publicly available studies have shown may have the potential to support skin from drying effects of the sun.

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

BLUE ALGA™

(INCI: Cystoseira tamariscifolia extract, Triheptanoin)

Bio-inspired by the fascinating ability of the Cystoseira tamariscifolia macroalga to optimise the vital capture of sunlight during high tide through an adaptive colour shift, BLUE ALGA™ is an oil-soluble, eco-designed extract that enhances the natural skin's positive biological response to sun exposure.

It supports neuro-immunity by stimulating the skin's vitamin D-induced defence pathway and well-being neuromediator release for improved skin health, resilience, and radiance.

This innovative neuro-immunity concept is scientifically proven to act on 3 skin defence barriers: physical, immunological, and neurosensory.

New performance tests with BLUE ALGA™ have shown to improve skin dewiness, glow, hydration and shown to reduce skin redness. Skin hydration, especially for very dry skin, is vastly improved. Due to the amazing ability of Blue Algae™ to adapt to its environment helps to look after the skin resulting in skin longevity.

BLUE ALGA™ is locally sourced, developed and manufactured in France.

Recommended usage level: 1 - 2%

BOREALG TG

(INCI: Caprylic/Capric Triglyceride, Laminaria Hyperborea Extract)

BOREALG TG is derived from Laminaria hyperborea, an organic brown seaweed known as the "Queen of Longevity." Thriving during harsh winter storms and heavy waves, this species has adapted to survive using a remarkable regenerative system. While most Laminaria live for only three years, the Queen survives for 10-30. It is the only seaweed that completely regenerates its blade every spring; as a new blade develops underneath, the old one sheds in the spring/ early summer therefore keeping the plant's metabolic activity high year-round. This organic alga grows in Brittany (France) and the extraction process uses Sustainable Palm Oil (RSPO) Mass Balance grade.

BOREALG TG is a liposoluble active ingredient composed of a pool of lipidic and antioxidant molecules (such as fucosterol) coming from the leathery kelp of the brown seaweed, Laminaria hyperborea. BOREALG re-stimulates the epidermal turnover rate that tends slow as we age. BOREALG TG re-activates the skin's natural regeneration process and reduces redness thanks to a synergistic action on mitochondrial activity, leptin receptors, Fatty-Acid-Binding Protein 3 (FABP3) as well as Cyclin D1 (CCN D1).

BOREALG TG noticeably improves skin appearance and accelerates wound healing. Its soothing properties make it ideal for post-treatment care, such as recovery after peels, laser or tattoos, irritated skin to calm redness, dryness, and discomfort from sunburn or sensitivity and for barrier protection as BOREALG TG It significantly reduces TEWL therefore reinforcing the skin's barrier against daily aggressions.

In Hair Care, BOREALG TG revitalises the scalp and hair follicles, helping to stimulate growth while improving overall texture and manageability.

Recommended usage level: 1-3%

Breu Branco Oil

(INCI: Protium heptaphyllum oil)

CitroForest Breu Branco Oil by Citróleo Group acts as an antioxidant, healing, anti-inflammatory, stimulating and antiseptic agent. It is obtained by the steam distillation process from the breu branco resin. It is rich in monoterpenes and sesquiterpenes.

It offers healing, stimulating and antiseptic properties. It protects against the effects of solar radiation. CitroForest Breu Branco Oil is used in perfumes, soaps, depilation and post-depilation, photo-protective, aromatherapy and other cosmetic products.

Recommended usage level: Bar and liquid soaps: 0.1 - 1.5% Creams and lotions: 0.1 - 1.0%

Buriti oil

(INCI: Mauritia flexuosa fruit oil)

Due to high ß-carotene content, it can be used in the formulations of sunscreen and products for pre- and post-sun. Clinical tests showed that the addition of 5% of buriti oil in a sunscreen formulation resulted in a increase of about 20% in a final Sun Protector

Factor (SPF) of the product when compared to a product with no have the addition of the buriti oil. Rich in fatty acids, primarily oleic acid, buriti oil assists in the regeneration of the protective hydrolipidic barrier of the skin. It can be used in body creams, lotions, soaps and bath oil.

It can also be used in formulations for the treatment of scalp whereby a study using 5% buriti oil in a conditioner formulation improved the resistance of the hair fibre in chemically dyed hair.

Recommended usage level: 0.5 - 5%

ButterPlus™ E

(INCI: Octyl dodecanol, Euphorbia Cerifera (Candelilla) Wax, Isostearyl Isostearate, Stearyl Behenate, Polyhydroxystearic acid, Olea Europaea (Olive) Fruit Oil, Stearyl Alcohol, Behenic Acid, Stearyl Stearate, Cetyl Stearate)

ButterPlus™ E is a new Natural Structured Butter Complex™, designed to provide superb barrier qualities, combined with great moisturisation and excellent emollience.

It is a soft and creamy paste, that begins to liquefy on skin contact, its melt profile provides outstanding spread and play time with excellent skin feel, without greasiness.

ButterPlus™ E is also an excellent delivery system for incorporating essential oils into skincare preparations, providing extended oxidative stability, and aids in fragrance longevity. It's an elegant natural alternative to conventional type butters for a wide range of other skin and sun care applications.

Recommended usage level: 1 - 10%

CARNAUBA BUTTER®

(INCI: Octyl Dodecanol, Copernicia Cerifera)

Carnauba Butter® 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%

CARROT OIL

(INCI: Helianthus Annuus (Sunflower) Seed Oil, Daucus Carota Sativa (Carrot) Root Extract, Daucus Carota Sativa (Carrot) Seed Oil, Beta-Carotene, Tocopherol)

Carrot is rich in carotenoids, mainly β-carotene (precursor of vitamin A), which gives it its particular colour and provides an anti-wrinkle effect.

It also acts as a free radical scavenger providing protection to the skin and hair.

In suncare it enhances tanning and provides photo-protection.

Recommended usage level: 0.5 - 5.0%

DERMASOOTH™

(INCI: Propanediol, Aqua, Enteromorpha Compressa Extract, Silybum Marianum Fruit Extract, Ocimum Sanctum Leaf Extract, Citric Acid)

DERMASOOTH™ is a truly soothing solution for sensitive skin.

It inhibits the synthesis of prostaglandins and pro-inflammatory mediators IL-6/ IL-8 while increasing collagen synthesis in the extracellular matrix for hydrated, soothed skin after mechanical and chemical external aggressions.

This product has excellent anti-redness benefits, and is recommended for aftershave and after waxing treatment, sun care, and for post aesthetic minor procedures.

Recommended usage level: 0.5 – 1.5%

Celus-Bi® Feel

(INCI: Zea mays starch, Polyvinyl Alcohol, Glycerin)

Celus-Bi® Feel are environmentally friendly sensorial spheres. These spheres are a biodegradable alternative by replacing standard powders such as, Nylon-12 , PMMA, Polyurethane and Polyethylene in colour cosmetics and skincare.

Celus-Bi® Feel is compatible with both oil and water phases.

It is suitable for a wide range of applications like make-up, skin care, sun care and hair care. In sun care, it also serves as an SPF booster and in hair care its oil absorbent properties help with oil control.

Different size spheres are available:

Celus-Bi® Feel 5

Celus-Bi® Feel 10

Celus-Bi® Feel 20

Recommended usage level: 1-3%

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

EMotion® Air

(INCI: Ethylhexyl Pelargonate)

EMotion® Air is an ultra-light emollient with an evanescent touch, long playtime, and excellent spreadability.

EMotion® Air is comparable to cyclopentasiloxane, and can offer a sustainable alternative to traditional silicones. It is suitable for all cosmetic applications and especially in hair care.

EMotion® Air is microbiota friendly emollient.

Recommended usage level: 20%

EMotion® Light

(INCI: Tripelargonin)

EMotion® Light is an eco-designed, sustainable ester derived from renewable European crops.

EMotion® Light is a palm oil free derived high spreading , silky emollient that is an excellent alternative to typical synthetic esters such as Caprylic/Capric Triglyceride. It is lightweight, fast absorbing and is an excellent solubiliser for organic UV filters.

EMotion® Light offers a luxurious touch to both skin and hair care. In colour cosmetics, it delivers a matte finish. EMotion® Light is a microbiota friendly emollient.

Recommended usage level: 1-50%

EMotion® Silky

(INCI: Neopentyl Glycol Dipelargonate)

EMotion® Silky is a palm oil free, biodegradable and sustainable ester derived from renewable European crops.

EMotion® Silky is a natural alternative to synthetic esters such as C12-15 Alkyl Benzoate, Isononyl Isononanoate and Cyclopentasiloxane. It is a high spreading oil with a soft, silky feel making it a great partner for skin and hair care.

Due to its excellent solubilisation abilities of organic UV filters, EMotion® Silky is highly recommend for sun care.

EMotion® Silky is a microbiota friendly emollient

Recommended usage level: 0.5-50%

Emu Bush Cellular Extract

(INCI: Eremophila Longifolia 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 Emu Bush is a unique Australian pioneer species that has evolved over centuries to create powerful mechanisms to store vast quantities of phyto-compounds needed to survive the extreme conditions of the Australian Desert. Records show its leaves were used by Aboriginal tribes to wash sores and cuts.

The NE Emu Bush Cellular Extract delivers natural molecules in a water-soluble format, including chlorogenic acid (CGA), ferulic acid, isorhamnetin, quercetin, verbascoside and more. Ideal for acne blemishes, soothing skin, signs of ageing and after sun care. Available as a concentrate and as a 10% dilution.

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

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%

EquiBiotics™ LA

(INCI: Maltodextrin, Lactobacillus)

EquiBiotics® LA is an active focused on skin microbiota and sensitive skin. It is a probiotic-derived ingredient obtained by L. acidophilus PBS066 integral-structure preservation.

As post-biotic ingredient, EquiBiotics® LA, is able to modulate the amount of TNF-alpha to enhance the skin barrier and balance the skin microbiota. These activities make it the perfect active for sensitive skin.

It is designed to take care of the epidermis, treating it as a complex ecosystem considering multiple variables, especially the skin microbiota and the cross-talk with the skin. It supports skin microbiota and sensitive skin through, enhancement of the skin barrier, modulation of the skin microbiota and modulation of the induction of inflammation.

Recommended usage level: 1%

ESSACHEM® EH

(INCI: Octyldodecyl Olivate, Caprylic/Capric Triglyceride)

A dry sensory complex ideally suited to offer exceptional sensory properties for the skin (face and body) and hair formulations. It delivers an ultra-light, soft and fast absorbing spreading profile whilst providing the formulation with a natural complex, for a long-lasting, non-tacky after feel.

It also aids in the dispersing of inorganic materials for pigmented systems and sun care applications

Recommended usage level: 2 - 8%

ESSACHEM® EH-D

(INCI: Octyldodecyl Olivate, Caprylic/Capric Triglyceride, Bis-Octyldodecyl Dimer Dilinoleate/Propanediol Copolymer)

The ESSACHEM® EH-D is a new and novel Natural Dispersion and Sensory Complex designed to aid in the dispersion of inorganic materials for pigmented systems in colour cosmetic and sun care applications. The ESSACHEM® EH-D marries the light sensory emollient and dispersion attributes from ESSACHEM® EH with the superior dispersing and film forming properties of a unique proprietary natural polyester polymer. This natural complex provides enhanced pigment dispersion with increased water resistance while delivering a light buttery sensory after-feel to the skin. In sun care applications the ESSACHEM® EH-D has excellent performance characteristics with both treated and untreated mineral sunscreen actives. In colour systems it provides enhanced performance characteristics, especially on aluminum lakes, providing a more uniform deposition on the skin or lips. ESSACHEM® EH-D is your ideal, natural sensory and dispersion additive for colour cosmetic and sun care applications.

Recommended usage level: Pigmented Systems 2 - 20%; Sun Care: TiO2 10 - 12%; Sun Care: ZnO 8 - 10%; Lip Care 5 - 10%

ESSACHEM® J

(INCI: Jojoba Esters)

A unique, dry oil sensory complex derived from Jojoba seed and designed to deliver the ideal dry oil texture that is required for light sensory driven applications, offering an extremely soft, dry, sensory profile that is non-greasy for skin and hair applications.

Exception for use in delivering essential oils to the skin to enhance the feel without leaving a heavy spread profile. Designed to offer a soft, silky conditioning effect for hair care formulations without creating a heavy, greasy texture.

It will also aid in the dispersion of inorganic materials without compromising the target texture required in facial preparations.

Recommended usage level: 5 - 12%

ESSACHEM® JP-C

(INCI: Jojoba Esters)

A unique, solid, Natural Sensory Complex™ derived from Jojoba seed designed to offer a solid to liquefying effect when spread on the skin and hair that is extremely soft and non-greasy.

The ESSACHEM® JP-C offers exceptional texture and film forming properties for pigmented systems and melting creams without compromising the target skin sensory profile required in facial applications. Provides natural water-resistancy.

Recommended usage level: 5 - 12%

ESSACHEM® O

(INCI: Octyldodecyl Oliveate)

The ESSACHEM® O is a natural based ester complex designed to offer exceptional sensory properties for skin and hair. ESSACHEM® O is ideal to enhance the skin's moisturising properties while providing the formulation with a natural complex to deliver a long-lasting, non-tacky after feel that will provide protection to the skin.

The natural complex of mixed esters will also aid in dispersing inorganic materials for pigmented systems and sun care applications.

Recommended usage level: 3 - 8%

ESSACHEM® SILK-100

(INCI: Octyldodecyl Olivate, 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%

ESSACHEM® PVL

(INCI: Plukenetia Volubilis Mixed Esters)

ESSACHEM® PVL is a new, ultra-dry Natural Sensory Complex™ derived from the Sacha Inchi Seed Oil, designed to deliver essential fatty acids.

This super absorbing Natural Sensory Complex™ is enriched Omega-3, 6 and 9 fatty acids combined with naturally occurring Vitamin-A and Vitamin-E (alpha and gammatocopherols).

Excellent silicone replacement.

Recommended usage level: Skin Care 6.0 - 10.0%; Silicone-free pigmented systems 10.0 - 15.0% and Hair care 6.0 - 10.0%

Evicare® emolight

(INCI: Isoamyl Laurate)

Evicare® emolight is a fast-spreading emollient and an exciting conditioning agent for all types of skin- and haircare formulations.

This ingredient is 100% based on renewable resources and is thus compliant with all common natural cosmetics certification standards such as COSMOS and Natrue. As well as the raw material being sourced exclusively in RSPO MB quality.

This 100% natural emollient Evicare® emolight is composed of isoamyl laurate, as ester oil known to generate a smooth and exceptionally light skin feel when used in skincare applications. It is often used to mimic the exceptional sensorial profile of silicone oils. Evicare® emolight is practically colourless and odourless, and thus will have no negative impact on formulations.

Unlike other oils, it is not prone to oxidation and will not generate unwanted odours or discolouration over time. As a polar oil, Evicare® emolight is also a potent solvent for actives and UV-filters[1]. Even the solubility of pigments is improved.

Recommended usage level: 1.0 – 20 % as an emollient for skin care formulations; 0.5 – 1.5 % as a hair conditioning agent in hair care formulations.

Evicare® PGPR

(INCI: Polyglyceryl-3 Polyricinoleate)

Evicare® PGPR is a very popular food grade W/O-emulsifier. This powerful, robust and 100% natural emulsifier provides reliable and stable emulsions with an extra caring effect. It works with all kinds of emollients and for people concerned about the sustainability of palm products: Evicare® PGPR is based on Castor Oil. Evicare® PGPR provides a rich and caring skin feel making it ideal for use in protecting hand creams, night creams and water-proof formulations where a thicker consistency is desirable. It can be used on its own or combined with co-emulsifiers and waxes.

Recommended usage level: 2.0 - 3.0%

Evicide® MP 8

(INCI: Methylpropanediol, Caprylyl Glycol, Phenylpropanol)

Evicide® MP 8 is a mixture of Methylpropanediol, Caprylyl Glycol and Phenylpropanol, and acts as a potent broad-spectrum antimicrobial mixture. This blend is designed to be an easy-to-use, pH-independent all-purpose replacement for traditional preservatives such as parabens, MIT or formaldehyde releasers. Evicide® MP 8 is suited to preserve all kinds of cosmetic formulations, even hard to protect types such as sun screens or clay-containing creams.

Recommended usage level: 2.5 - 4.0%

Evicare® toco sun

(INCI: Tocopherol)

Evicare® toco sun is a natural mixed tocopherol. With our single sourcing strategy we can guarantee that it is non-GMO quality sourced from Sunflower seeds (Helianthus annuus) and no other vegetable oil is added afterwards. A pure product from just one vegetable origin – hence the simplified INCI name compared to other suppliers. Evicare® toco sun – in contrast to tocoherols from other sources is high in alpha tocopherol (>90%), which is the isomer with highest biological activity in the skin. Evicare® toco sun is the fully natural and unmanipulated alternative to alpha tocopherol that is usually chemically derived from mixed tocopherols or even purely synthetic. Suitable for all emulsions and oil-based products and a very effective happy-ageing active for the skin.

Recommended usage level: 0.05 - 0.3%

EXO DDS UV Repair

(INCI: Aqua, Phophatidylcholine, Mannitol, Glycerine, Polyglyceryl-10 Laurate, Lupinus Albus seed oil, Potassium Sorbate, Sodium Benzoate, Hydrolyzed Lupine protein, Betasitosterol, Ubiquinone, Triticum Vulgare Germ Oil Unsaponifiables, Citric acid.)

This exosome-like biomimetic Deep Delivery System, is derived from White Lupine (Lupinus albus) and includes Lupinus albus seed oil, wheat germ unsaponifiables and Lupine-derived peptides. The upcycled Lupinus albus is sustainably sourced from Western France and fully traceable.

White Lupine, known for its natural richness in bioactive lipids and peptides, are known to support the skin when placed under environmental stress especially UV, IR and Blue light. This Lupine derived exosome encapsulates Coenzyme Q10, and, together form a powerful duo that enhances the skin's strength and reaction to photo-induced stress.
Exo DSS UV Repair is suitable for use in after sun treatments, serums for photodamaged skin, mature skin, and body care.

Recommended usage level: 1-10%

Hierogaline®

(INCI: Triticum Vulgare (Wheat) Germ Oil Unsaponifiables, Sesamum Indicum (Sesame) Oil Unsaponifiables)

Hierogaline® is a concentrate of precious molecules, the unsaponifiable elements of sesame and wheat oil (10-15%), extracted by molecular distillation. This original patented process was developed by recognised experts at the Laboratoires Expanscience.

Responsibly sourced from Europe and Africa, Hierogaline® protects skin from external aggressions and repairs skin after sun exposure.

Recommended usage level: 0.2 – 2%

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.

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.

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%

Idrawax® Revo

(INCI: Helianthus Annus Seed Cera, Polyglyceryl-3 Polyricinoleate)

Idrawax® Revo is a multifunctional, 100% vegetable origin natural wax designed to create solid W/O emulsions.

It offers good product stability and unique, innovative textures.

Idrawax® Revo is tolerant of both hydrophilic and lipophilic active ingredients, and has the ability to emulsify up to 30% hydrophilic phase.

Idrawax® Revo is a good choice in formulating waterless products and solid sticks.

Recommended usage level: Sticks >11%

Kakadu Plum Cellular Extract

(INCI: Terminalia Ferdinandiana 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 Kakadu Plum Cellular Extract delivers stable, natural, active and biological/recycling vitamin C in a water-soluble format.

This botanical species, is the highest source of vitamin C, offering other natural molecules in a water-soluble format that contains natural antioxidant capacity. Kakadu Plum also known as Gubinge, Billygoat Plum or Murunga, is a native tree from Australia, the fruit is wild harvested by Indigenous communities exclusively in the Kimberleys, Northern Territory and Arnhem Land. Indigenous Australians have used this fruit extensively for food, its healing properties and traditional medicine.

Ideal for anti-ageing, wellness and haircare. Available as a concentrate or as a 10% dilution.

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%

LICORICE - ECO

(INCI: Glycerin, Aqua, Glycyrrhiza Glabra (Licorice) Root Extract, Potassium Sorbate, Sodium Benzoate)

LICORICE - ECO extract is produced from the roots and rhizomes of Glycyrrhiza glabra.

It contains saponins, flavonoids, coumarins and triterpenoids. Glycyrrhizin has long demonstrated its strengthening action on hydrocortisone anti-inflammatory activity. Other flavonoid components of licorice root, such as liquiritoside, have shown in vitro anti-inflammatory activity.

LICORICE - ECO stimulates the skin defences, inhibits Tyrosinase, provides anti-ageing skin protecting, antioxidant and purifying properties. It can be used in lotions, creams and masks aimed at blushed, irritated, itchy and/or greasy skin, products for greasy hair, skin lightening and after-sun products.

Recommended usage level: 0.1-2%

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%

LINGOSTEM™

(INCI: Aqua, Glycerin, Vaccinium Vitis-Idaea Fruit Extract, Xanthan Gum, Citric Acid Pentylene Glycol, Levulinic Acid, Glyceryl Caprylate)

LINGOSTEM™ is a natural active ingredient obtained from cranberry plant stem cells using an environmentally friendly biotechnological process that provides a higher level of efficacy.

LINGOSTEM™ is able to repair and protect skin against the oxidative damage caused by solar radiations such as UV, IR-A and blue light, improving the skin's antioxidant capacity reducing wrinkles and spots, and improving moisturisation, firmness and elasticity.

The result is skin with a young and healthy appearance, which is more resilient against sun damage.

Recommended usage level: 1-2%

LINGOSTEM™ GNNX

(INCI: Aqua, Glycerin, Vaccinium Vitis-Idaea Fruit Extract, Xanthan Gum, Citric Acid Pentylene Glycol, Levulinic Acid, Glyceryl Caprylate)

Cranberry stem cells protect and repair the skin from sun damage, thanks to their powerful antioxidant properties.

The high polyphenol content of the cranberry boosts the cells' natural mechanism against oxidative damage caused by IR and UV radiation.

Repairs and prevents UV and IR effects. An antioxidant and free radical scavenger for anti-photoaging and blue light protection.

Recommended usage level: 1 – 2%

M-ZnO P AS

(INCI: Zinc Oxide, Triethoxycaprylylsilane)

High transparency, nano (30 ~ 50 nm) Zinc Oxide sunscreen with excellent UVA protection.

Recommended usage level: 5 - 25%

Lupine Oil

(INCI: Lupinus Albus Seed Oil, Triticum Vulgare (Wheat) Lupinus Albus Seed Oil)

Lupine is a legume whose seeds are very high in protein and secondary oil. This plant is an important source of molecules for cosmetic and nutritional products.

Lupine oil is extracted from sweet white lupine seeds sustainably farmed in France. Low in lipids, the seeds produce a rare oil that provides a natural amber colour, due to the presence of ß-carotenes (a known photoprotector), to formulations.

Lupine oil protects the skin from external aggressions thanks to its high content of carotenoids and vitamin E.

Recommended usage level: 0 – 100%

MARINE BAMBOO™

(INCI: Caprylic/Capric Triglyceride, Himanthalia Elongata Extract)

MARINE BAMBOO™ comes from a brown and organic seaweed: Himanthalia elongata.

Rich in fucosterol, it provides pro-aging and multi-light protection. It firms and tones skin thanks to its targeted action on Elastin, MMP1 and the contractile forces of fibroblasts. Marine Bamboo™ fights the damaging effects of ageing, blue light, UV, IRA and pollution thanks to its activities on the restoration and protection of the contractile forces of fibroblasts. It also firms and tones the skin.

Recommended usage level: 1-3%

MC30

(INCI: Hydrogenated Polyisobutene)

Hydrogenated polyisobutene is a multifunctional oily base for cosmetic formulations that acts as a substitute for mineral oils.

MC30 is a low molecular weight (330), liquid emollient offering moisturising by fortifying skin's natural barrier to reduce moisture loss.

Supports water resistance of sun care formulations and remains effective even after coming into contact with water. Prevents the clumping of pigments in makeup and makes their dispersion easier.

Brings thickness in skin products to create a luxurious feel, and to help formulation stay thoroughly homogeneous.

Recommended usage level: 1-30%

MC300

(INCI: Hydrogenated Polyisobutene)

Hydrogenated polyisobutene is a multifunctional oily base for cosmetic formulations that acts as a substitute for mineral oils.

MC300 is a high molecular weight (1300), viscous emollient offering moisturising by fortifying skin's natural barrier to reduce moisture loss.

Supports water resistance of sun care formulations and remains effective even after coming into contact with water. Prevents the clumping of pigments in makeup and makes their dispersion easier.

Brings thickness in skin products to create a luxurious feel, and to help formulation stay thoroughly homogeneous.

Recommended usage level: 1-30%

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

Mountain Pepper Leaf Cellular Extract

(INCI: Tasmannia lanceolata 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.

Specially designed for sensitive skin to protect and reduce skin sensibility. Perfect for post-shave and sunburn brief's.

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

MT-012 SA

(INCI: Titanium Dioxide, Aluminum Hydroxide, Stearic Acid)

High transparency, nano (12-15 nm) coated Titanium Dioxide sunscreen with excellent UVB protection.

Recommended usage level: 5 - 15%

Native River Mint Cellular Extract

(INCI: Mentha australis 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.

The NE Native River Mint Cellular Extract delivers all the natural molecules this botanical species can offer in a water-soluble format, including amino and organic acids, phenolics, flavonoid glycosides, rosmarinic acid, terpenoids and methoxy flavonoids to power your products naturally. While native to all states, NATIVE EXTRACTS source their Native River Mint from the South Australia Riverlands region grown by their Indigenous Grower, Dominic Smith (Pundi Produce) using a water efficient aquaponics process.

There is a unique synergy between the phyto compounds in the NE Native River Mint Cellular Extract that make this Australian Botanical a unique plant profile, with a standout phyto-compound, rosmarinic acid, which is well-known for its anti-inflammatory, UV protection, anti-wrinkle, anti-scarring and anti-microbial properties.

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

NIPSEAL®

(INCI: Silica)

NIPSEAL® consists of spherical silica particles with low nitrogen content. It functions as an effective absorbing agent that improves spreadability, reduces greasiness, and enhances the fluidity of formulations. NIPSEAL® also acts as a thickener for oils and provides a soft focus effect that helps blur skin imperfections. It is suitable for use in loose powders and foundations.

NIPSEAL® 3150 SA*: 2 - 5 µm

NIPSEAL® 6150 SA*: 5 – 8 µm

NIPSEAL® 9150 SA*: 7 - 11 µm Higher oil absorption

NIPSEAL® 9250: 7 - 11 µm Higher oil absorption

*SA = Manufacturing process has a Low Nitrogen impact

Recommended usage level: soft focus effect, blurring, oil control in emulsions and foundations 0.5–2%; sensory improvement, mattifying, sebum control in powders 5–15%; loose powders 10–50%

Olifeel®E-Nat W/O

(INCI: Polyglyceryl-3 Polyricinoleate, Polyglyceryl-3 Oleate)

Olifeel® E NAT W/O is a 100% natural, eco friendly emulsifier derived from the non- edible by-products of Mediterranean olives.

Olifeel® E NAT W/O is a primary emulsifier which provides a smooth, non- greasy skin feel and no co- emulsifier is required.

Olifeel® E NAT W/O has good compatibility with a wide range of oils of differing polarities, UV filters and thickeners. Olifeel® E NAT W/O is an extremely versatile emulsifier as it can be processed hot or cold.

Suitable for most cosmetic applications

Recommended usage level: 3-6%

OPUNTIA EXTRACT PNBN

(INCI: Propylene Glycol, Aqua, Opuntia Ficus-Indica Extract, Sodium Benzoate, Potassium Sorbate)

Common name is prickly-pear. This extract regulates TEWL, provides moisturising and emollient properties, as well as wound healing. Ideal for sensitive and mature skins due to it stimulating cell regeneration and providing antioxidant, photoprotection and anti-ageing properties. In hair it can be used for colour protection.

Recommended usage level: 0.5-5%

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 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 cand hair. Ideal for soaps, moisturisers, massage oils and hair products.

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 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 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 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%

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

Phytosqualan VG

(INCI: Squalane)

Phytosqualan VG has been derived from sustainable and reliable plant sources, and continues to present and offer all the amazing performance benefits of Phytosqualane Olive.

Phytosqualan VG is a high performance natural squalane suitable for skincare, body care, suncare, make-up and hair care. It has biomimetic affinity to the skin, reduces TEWL and offers a lightweight feel. In hair care it helps to reduce frizz, increase shine and improve combability.

Recommended usage level: 3-10%

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%

Plerasan® 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%

Quandong Cellular Extract

(INCI: Santalum Acuminatum 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 desert Quandong is a unique Australian fruit found widely throughout the deserts, and semi-arid areas of Southern Australia. It has striking, shiny red fruit. Often referred to as 'goorti' (Nurungga) or 'native peach', the fruit has been a significant food source for Indigenous and the oil-rich kernels were used as anti-inflammatory and antibacterial pastes, to treat skin disorders, and used as a "hair conditioning oil".

The NE Quandong Cellular Extract delivers the natural molecules this botanical species can offer in a water-soluble format, including amino and organic acids, phenolics, chlorogenic acid, anthocyanins, flavonoid glycosides, rutin and more.

Ideal for UV protection, anti-inflammatory and antioxidant. Available as a concentrate and as a 10% dilution.

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

QUINOA EXTRACT H.GL. - M.S

(INCI: Aqua, Glycerin, Chenopodium Quinoa Seed Extract, Potassium Sorbate, Sodium Benzoate)

QUINOA EXTRACT H.GL. - M.S. is a water-soluble extract. Moisturising. Nourishing. Emollient. Conditioning. Irritated or sensitive skin. Anti-ageing. Photoprotection.

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%

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

SOY EXTRACT GNBN

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

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

Recommended usage level: 0.5-5%

SUNTAN ACCELERATOR PSP

(INCI: Aqua, Glycerin, Acetyl Tyrosine, Riboflavin, Potassium sorbate, Phenoxyetanol)

SUNTAN ACCELERATOR PSP enhances suntan and its intensity. Quicker and long-lasting tanning. Promotes the synthesis of melanin in the skin thanks to its high tyrosine and riboflavin content. It activates and boosts natural tanning, with an immediate and long-lasting effect.

Recommended usage level: 2 – 3.5%

TANOSITOL™ SPE

(INCI: Inositol)

TANOSITOL™ SPE is a novel plant active ingredient, which intensifies and prolongs skin tanning through an innovative mechanism based on the activation of second messengers involved in melanin synthesis, providing a longer lasting bronzing effect.

TANOSITOL™ SPE stimulates post-irradiation melanogenesis, thus accelerating the late phase of suntan providing a quicker, safer and longer lasting skin pigmentation.

Furthermore, it prevents cutaneous photo-ageing by increasing collagen I synthesis for a safer and more intense tan.

Recommended usage level: 0.05 – 0.1%

TURMERIC EXTRACT H.GL. - M.S

(INCI: Glycerin, Aqua, Curcuma Longa (Turmeric) Root Extract, Sodium Benzoate, Potassium Sorbate)

TURMERIC EXTRACT H.GL. - M.S. is a water-soluble extract. Anti-inflammatory. Sensitive and/ or irritated skin. Wound healing. Antioxidant. Anti-ageing. Photoprotection. Depigmenting. Antimicrobial. Antiseptic. Insect repellent.

Recommended usage level: 0.5 - 5%

Recommended usage level: 0.5 - 5%

Vegan DDS Cysteamine

(INCI: Aqua, Mannitol, Phosphatidylcholine, Glycerin, Cysteamine HCL, Cetyl Alcohol, Citric Acid, Potassium Sorbate, Polyglyceryl-10 Laurate, Sodium Chloride)

When applied topically Cysteamine Hydrochloride can scavenge free radicals and lighten skin that has been darkened as a result of sun exposure, Melasma or post-inflammatory hyperpigmentation.

INdermal has encapsulated 2% Cysteamine in their Deep release nano-vesicles (DDS – Deep Delivery System) for use in cosmetic, cosmeceutical or dermo pharmaceutical formulations.

Recommended usage level: Daily cream: 3% – 5%; Serum: 4% – 8%; Mask: 3% - 7%; Ampoules: 5% - 10% and Professional use: 7% - 10%

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%

Vegan DDS Enoxolone

(INCI: Aqua, Mannitol, Phosphatidylcholine, Glycerin, Polyglyceryl-10 Laurate, Cetyl Alcohol, Sodium Benzoate, Potassium SOrbate, Glycyrrhetinic 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 Ferulic

(INCI: Aqua, Mannitol, Phosphatidylcholine, Glycerine, Ferulic Acid, Cetyl Alcohol, Potassium Sorbate, Tocopheryl Acetate, Decyl Glucoside, Xanthan Gum, Sodium Chloride)

Ferulic Acid is a phenolic acid with a low molecular weight, of vegetable origin and present in the cell walls of certain fruits such as blackberries, raspberries, apples, olives, oranges, pineapples... its function in plants is to provide structure rigidity as well as resistance against degradation.

It is a powerful antioxidant which neutralises cell deterioration produced by contamination generated free radicals, ultraviolet light or infra-red radiation which accelerates premature aging of the skin. Furthermore, Ferulic Acid improves the production of collagen and elastin fibres and for this reason it is used in the treatment of fine lines and wrinkles.

Recent studies have also shown that ferulic acid is capable of slowing the action of UVA and UVB rays individually and synergistically with other sunscreen products. For this reason, it is often used as a booster sunscreen in solar formulations. In so doing it prevents the appearance of blemishes and photo aging.

The encapsulation of 3% Ferulic Acid within the INdermal Vegan DDS system provides protection against oxidation, maximum delivery of the active ingredient to the deep skin levels, gradual delivery for longer lasting effect, increases the bioavailability of the active ingredient and avoids discolouration.

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%

VeLLvet

(INCI: Lauroyl Lysine)

VeLLvet is derived from L- Lysine and lauric fatty acid, created through a green chemistry process. This extra fine powder enhances spreadability, and due to its hexagonal structure, helps deliver a soft, silky finish to the final product.

VeLLvet is often used alongside EMotion® Silky to help solubilise organic UV filters while maintaining a pleasant skin feel.

Recommended usage level: Emulsions 0.5-5%,Hair care (conditioners, creams): 0.5-3%; Liquid foundations & Tinted creams 5-15%; Lipstick and balms 5-20%

Willow Herb Cellular Extract

(INCI: Epilobium angustifolium 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.

The unique anti-inflammatory and antioxidant synergy found in this extract make it an integral ingredient for a wide range of superior topical applications. Provides fast relief from skin irritations.

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

ZENERBET®

(INCI: Octyl Dodecyl Dimer Dilinoleyl Alcohol/Succinic Acid Copolymer)

Zenerbet® is a unique Guerbet polyester made from naturally derived Dimer Alcohol, Dimer acid (Succinic acid) and Guerbet alcohol (Cctyl Dodecanol). This 100% active branched polymeric Guerbet, which has a high molecular weight (10,000+) is a hydrophobic products that can be used in a variety of hair, colour, skin and sun care applications.

Zenerbet® is a branched liquid that lubricates and conditions skin and hair. Its high molecular weight has superb barrier qualities making it a wonderful product with dramatic effects in skin and sun applications as well as products for dry hair and scalp.

Its hydrophobic properties prevent it from washing off making it an excellent natural water resister and film forming polymer.

Recommended usage level: 0.5 - 10%

ZENESTER® ME

(INCI: Bis-PEG10 Dimethicone/Dimer Dilinoleate Copolymer)

Zenester® ME is a high molecular weight (36,000) polymeric silicone polyester, it is a completely reacted product. It is highly lubricious, provides superb skin feel when delivered from aqueous systems.

Zenester® ME is non-ionic and is compatible with oil/water and water/oil systems as well as anionic systems, thereby providing the formulator with greater latitude.

Zenester® ME is water dispersible and would be brilliant in sun and skin applications. Zenester® ME is patent pending.

Recommended usage level: 0.25 - 4%

ZENESTER® S

(INCI: PEG-8 Dimethicone/Dimer Dilinoleic Acid Copolymer)

Zenester® S is a water soluble high molecular weight (25,000) polymeric silicone polyester. It is highly lubricious and provides excellent wet comb and conditioning as well as superb skin feel when delivered from aqueous systems.

Zenester® S is non-ionic and is compatible with cationic and anionic systems thereby providing the formulator with greater latitude. This product is water soluble and goes clear into a formula. Zenester® S is patent pending.

Recommended usage level: 0.25 - 4%

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%

ZENICONE® IX

(INCI: PEG-8 Dimethicone, PEG-8 Ricinoleate)

This versatile product is a water-soluble polymer. It is very substantive to hair and skin. Since the product is non-ionic, it is compatible with cationic and anionic surfactants.

Additionally, it acts as a coupler for W/O emulsions and blends clear into formulas. It contributes to volumising in normal to oily hair shampoos. This unique compound has superb pigment wetting and dispersion properties.

It may be used in spray-on sun and moisturising applications.

Recommended usage level: 0.25 - 4%

ZENICONE® XQ

(INCI: PEG-8 Dimethicone, PEG-8 Ricinoleate, Polyquaternium 57)

This multi-functional water-soluble polymer created from a castor based quaternary will improve volumising and manageability of dry and damaged hair. It has a high molecular weight and is very mild in formulations used for skin and sun applications.

Recommended usage level: 0.25 - 4%

ZENICONE® XX

(INCI: PEG-8 Dimethicone, PEG-8 Ricinoleate)

ZENICONE® XX is a high molecular weight (6,000) water-soluble polymer. This highly substantive product does not adversely affect foam or viscosity in shampoos while contributing to volumizing and improved comb through.

In skin and sun emulsions, the high molecular weight increase substantivity and creates a lubricious emollient feel while leaving the skin soft and smooth.

Recommended usage level: 0.25 - 4%

ZENIGLOSS®

(INCI: Castor Isostearate Succinate)

This natural liquid polymer has been created to provide versatility with optimal functionality. It has a high molecular weight which improves substantivity and adds exceptional gloss to a variety of applications.

This unique compound has superb pigment wetting and dispersion properties. When used in hair and skin formulations it adds luster and contributes to a smoother application.

In colour and hair formulations it acts as a superb natural glossing agent and has been found to boost the SPF in sun care products. It is natural and biodegradable and is easily formulated into finished products.

Recommended usage level: 0.25 - 6%

ZENIGLOSS® Q-SE

(INCI: Polyquaternium-57, PEG 8 Ricinoleate)

This self-emulsifying quaternary compound based on Zenigloss® Q-SE forms a stable emulsion when mixed into cold or warm water. The self-emulsifying properties result in an easy to use conditioning system that provides substantivity and gloss to all applications.

It performs very effectively on damaged (coloured, permed, or bleached) hair and is a superb detangler. Zenigloss® Q-SE is an extremely mild polymer and can be used for body washes, skin and hair applications.

In 2in1 shampoos Zenigloss® Q-SE has been found to outperform conventional silicone based ingredients in both wet and dry comb performance, as well as gloss providing shine to the hair. Can also be used in nail varnish removers.

Recommended usage level: 2 - 8%

ZENIGLOSS® S

(INCI: Castor Isostearate Beeswax Succinate)

This unique solid polymer with its high molecular weight improves substantivity and puts exceptional gloss in a wide variety of applications.

ZENIGLOSS® S has excellent pigment wetting and dispersion attributes. It is ideal for use in colour cosmetics, AP sticks, makeup sticks, and pencils as well as body scrubs.

It is natural and biodegradable and 100% active.

Recommended usage level: 2 - 10%

ZENIGLOSS® UP

(INCI: Castor Isostearate Succinate)

This natural Ultra-Pure polymer has been created specifically for demanding applications where low odour and taste are a requirement. It has a high molecular weight, which improves substantivity and puts exceptional gloss into a variety of applications.

This unique compound has superb pigment wetting and dispersion properties and acts as a natural glossing agent in colour and hair applications. It has also been found to boost the SPF in sun care formulations and can be easily formulated into finished products.

Recommended usage level: 0.25 - 10%

ZENIGLOSS® UPH

(INCI: Castor Isostearate Succinate, Hydrogenated Castor)

This natural Ultra-Pure polymer has been created specifically for demanding applications where low odour and taste are a requirement. It has a high molecular weight, which improves substantivity, adhesion and exceptional gloss in lip sticks.

This unique compound has superb pigment wetting and dispersion properties. It also offers excellent TEWL properties and is easily formulated into finished products.

Recommended usage level: 2 - 25%

ZENIVEG™

(INCI: Octyl dodecanol, Euphorbia Cerifera (Candelilla) Wax, Stearyl Behenate, Polyhydroxystearic acid, Behenic Acid, Cetyl Stearate, Stearyl Stearate)

Zeniveg™ is a soft and creamy all vegetable moisturiser derived from ingredients of natural origin. It is derived from the trans-esterification of a fatty alcohol with various vegetable waxes, having a similar profile to beeswax.

Zeniveg™ provides superb barrier and moisturising qualities without the greasiness of conventional butters. It has great skin feel, and starts melting at skin temperature giving it good transition and play time.

Zeniveg™ offers outstanding formulation flexibility in high water containing skin care emulsions, from light daily lotions to heavy moisturising body butters.

Recommended usage level: 1 - 10%

Zenolatum® 6800

(INCI: Ricinus Communis (Castor) Seed Oil, Hydrogenated castor oil, Copernicia Cerifera (Carnauba) Wax)

Zenolatum® 6800 is a plant-based film former and moisturiser, and is an alternative to petrolatum and petroleum jelly.

Zenolatum® 6800 offers moisture retention reducing TEWL, and its unique ingredient combination offers excellent water repellence. It is non- irritating and non- comedogenic providing a soft feel without any tackiness. It can be used in skin care, sun care, pomades, nail care and colour cosmetics.

Recommended usage level: 2-65% depending on application.

α-Lupaline®

(INCI: Lupinus Albus Seed Oil, Triticum Vulgare (Wheat) Germ Oil Unsaponifiables)

The wheat germ is the "living" part of the seed containing all of the components necessary for the plant's future growth. The oil extracted from the wheat germ is widely used in cosmetics and food products for its nutritional properties, and because it is rich in essential fatty acids (72%) and vitamin E.

Lupin is a legume whose seeds are very high in protein and contain secondary oil and minor biologically active components. This plant is an important source of molecules for cosmetic and nutritional products. α-Lupaline® is a concentrate of precious molecules, the unsaponifiable elements of the wheat germ, combined with lupin oil. The unsaponifiable element of the wheat oil is extracted using molecular distillation, an original patented process developed by recognised experts at the Laboratoires Expanscience.

α-Lupaline® protects the skin against oxidative stress generated by daily exposition to light: IR, UV and blue light. It preserves cell integrity and functions by preventing the degradation of DNA, cell membranes and proteins whilst preserving skin firmness and elasticity.

Recommended usage level: 0.1 – 1%

Contact Us

Interested?
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