



# INFINITY GREDIENTS

Inspiring Cosmetics

**Certified Natural Ingredients**

## Certified Natural Ingredients

As the drive for natural, organic and certified products continues, we offer a diverse range of solutions including Ecocert certified and COSMOS approved ingredients.

Consumers are becoming ever savvier within this market sector, with demands for socially and responsibly sourced materials from renewable and sustainable sources.

Recyclable packaging, low carbon footprint, Fair Trade and free-from claims continue, along with the requirement for performance and price to be similar to synthetic versions. A tall order we know, but we are here to offer you inspiration from our range of effective actives and functional materials, which include COSMOS approved and Ecocert certified ingredients.

Please check with us on an individual basis for compliance.

### 5 $\alpha$ -Avocuta<sup>®</sup> T

(INCI: Butyl Avocadate, Tocopherol)

Avocado research has been one of Expanscience's areas of excellence for the past 40 years. This expertise is now illustrated by a number of patents.

5 $\alpha$ Avocuta<sup>®</sup> T contains plant esters extracted from avocado oil using a green chemical process. The purity of the active ingredient is guaranteed to be over 95% in esters through a molecular distillation process patented by Expanscience.

This active ingredient from green chemistry is sustainably sourced from Mexico, Peru and South Africa. 5 $\alpha$ Avocuta<sup>®</sup> T reduces excessive secretions of sebum from the scalp and skin, reduces the shiny appearance of the T-zone and decreases dandruff.

Recommended usage level: 0.5 – 2%

### Actimilk<sup>™</sup> Apricot

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

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

Recommended usage level: 1-5%

## Actimilk™ Argan

(INCI: Water, Argania Spinosa Kernel Oil, Glycerin, Lysolecithin)

Obtained from Organic Virgin oil from cold pressing of argan seeds which are exceptionally rich in vitamin E, Actimilk™ Argan improves softness, frizz and manageability of damaged hair in both rinse-off and leave-on applications, leaving hair less coarse, smoother and easier to comb

Recommended usage level: 1-5%

## Actimp® Powder Bio

(INCI: Hydrolysed Lupin Proteins)

Lupine 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. Actimp® Powder Bio is a concentrate of Lupine peptides obtained directly from the seeds, using a bio-enzymatic process patented by Laboratoires Expanscience.

This eco-designed active ingredient is sustainably sourced in France and helps strengthen the dermal-epidermal junction by stimulating expression of the essential components of the dermis-epidermis cohesion. It protects the key actors of the dermal matrix by inhibiting metalloproteinases 1, 9, 3 and restores the elastic properties of the skin.

Two versions exist: Actimp® Powder Bio\* and Actimp® Liquid.

Recommended usage level: 0.01 – 0.2%

## Alder Buckthorn Dye Extract - Hair

(INCI: Frangula alnus bark extract, Maltodextrin)

Dark Yellow soluble dye plant extract recommended for hair care applications.

Recommended usage level: 1 - 5%

## Actimilk™ Sweet Almond

(INCI: Water, Prunus Amygdalus Dulcis (Sweet Almond) Oil, Glycerin, Lysolecithin)

Obtained from pressing the seeds of the almond tree (almond nuts), and rich in oleic acid and linoleic acid, Vitamins A & E, Actimilk™ Sweet Almond is an active plant milk that moisturises for up to 24 hours after a single application for nourished and smoothed skin.

Recommended usage level: 1-5%

## Alder Buckthorn Dye Extract

(INCI: Frangula alnus bark extract, Maltodextrin)

Orange soluble dye plant extract recommended for skin care and Personal Care applications.

Recommended usage level: Aqueous and transparent formulations: 0.1 - 0.5%; Emulsions: 1 - 3%

## 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%

## AlphaShield

(INCI: Bisabolol, Melaleuca alternifolia leaf oil)

ALPHASHIELD is a powerful synergy of certified essential oils from a sustainable source to provide a potent germicidal action by quickly eliminating (within one minute) 99.99% of germs (gram positive and negative bacteria, as well as fungi). The Active is hypoallergenic and anti-irritant.

ALPHASHIELD helps in the antiseptic power of formulations and can be combined with the action of surfactants for complete cleaning or as antiseptic solutions (also containing alcohol or benzalkonium chloride) for topical use. Its lipophilic nature and high soothing power inhibit the appearance of itching, in addition to reducing adverse reactions caused by disinfection and excessive sanitisation of the skin.

ALPHASHIELD is a dermo-purifier that restores the health of the skin, providing moisturisation and control of moisture loss. This active is safe, even in products without rinsing, protecting against contamination by microorganisms. ALPHASHIELD is a cosmetic active that represents a new proposal to conventional bactericides, such as triclosan, for a safe, effective and ecological approach.

ALPHASHIELD can still be used as a natural preservative, allowing the finished product to use the "preservative free" claim.

Recommended usage level: 0.5 – 5

## 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%

## Amisol Trio™

(INCI: Phospholipids (and) Glycine Soja (Soybean) Oil (and) Glycolipids (and) Glycine Soja (Soybean) Sterols)

Amisol Trio™ is an eco-friendly active biolipid complex, extracted from Soybean. It is ideal for sensitive and delicate skin and hair.

Amisol Trio™ is composed of essential Biolipids present in each cell membrane, such as Phospholipids, Glycolipids, Phytosterols and Vitamin F (Linoleic acid). It provides super-fattening properties, offers protection and improves moisture balance of the hair and skin (even in rinse-off applications).

Recommended usage level: 0.5 - 1.5%

## Annato Dye Extract

(INCI: Maltodextrin, Annatto / CI 75120 / E160b, Potassium hydroxide)

Orange soluble dye plant extract recommended for skin care and Personal Care applications.

Recommended usage level: Aqueous and transparent formulations: 0.1 - 0.5%; Emulsions: 1 - 3%

## Apricot Exfoliating Powder

(INCI: Prunus Armeniaca Seed Powder)

Apricot exfoliating powder for physical exfoliation of dead skin cells. Available in a range of particle sizes and organic.

Recommended usage level: 0.2 to 10%, depending on application.

## 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%

## 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%

## 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.

Avocado oil is produced by pressing dried fruits responsibly sourced from Mexico, Peru and South Africa using a unique process developed by our pharmaceutical production service.

Oil obtained by pressure dehydrated avocado. This emollient, provides a velvet touch whilst nourishing, softening and protecting the skin. When used on hair, it provides shine and nourishment.

Recommended usage level: 0 – 100%



## Ayuredi®

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

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

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

Recommended usage level: 1 – 3%

## Babaçu oil

(INCI: Orbignya Oleifera Seed Oil)

Babaçu oil has emulsifying properties making it ideal for the preparation of O/W type emulsions. As an active ingredient, it can be used in skin and hair products for moisturisation. In soap it can be used to replace fats of animal and vegetable origin and as a raw material to obtain surfactants.

Babaçu almond is used in baby products in the form of liquid talc. When crushed, the seed produces a powder, known as babaçu powder, which absorbs moisture and helps protect the baby's skin, especially in the region of direct contact with the nappy.

Recommended usage level: 0.5 - 5% creams and lotions; 0.5 - 8% bar soaps and 0.1 - 1% in hair products

## BIOACTIVE TOTAROL™ Powder

(INCI: Totarol Powder)

A world first organic super ingredient sustainably sourced from the fallen New Zealand Totara Tree. Bioactive Totarol™ is a highly potent antioxidant (7 times more potent than vitamin E) and antibacterial (including acne causing bacteria), transforming human health by harnessing 100 million years of nature. In the 1990's international and New Zealand scientists conducted research on the To-tara tree.

They were intrigued by the fact that To-tara wood seemed to survive environmental attacks and degradation. The wood had proved to be virtually unblemished after hundreds of years of growth. After testing it, they discovered that Bioactive Totarol™ located in the heartwood of the tree was the magic ingredient at play.

Bioactive Totarol™ is able to penetrate harmful, pathogenic bacteria and destroy them. It also fights free radicals which are unstable molecules that can damage cells, contributing to many health concerns.

Successfully used in cosmetic formulations for the last 20 years, this highly effective, multi-tasking and versatile ingredient can be used across cosmetics, skin care, oral and pet care products. Offering a microbiome friendly solution for acne, anti-ageing and inflammation.

Recommended usage level: 0.2%

## BIOACTIVE TOTAROL™ T9 Cosmetic

(INCI: Totarol Powder, Helianthus annuus seed oil, Polysorbate 60, Caprylhydroxamic Acid, Glyceryl Caprylate, Glycerin)

A world first organic super ingredient sustainably sourced from the fallen New Zealand Totara Tree. Bioactive Totarol™ is a highly potent antioxidant (7 times more potent than vitamin E) and antibacterial (including acne causing bacteria), transforming human health by harnessing 100 million years of nature. In the 1990's international and New Zealand scientists conducted research on the To-tara tree.

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Recommended usage level: 0.8-1%

## Biophilic™ H MB

(INCI: Hydrogenated Lecithin, C12-16 Alcohols, Palmitic Acid)

A patented natural and Cosmos certified lamellar O/W system based on the emulsifying properties of Phospholipids combined with vegetable Lipids.

The lamellar emulsion mimics the lipid structure of the Stratum Corneum for perfect affinity. It acts as a “second skin” and helps restore the cutaneous barrier of damaged skin.

Biophilic™ H MB is a hydrogenated Lecithin that is also a universal well being provider. The emulsion melts on the skin during the application and forms a restructuring film which reduces TEWL.

Recommended usage level: 3 - 6%

## BiotyFerment™ ASHWA

(INCI: Water, Glycerin, Withania Somnifera Root Extract)

Daily stressful situations generate excess free radicals leading to various skin damage (such as dehydration, premature aging, irritations, etc.). Inspired by the traditional kefir beverage, the patented fermentation process of BiotyFerment™ ASHWA uses unique kefir grains made of symbiotic microorganisms.

Due to this specific composition of kefir grains, ashwagandha bioactive molecules are transformed, giving an increased capacity to fight against free radicals in order to protect skin from oxidative stress-induced damage. Ashwagandha, also called Indian ginseng, winter cherry, or king of Ayurveda, is an adaptogen plant that has been used in Ayurvedic medicine for more than 5,000 years. It is praised for its dual capacity to energize and calm at the same time. Its roots are known to help relieve physical and mental stress.

Organically sourced from ashwagandha roots and fermented with a patented process it helps protect the skin from oxidative stress-induced damage (dehydration, premature aging, etc.), fights free radical production as well as helping to keep the skin relaxed.

Recommended usage level: 0.5 - 2%

## Biophilic™ S MB

(INCI: Lecithin, C12-16 Alcohols, Palmitic Acid)

A patented natural and Cosmos certified lamellar O/W system based on the emulsifying properties of Phospholipids combined with vegetable Lipids.

The lamellar emulsion mimics the lipid structure of the Stratum Corneum for perfect affinity. It acts as a “second skin” and helps restore the cutaneous barrier of damaged skin.

Biophilic™ S MB contains non-hydrogenated Lecithin and as such, a chelating agent and antioxidant is required. The emulsion melts on the skin during the application and forms a restructuring film which reduces TEWL.

In hair care, Biophilic™ S MB leaves hair shiny and soft. This is as a result of hair fibre repair and protection. Volume and frizz is reduced, curl definition and combability is increased.

Recommended usage level: 3 - 6%

## BiotyFerment™ ASTRA

(INCI: Water, Glycerin, Astragalus Membranaceus Root Extract)

Inspired by the traditional kefir beverage, the patented fermentation process of BiotyFerment™ ASTRA uses unique kefir grains made of symbiotic microorganisms. Due to this specific composition of kefir grains, astragalus bioactive molecules are transformed, giving an increased capacity to stimulate hyaluronic acid and collagen production and recover skin vitality.

Astragalus, also called Huang Qi in China and Korea, is an adaptogen plant that has been used in traditional Chinese medicine for more than 2,000 years. Its roots are the most widely prescribed medicinal herbs in Chinese formulas to reinforce “Qi”, the vital energy. Infusions made with the roots are also used as a tonic for persons who want to revitalise their body and fight fatigue to improve general health and wellness.

Organically sourced astragalus roots are fermented with a patented process in order to boost cell metabolism (cells in proliferation), increase hyaluronic acid synthesis, stimulate collagen production and provide an anti-fatigue effect.

Recommended usage level: 0.5 - 2%



## BiotyFerment™ MATÉ

(INCI: Water, Glycerin, Ilex Paraguariensis Leaf Extract)

Inspired by the traditional kefir beverage, the patented fermentation process of

BiotyFerment™ MATÉ uses unique kefir grains made of symbiotic microorganisms.

Due to this specific composition of kefir grains, yerba mate bioactive molecules are transformed, giving an increased capacity to protect hair from oxidative stress and maintain healthy hair.

Organically sourced yerba mate leaves are fermented with a patented process and it is this process that boosts Yerba mate's stimulating properties to help maintain healthy hair roots for optimal growth and enhance hair glossiness!

Recommended usage level: 0.5 - 2%

## Body<sup>3</sup> Complex™

(INCI: Bentonite (and) Butyrospermum Parkii (Shea) Butter Extract (and) Persea Gratissima (Avocado) Fruit Extract)

Body<sup>3</sup> Complex™ differentiates itself from other slimming agents by its unique ability to stimulate lipolysis by acting on the ZAG pathway.

Body<sup>3</sup> Complex™ is a unique cosmetic active complex, which provides a triple-action benefit due to the synergistic combination of: Unroasted Shea Butter extract for its slimming active properties; Avocado Seed extract to activate connective tissue metabolism; and Bentonite to entrap and progressively release the Avocado Seed and Unroasted Shea Butter extracts.

Body<sup>3</sup> Complex™ reduces the appearance of cellulite and the orange-peel look, improves firmness and reduces the look of stretch marks.

Recommended usage level: Preventive care: 0.1-0.5% Treatment care: 0.5-1%

## Blueberry Butter®

(INCI: Octyl dodecanol, Beeswax, Vaccinium Myrtillus (Blueberry) Seed Oil)

Blueberry Butter® is a Natural Moisturising Complex™ derived from coconut oil, beeswax and upcycled blueberry seed essential oil. This yields a natural moisturiser with superb barrier properties and blue light defence for skin and hair. It provides a soft and silky spread with good play time.

Blueberry Butter® brings all the beneficial properties of the upcycled blueberry seed essential oil such as, Omega-3, antioxidants, anthocyanins, phytosterol, squalene and carotenoids to the surface of the skin, without the typical greasiness found in conventional butters, and thus allowing for higher loads in formulations. Blueberry 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.

## BOREALINE® AURORA

(INCI: Maltodextrin (and) Pinus Strobus Bark Extract)

Borēaline® Aurora is a sustainable active ingredient obtained from upcycling bark from white pine. Known as the "King of the Forest" and the "Tree of Peace," white pine is a mystical tree that appears in numerous legends.

Borēaline® Aurora is inspired by the white pine's search for light and the aurora borealis that illuminate the boreal sky with breath-taking colours and shapes.

Borēaline® Aurora protects and acts on three different parameters of skin complexion to give you clear, even skin for an optimal luminous look.

Borēaline® Aurora illuminates and evens out skin tone in just 14 days, improves skin translucency and clarity, reduces the appearance of age spots and reduces the appearance of skin redness and yellowness.

Recommended usage level: Complexion improvement: 0-5-1%; Anti-dark spot action: 1-2%

## Borealine<sup>®</sup> Expert

(INCI: Glycerin, Acer Rubrum Extract)

Borealine<sup>®</sup> Expert is the unique active extract of red maple bark developed by Bio ForeXtra that allows for the first time the transfer of Northern forest natural properties to skin care.

Borealine<sup>®</sup> Expert is the first fully sustainable cosmetic ingredient obtained from recycled red maple tree bark that has been clinically tested to reduce the appearance of wrinkles whilst increasing skin firmness and elasticity to reduce the signs of ageing.

Recommended usage level: 0.1 - 0.25%

## Buriti oil

(INCI: Mauritia flexuosa fruit oil)

Due to high  $\beta$ -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 fiber in chemically dyed hair.

Recommended usage level: 0.5 - 5%

## Borealine<sup>®</sup> Protect

(INCI: Glycerin, Water, Picea Mariana Bark Extract)

Borealine<sup>®</sup> Protect is black spruce bark extract is considered to be an extreme Nordic survivor as it is the only species able to survive in the Tundra due to its resistance to very cold temperatures. Obtained via a circular economy process this sustainable black spruce bark extract is rich in resveratrol to protect the skin barrier function and sooth the skin from external aggressions such as, pollution, UV and dehydration from the cold or wind.

In hair care, Borealine<sup>®</sup> Protect protects hair colour from environmental aggressions, UV induced discolouration, repeat washes and damage caused by oxidation.

Recommended usage level: 0.1 - 0.5%

## ButterPlus<sup>™</sup> 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<sup>™</sup> E is a new Natural Structured Butter Complex<sup>™</sup>, 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<sup>™</sup> 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%

## 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%

## 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%

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

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

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

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

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

Recommended usage level: 1 - 3%

## Chestnut Dye Extract - Hair

(INCI: Castanea sativa extract, Maltodextrin)

Beige/ Brown soluble dye plant extract recommended for hair care applications.

Recommended usage level: 1 - 5%

## Citro Ucuuba

(INCI: Virola Sebifera Nut Oil)

Its sap is used as exfoliating, healing and renewing of epidermal tissues in addition to presenting antiseptic and anti-inflammatory properties. It is used in ointments, bar soaps and after shave creams and post depilation.

Recommended usage level: 1 - 5% hair products and conditioner; 3 - 5% shaving products; 5 - 50% bar soaps: 5 to 50%

## CitroPet-CARE

(INCI: Orbignya Oleifera Seed Oil, Virola Sebifera Nut Oil, Carapa Guaianensis Seed Oil, Pentaclethra Macroloba Seed Oil)

C-Care is an exclusive active for intense care with the delicate skin of animals. Full of natural components, it offers affection from the soft and velvety touch to the effects, protective and regenerating. C-Care is vegan and 100% pure and poses no risk to the animal or the handler. It treats from the paws to injuries that need more attention, such as irritations and burns.

Composed of biotives compatible with the coat and skin of the animals, C-Care brings delicacy with deep treatment. This asset is biodegradable and has an anti-inflammatory and regenerative function. The limoids present in C-Care can offer wound care and healing. In addition, it is a 100% natural product and has active ingredients in its composition for faster action. The active gently regenerates damaged areas, without harming the animals sensitive skin.

Recommended usage level: Balm and Stick for paws and snout: 1 to 5%

## CitroPet-BALANCE

(INCI: Orbignya Oleifera Seed Oil, Pentaclethra Macroloba Seed Oil, Bisabolol, Melaleuca Alternifolia Leaf Oil)

The CitroPet line is specially designed for the skin and hair of Pets. C-Balance is a natural and vegan compliant active developed for animals with skin problems or sensitivity. It controls the attack of germs and bacteria, regulating the microbiome of the animal's skin. The fatty acids form a protective and moisturising film on Pets skin and fur. C-Balance offers anti-inflammatory action integrated with its healing, regenerating and antimicrobial power.

This active provides a complete treatment with strong calming properties. Its biomolecules offer the balance of natural flora, being efficient in controlling fungi and pathogenic bacteria. This synergy of effects of C-Balance also helps to control odours.

Recommended usage level: Ointment: 0.75 to 2%; Toothpaste: 0.1 to 0.25%; Neutral shampoo: 0.2 to 0.7%

## CitroPet-PROTECT

(INCI: Orbignya Oleifera Seed Oil, Carapa Guaianensis Seed Oil, Cymbopogon Nardus Oil, Copaifera Species Resin Oils)

C-Protect is an active with intelligent action, to ensure animals are free from the discomfort brought by microorganisms, as well as protection against insects, such as mosquitoes. This natural source of antimicrobial molecules forms a protective layer against external attacks on the animal. This intensifies the defence mechanisms of Pets skin, increasing their resistance to more moments of recreation outdoors and living in groups. The omega-9 present in its composition carries these bioactive substances and stimulates the hydration barrier and protection against water loss. In addition, C-Protect concentrates several compounds with proven action in insect repellency, which in addition to providing relief to the animal, keeps them free from disease vectors. And for complete treatment, C-Protect is also anti-inflammatory and delivers therapeutic, stimulating and relaxing effects. It is a pure and biodegradable active.

Recommended usage level: Dermo-protective oil: 0.5 to 1.5%; Neutral shampoo: 0.2 to 0.5%; Dry Bath: 0.2 to 0.5%

## CitroPet-SHINE

(INCI: Orbignya Oleifera Seed Oil, Theobroma Grandiflorum Seed Butter, Astrocaryum Murumuru Seed Butter, Mauritia Flexuosa Fruit Oil)

Shiny fur, soft and hydrated skin. All with a unique and exclusive product, the C-Shine. Its composition specially developed to bring the softness that your Pet needs, with all the efficiency that it deserves. C-Shine is a botanical ingredient, 100% natural and vegan.

The animal's fur gains shine and is especially strengthened, facilitating the hairstyle and finishing. The active ingredient has provitamin A components, that help to keep the pet's delicate skin nourished and radiant. The use of C-Shine ensures deep hydration, as it is rich in omega-9 and lauric acid, which coat the skin and protect against moisture loss. Its gentle action brings lightness, enhancing, reconstructing and strengthening the coat. The C-Shine promotes a unique shine, enhances the coat and provides increased softness of the hair. In addition, it is a biodegradable and easily manipulated asset.

Recommended usage level: Shampoo: 0.2 to 0.5%; Conditioner and hydration mask 0.5 to 1.5%; Cream for combing Pet hair: 0.5 to 0.75%

## CO2LLAGENEER®

(INCI: Helianthus Annuus (Sunflower) Seed Oil and Lupinus Albus Seed Extract)

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 and helps stimulate the economy of South West France, where lupin is grown according to sustainable agriculture principles.

Lupeol, the active molecule in CO2llageneer® is extracted from the hulls of lupin seeds using an original patented and 100% green extraction process.

CO2llageneer® stimulates the generation of high-quality Collagen I, whilst providing elasticity and firmness to the dermis; and remodelling sagging skin areas.

Recommended usage level: 0.5 – 2%

## Citrue Bisabolol

(INCI: Bisabolol)

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

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

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

Recommended usage level: 0.07 - 1.0%

## CollagScalp Andiroba

(INCI: Carapa guaianensis seed oil)

With direct action on hair follicle stem cells, CollagScalp Andiroba is a natural anti-ageing active ingredient for hair, preventing the miniaturisation of the hair follicle and the consequent thinning and hair loss.

CollagScalp Andiroba is obtained from the powerful seeds of the andiroba tree and has no restrictions on use. The bioactive also induces synthesis and guarantees protection against proteolysis of collagen 17A1 under the effect of UV radiation, an important influencer of cellular ageing.

Recommended usage level: 1-5%

## Coreopsis Dye Extract

(INCI: Coreopsis tinctoria flower/leaf/stem extract, Maltodextrin)

Yellow soluble dye plant extract recommended for skin care and Personal Care applications.

Recommended usage level: Aqueous and transparent formulations: 0.1 - 0.5%; Emulsions: 1 - 3%

## Cupuaçu butter

(INCI: Theobroma grandiflorum Seed Butter)

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

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

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

## Coreopsis Dye Extract - Hair

(INCI: Coreopsis tinctoria flower/leaf/stem extract, Maltodextrin)

Golden Yellow soluble dye plant extract recommended for hair care applications.

Recommended usage level: 1 - 5%

## 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%



## Cutch Dye Extract - Hair

(INCI: Acacia catechu wood extract, Maltodextrin)

Beige/ Brown soluble dye plant extract recommended for hair care applications.

Recommended usage level: 1 - 5%

## Defenscalp™ PF

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

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

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

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

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

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

## 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 Harvest™ AF

(INCI: Glycerin, Aqua, Santalum Acuminatum Fruit Extract, Citrus Glauca Fruit Extract, Acacia Victoriae Fruit Extract)

For thousands of years, the Aborigines consumed desert fruits. These plants have developed unique protective mechanisms to withstand the harsh dry climate and extreme temperatures of the Australian desert.

This unique combination of Desert fruits rich in antioxidants, fruit acids and essential minerals will nourish the skin, protect against the harmful effects of UV and pollution, to provide younger looking skin.

Recommended usage level: 1 - 5%

## Dyer's Sorghum Dye Extract

(INCI: Sorghum bicolour leaf/stem extract, Maltodextrin)

Pink/ Red soluble dye plant extract recommended for skin care and Personal Care applications.

Recommended usage level: Aqueous and transparent formulations: 0.1 - 0.5%; Emulsions: 1 - 3%

## Dyer's Sorghum Dye Extract - Hair

(INCI: Sorghum bicolour leaf/stem extract, Maltodextrin)

Brown soluble dye plant extract recommended for hair care applications.

Recommended usage level: 1 - 5%

## Ecogel™

(INCI: Lysolecithin (and) Sclerotium Gum (and) Xanthan Gum (and) Pullulan (and) Silica)

Ecogel™ is a patented optimised combination of natural origin ingredients derived from a green process: Lysophospholipids, Xanthan gum, Sclerotium gum and Pullulan. Its performances make it the first natural Phospholipid based gelling-emulsifying agent on the market. It allows the creation of natural gel-creams with an ultra-soft and light skin feel.

Ecogel™ offers an excellent silicone-like slip, ideal for skin, hair and lubricants. Electrolyte tolerant.

Recommended usage level: 0.3 - 2%

## Ecoslim™

(INCI: Caffeine (and) Coffea Arabica (Coffee) Seed Extract (and) Lecithin)

Ecoslim™ is the ideal solution to give a radiant look back. Stress, lack of sleep, alcohol and cigarette smoke are some of the most common factors responsible for tired-looking eyes. Dark circles, bags under the eyes, fine lines and dehydration of the eye contour are the visible signs.

Ecoslim™ contains Caffeine to constrict blood vessels, improve drainage and reduce fat excess to fight dark circles and puffiness; Coffee extract, an antioxidant to counteract free radicals responsible for puffiness, inflammation and ageing and Lecithin for its hydrating and film-forming properties to reinforce the cutaneous barrier of the fragile eye contour.

Recommended usage level: 0.50 - 5%

## Effipulp®

(INCI: Persea Gratissima (Avocado) Fruit Extract, Maltodextrin)

Avocado research has been one of Expanscience's areas of excellence for the past 40 years, especially in Peru where Expanscience owns a plant to transform them through a patented process. This expertise is now illustrated by a number of patents.

Effipulp® is a concentrate of peptides resulting from an enzymatic hydrolysis of delipidated avocado pulp, obtained through a green process that respects the fruit's naturalness. This avocado pulp is exclusively developed by experts at the Laboratoires Expanscience to stimulate the endogenic synthesis of Hyaluronic Acid and increase the volume of the epidermis.

Thanks to its detoxifying effect, Effipulp® restores cellular function.

Recommended usage level: 0.1 – 0.6%

## Emulmetik™ 100 J

(INCI: Lecithin)

Emulmetik™ 100 J is a natural liquid soybean lecithin that is can be used as a co-emulsifier, moisturiser and wetting agent to improve all types of formulation with a unique sensorial and natural approach.

Recommended usage level: 0.25-15%

## Elix-IR™

(INCI: Water (and) Glycerin (and) Polygonum Aviculare Extract)

Extracted from Knotgrass, Elix-IR™ is the first botanical active ingredient designed to specifically target Infra'Ageing™ (infrared-induced skin ageing) and to protect the elastic fibres of papillary and reticular Dermis from sun damage, in order to prevent premature ageing appearing after repeated sun exposure.

Recommended usage level: Preventive anti-aging care: 0.5 - 1% Intensive treatment & protective sun care: 2%

## Emulmetik™ 320 IP

(INCI: Hydrogenated Lecithin)

Emulmetik™ 320 IP offers fragrance encapsulation. Protected by Phospholipids and Polyglyceryl-10 Laurate, the fragrance is released and intensified when the capsule breaks either by rubbing the skin, hair motion or with the natural reaction from skin contact. Ideal for salon professional ranges.

Recommended usage level: 0.2-2%

## Epionine® Bio

(INCI: Camellia oleifera seed extract)

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

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

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

Recommended usage level: 0.1 - 1%

## ESSACHEM® BW

(INCI: Behenyl Olivat)

A natural based ester complex designed to offer thickening properties without compromising the spread of the formulation on the skin and hair. ESSACHEM® BW will thicken the oil phase of emulsions, lip applications and oil enriched cleansers to aid stabilisation whilst delivering an exceptional skin feel.

This natural complex will enhance the moisturisation properties and post rinse after feel from oil enriched body wash formulations without impacting the cleansing and foaming properties.

Recommended usage level: 2 - 8%

## ESSACHEM® AR-5

(INCI: Octyldodecyl Oleate, Argania Spinosa Kernel Oil)

Offers exceptional sensory properties to the skin and hair. This unique complex is an idea compliment or substitute to traditional Argan Oil for formulations that require fast absorption and lighter spreading properties without a greasy after feel.

Offers excellent dispersing properties to oil soluble actives and solid particulate actives without compromising the sensory profile of the formulation.

Recommended usage level: 1 - 8%

## ESSACHEM® EH

(INCI: Octyldodecyl Olivat, 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® 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® SOW

(INCI: Stearyl Olivat)

ESSACHEM® SOW is a natural based ester complex designed to offer exceptional sensory properties for skin and hair. The ESSACHEM® SOW will liquefy on contact with the skin delivering a soft, natural transition of spread.

This natural complex will enhance the moisturising properties while delivering a longlasting, non-tacky after feel that will provide protection to the skin. Used in emulsion systems, lip care and body wash formulations.

ESSACHEM® SOW is your ideal, natural sensory and structuring additive for lip and body applications.

Recommended usage level: 3 - 8%

## 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%

## Evicare® aquatex 14

(INCI: Xanthan Gum )

Evicare® aquatex 14 is a Cosmos certified, non-GMO, transparent and vegan gelling agent. Electrolyte tolerant it is compatible with up to 40% alcohol.

Incredibly fast solubility and excellent transparency due to its granulated form.

Evicare® aquatex 14 offers a higher viscosity yield compared to Evicare® aquatex 80.

Recommended usage level: 0.1 – 1.0 %

## Evicare® aquatex 80

(INCI: Xanthan Gum )

Evicare® aquatex 80 is a Cosmos certified, non-GMO, transparent and vegan gelling agent. Electrolyte tolerant it is compatible with up to 40% alcohol.

Fast solubility and excellent transparency. Highly compatible with surfactants and significantly reduced stringiness. Evicare® aquatex 14 offers a higher viscosity yield compared to Evicare® aquatex 80.

Recommended usage level: 0.1 – 1.0%

## Evicare® complex 12

(INCI: Sodium Phytate)

Evicare® complex 12 is a natural substitute for EDTA. With a strong complexing function this readily biodegradable raw material traps undesired metal ions that accelerate oxidation and helps to protect sensitive materials in cosmetic products. By removing Magnesium and Calcium it makes water softer and helps to boost foam in shampoos and cleansing products. The pre-neutralized Evicare® complex 12 is the purest form of this natural chelator. Readily water soluble it can simply be added to the water phase. In emulsions it supports antioxidants by removing metal ions that catalyse oxidation processes. In surfactant-based products it helps to increase foam volume.

Recommended usage level: 0.1 - 0.3%

## Evicare® complex 1

(INCI: Phytic Acid, Aqua)

Evicare® complex 1 is a natural substitute for EDTA. With a strong complexing function this readily biodegradable raw material traps undesired metal ions that accelerate oxidation and helps to protect sensitive materials in cosmetic products. By removing Magnesium and Calcium it makes water softer and helps to boost foam in shampoos and cleansing products.

Evicare® complex 1 is water soluble and can simply be added to the water phase. In emulsions it supports antioxidants by removing metal ions that catalyse oxidation processes. In surfactant-based products it helps to increase foam volume.

Recommended usage level: 0.1 - 0.3%

## Evicare® complex 3

(INCI: Sodium Phytate, Aqua, Alcohol)

Evicare® complex 3 is a natural substitute for EDTA. With a strong complexing function this readily biodegradable raw material traps undesired metal ions that accelerate oxidation and helps to protect sensitive materials in cosmetic products. By removing Magnesium and Calcium it makes water softer and helps to boost foam in shampoos and cleansing products. The pre-neutralized Evicare® complex 3 is very colour-stable, easy to use and can be added to the water-phase. In emulsions it supports antioxidants by removing metal ions that catalyse oxidation processes. In surfactant-based products it helps to increase foam volume.

Recommended usage level: 0.1 - 0.3%



## Evicare® cool

(INCI: Menthyl Lactate)

Evicare® cool acts as an active ingredients and can be used in cooling gels, sport creams, after sun care, shaving products and many more.

Due to its mint-like odour it is also used in flavour (oral care) and fragrance applications.

Evicare® cool is an ester of Menthol and Lactic Acid sourced from natural origin

Recommended usage level: 0.1-2%

## 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® deo

(INCI: Polyglyceryl-2 Caprate )

The natural based Evicare® deo acts as a skin-friendly refatting agent and due to its polarity, it helps to moisturise the skin and hair. Evicare® deo has a specific antimicrobial activity against Corynebacteria and, therefore, exhibits a distinctive deodorising effect and helps to promote the efficacy of deodorants. Evicare® deo can be used as a natural antibacterial deo active in roll-on and other deodorant formulations, as well as a texture modifier and 'Soft-Factor' where it converts emulsions into more aesthetically soft-creams whilst improving spreadability on the skin.

Recommended usage level: 0.5 - 2.0%

## Evicare® emulgiza light

(INCI: Glyceryl Stearate Citrate, Cetearyl Alcohol, Glyceryl Laurate)

Evicare® emulgiza light is a versatile O/W emulsifier blend that has the ability to create a variety of textures.

It is 100% natural, COSMOS/ECOCERT and NaTrue approved.

Supplied in pellets for ease of handling this fast-emulsifying emulsifier also offers a preservative boosting effect.

Recommended usage level: 3.5 - 5.0%

## Evicare® GB

(INCI: Glyceryl Behenate)

Evicare® GB is a 100% natural O/W co-emulsifier and thickener. It imparts body and texture to emulsions by its crystallization in the emulsion and by forming a network between the oil droplets. It also lowers the surface tension between water and oil and therefore helps in the emulsification process like other long chain glyceryl monoesters. Due to its very long (C-22) carbon chain it is more effective and creates a different character in the cream. Evicare® GB can be added to the hot water phase as it requires melting to be activated. Mix it well prior to addition of the oil phase and homogenization.

Recommended usage level: 1 - 3%

## Evicare® GSC pof

(INCI: Glyceryl Stearate Citrate)

Evicare® GSC palm free is a true evergreen in O/W-technology. This powerful, robust and 100% natural emulsifier gives reliable and stable emulsions under many conditions. It works with all kinds of emollients and other ingredients and even with surfactants. For people concerned about the sustainability of palm products we have this important emulsifier in a palm free version, too. Evicare® GSC pof is used in natural and conventional skin care products. Skin care, face care, baby care or sun care – there are virtually no limits for this easy to use O/W-emulsifier. It can be used on its own or combined with co-emulsifiers or texturizers.

Recommended usage level: 2.0 - 3.0%

## Evicare® GSC

(INCI: Glyceryl Stearate Citrate)

Evicare® GSC is a true evergreen in O/W-technology. This powerful, robust and 100% natural emulsifier gives reliable and stable emulsions under many conditions. It works with all kinds of emollients and other ingredients and even with surfactants. It is food grade and like all other palm-based products of our range RSPO MB. Used in natural and conventional skin care products such as, face care, baby care and sun care – there are virtually no limits for this easy to use O/W-emulsifier. It can be used on its own or combined with co-emulsifiers or texturizers.

Recommended usage level: 2.0 - 3.0%

## Evicare® heat eco

(INCI: Vanillyl Butyl Ether)

Evicare® heat eco is able to interact with the TRPV1 receptors on human skin to induce a gentle but long-lasting warming sensation. The onset is typically within 5-10 minutes, while the warming effect can last for several hours.

It is often used in warming O/W creams designed for treatment of the back or the feet as well as gels and creams to warm muscles before or after sports. However, other areas of application have been explored as well, such as lip products with plumping effect, personal lubricants, scalp treatments and pain relief products such as patches.

In all cases the mode of action is based on the increase of microcirculation, meaning that blood flow is increased in the treated area.

Recommended usage level: 0.1-0.5%

## Evicare® lipoguard C

(INCI: Ascorbyl Palmitate)

Evicare® lipoguard C is a 100% natural and GMO-free oil soluble form of Vitamin C. It regenerates oxidised Tocopherol to not only protect sensitive oils within your formulation but also aid product stability and extend shelf-life.

Recommended usage level: 0.1 – 0.5%

## Evicare® magnolia

(INCI: Magnolia Officinalis Bark Extract)

Evicare® magnolia displays a high antimicrobial activity at low concentrations against a number of different micro-organisms, be it gram-positive or gram-negative bacteria, yeasts or moulds. Thus, the material can be used as a general antimicrobial booster in your formulation at low concentration.

This oil soluble and pH independent active can not only be used as an effective ingredient against skin pathogens such as, the organisms responsible for acne, athlete's foot, dermatosis, oral bacterial etc., it can also be used as an antimicrobial in anhydrous systems such as, lipsticks, lip balms, bath oils etc. Due to the faint and pleasant herbal odour, mild taste and light colour, no unwanted olfactory characteristics will be imparted on the formulation.

In addition to these antimicrobial benefits, Evicare® magnolia also possesses an antioxidative property due to the phenolic structure of the two actives magnolol and honokiol.

Recommended usage level: 0.05% as an active in anti-acne or oral application; 0.2% - 0.3% as an anti-microbial booster

## Evicare® lipotex

(INCI: Hydrogenated Vegetable Oil)

Evicare® lipotex is a 100% natural and non-palm derived oil thickener.

It can increase the viscosity of liquid oils and convert them in soft fluid paste or even totally solid textures. It works with most vegetable or ester oils and makes application of oil phases such as massage oils neat and clean. Solid butters easily produced with Evicare® lipotex softly melt on the skin with our body temperature.

It is palm oil free and derived from rapeseed.

Evicare® lipotex melts in oils at a temperature of approximately 60-70°C. Mix it thoroughly for a homogeneous distribution and let it cool down to yield a pasty to solid oil phase. The viscosity achieved depends on the concentration.

Recommended usage level: 5 - 15%

## 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%

## Evicare® PGS

(INCI: Polyglyceryl-3 Stearate)

A highly efficient emulsifier for oil-in-water (O/W) systems. It can be applied in any emulsion type, from soft to rich and with varying viscosities including sprays.

The product is composed of Polyglyceryl-3 Stearate, which has been used in cosmetics and food for many years. It is non-toxic and compatible with ingredients of any type or structure. The product is completely natural, manufactured from glycerin and stearic acid by esterification.

Evicare® PGS is COSMOS certified and conforms with other natural cosmetics certification labels.

Recommended usage level: 1 – 4 % depending on oil phase and presence of co-emulsifiers.

## Evicare® polysolve 10L 100

(INCI: Polyglyceryl-10 Laurate, Aqua, Citric Acid )

Evicare® polysolve 10L 100 is a natural PEG-free solubiliser, co-emulsifier and co-surfactant based on vegetable glycerin. It can be used in Body Washes, Shampoos, Micellar Waters, Tonics and Lotions. The active ingredient is Polyglyceryl-10 Laurate, which is a non-ionic monoester of 10 glycerin units and lauric acid.

Recommended usage level: Co-Emulsifier: 1.5 – 3%; Co-Surfactant: 1 – 30% depending on formulation type

## Evicare® polysolve 10L

(INCI: Polyglyceryl-10 Laurate, Aqua, Citric Acid )

Evicare® polysolve 10L is a natural PEG-free solubiliser, co-emulsifier and co-surfactant. It can be used in Body Washes, Shampoos, Micellar Waters, Tonics and Lotions. The active ingredient is Polyglyceryl-10 Laurate, which is a non-ionic monoester of 10 glycerin units and lauric acid.

Recommended usage level: Co-Emulsifier: 1.5 – 3%; Co-Surfactant: 1 – 30% depending on formulation type

## Evicare® polysolve 4C

(INCI: Polyglyceryl-4 Caprate )

Evicare® polysolve 4C can be used as a natural solubiliser and will create a milky to translucent solution. Especially suitable for very polar emollients. Due to its non-irritant properties it can also be used as a co-surfactant for mild rinse-off formulations, such as micellar waters, liquid soaps as well as face and body washes.

It can also be used as a co-emulsifier as it has some self-emulsifying properties, making it ideal for self-emulsifying bath oils or cleansing oils. With its refatting characteristics Evicare® polysolve 4C will improve the sensory quality of every formulation and will leave the skin nourished without leaving a sticky skin feel.

Recommended usage level: 1-20%

## Evicare<sup>®</sup> polysolve 4C 90

(INCI: Polyglyceryl-4 Caprate, Aqua)

Evicare<sup>®</sup> polysolve 4C 90 can be used as a natural solubiliser and will create a milky to translucent solution. Especially suitable for very polar emollients.

Due to its non-irritant properties it can also be used as a co-surfactant for mild rinse-off formulations, such as micellar waters, liquid soaps as well as face and body washes. It can also be used as a co-emulsifier as it has some self-emulsifying properties, making it ideal for self-emulsifying bath oils or cleansing oils.

With its refatting characteristics Evicare<sup>®</sup> polysolve 4C 90 will improve the sensory quality of every formulation and will leave the skin nourished without leaving a sticky skin feel.

Recommended usage level: 1-20%

## Evicare<sup>®</sup> TEC

(INCI: Triethyl Citrate)

Evicare<sup>®</sup> TEC is a natural solvent, water soluble emollient and deodorant active. Evicare<sup>®</sup> TEC does not act as a bactericide reducing bacteria on the skin. Instead it controls enzymatic function in sweat-degrading microbes. With this simple trick, bacteria on our skin cannot degrade components from our metabolism into smelly substances. A smart way to reduce body smell without changing the composition of the microbiome on our skin. Evicare<sup>®</sup> TEC is moderately water soluble and simply added to the water phase. In emulsion-based roll on deodorants it works as well as in any other product type. It is popular as a solvent for many ingredients as well.

Recommended usage level: 1.0 - 5.0%

## Evicare<sup>®</sup> silk

(INCI: PCA Glyceryl Oleate)

Evicare<sup>®</sup> silk is a fully natural hair conditioning agent. Due to its molecular structure it has a natural cationic charge that helps to create a connection to human hair. The natural Oleic Acid in the molecule is identical to the protection provided in the natural state of the hair and therefore restores the protection that is lost by washing the hair and stress caused by UV, Oxygen etc. It is compatible with all common surfactants and can be used in shampoos, hair conditioners and masks. The conditioning effect on the skin can be used in shower gels, skin care and lip stick products too.

Recommended usage level: 0.5 - 2.0%

## Evicare<sup>®</sup> toco canola

(INCI: Tocopherol)

Evicare<sup>®</sup> toco canola is a natural mixed tocopherol. With our single sourcing strategy we can guarantee that it is non-GMO quality only sourced from Rapeseed/Canola (*Brassica napus*) 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<sup>®</sup> toco canola is naturally high in beta- and gamma-tocopherol the strongest of the four isomers for product protection. This ensures that sensitive actives and natural oils are protected against oxidation and rancidity. Suitable for all emulsions and oil-based products.

Recommended usage level: 0.05 - 0.3%

## Evicare<sup>®</sup> toco mix

(INCI: Tocopherol, Helianthus Annuus Seed Oil)

Evicare<sup>®</sup> toco mix is composed of min. 70% mixed tocopherols from non-GMO soy beans standardised with organic sunflower oil. Soy contains mainly the  $\beta$ - and  $\gamma$ -isomers of tocopherols, which are best suited to protect a product against rancidity and to maintain the effect of active ingredients. At the same time soy is a plant that has a very high yield of tocopherols which is important to have a natural, sustainable but also low-cost ingredient. Because there are concerns about GMO sources Evident Ingredients ensure that it is not only tested to be GMO-free, but that absolutely no GMO is used from the crop until production along the whole supply chain. The highest standard of non-GMO (Identity Preserved or IP) is only good enough for us!

Recommended usage level: 0.05 - 0.2%

## Evicare<sup>®</sup> toco soy

(INCI: Tocopherol)

Evicare<sup>®</sup> toco soy is a natural mixed tocopherol. With our single sourcing strategy we can guarantee that it is non-GMO quality sourced from Soy (Glycine max) 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. As some consumers are concerned about GMO we go beyond the non-GMO certification and guarantee IP quality (Identity Preserved, meaning that the product is not simply tested but traceable back to its non-GMO source).

Evicare<sup>®</sup> toco soy is the classic tocopherol and naturally high in beta- and gamma-tocopherol the strongest of the four isomers for product protection. This ensures that sensitive actives and natural oils are protected against oxidation and rancidity. Suitable for all emulsions and oil-based products and the most cost-effective source for natural tocopherol.

Recommended usage level: 0.05 - 0.3%

## Evicare<sup>®</sup> Toco Mix 50

(INCI: Tocopherol, Helianthus Annuus Seed Oil)

Evicare<sup>®</sup> toco mix 50 is composed of min. 50% mixed tocopherols from non-GMO soy beans standardised with organic sunflower oil.

Soy contains mainly the  $\gamma$ - and  $\delta$ -isomers of tocopherols, which are best suited to protect a product against rancidity and to maintain the effect of active ingredients.

At the same time soy is a plant that has a very high yield of tocopherols which is important to have a natural, sustainable but also low-cost ingredient. GMO-free and Identity Preserved (IP).

Recommended usage level: 0.1-0.3%

## Evicare<sup>®</sup> toco sun

(INCI: Tocopherol)

Evicare<sup>®</sup> 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<sup>®</sup> toco sun – in contrast to tocopherols from other sources is high in alpha tocopherol (>90%), which is the isomer with highest biological activity in the skin.

Evicare<sup>®</sup> 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%



## Evicare® wintergreen

(INCI: Salicylic Acid)

Evicare® wintergreen is a natural antimicrobial active and preservative. Salicylic acid is well known in the industry and used as a preservative but even more as an active with specific function as anti-dandruff agent, anti-acne active and for its keratinolytic affect.

Evicare® wintergreen is 100% natural and sourced sustainably from the wintergreen shrub as a by-product from aroma sourcing. It is moderately water soluble and can simply be added to the water phase. It is often used in anti-acne and anti-dandruff products as a main active.

Recommended usage level: 0.5 - 2.5%

## Evicide® anise eco

(INCI: p-Anisic Acid )

Evicide® anise eco is a well-known 100% natural fungicide, especially designed for natural cosmetics. When used in combination with the right anti-bacterial agent such as, Evicide® levulinate it is easily possible to replace existing traditional preservatives. Evicide® anise eco works perfectly and easily as a strong fungicidal component for the full protection of surfactant-based products such as, shampoos and shower gels. In emulsions Evicide® anise eco is used globally as well, in some cases the use of a boosting agent such as, Evicide® G 5 eco or Evicide® GMCY is recommended.

Recommended usage level: 0.1 - 0.3%

## Evicide® anisate eco

(INCI: Sodium Anisate)

The 100% natural Evicide® anisate eco is the sodium salt of p-Anisic Acid and is especially designed for natural cosmetics with reliable performance against yeast and mold. When used in combination with the right anti-bacterial agent such as, Evicide® levulinate it is easily possible to entirely replace the use of traditional preservatives.

Evicide® anisate eco has a very good water-solubility and works perfectly as a strong fungicidal component for the full protection of surfactant-based products such as, shampoos and shower gels. In emulsions the use of a boosting agent is recommended.

Recommended usage level: 0.1 - 0.3%

## Evicide® cassia

(INCI: Benzoic Acid)

The 100% natural Evicide® cassia is a traditional powerful food preservative: Benzoic Acid. Produced by fermentation from natural precursors from the Cassia tree this raw material can be used for natural cosmetics that strive to have 100% natural content. The performance as a preservative is well-known and used everywhere in the world of personal care. Evicide® cassia is water-soluble. It works extremely efficiently as a strong preservative component for the full protection of surfactant-based products such as, shampoos and shower gels. In emulsions Evicide® cassia, in some cases requires the use of a boosting agent.

Recommended usage level: 0.1 - 0.5%

## 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® GML

(INCI: Glyceryl Laurate)

Evicide® GML has a number of exciting functions: It is a skin conditioner, surfactant thickener and also a co-emulsifier used for a quicker emulsifying process and for achieving a highly homogenous droplet dispersion in O/W emulsions. Evicide® GML is mostly known for its antimicrobial effect and preservative boosting capabilities in cosmetic formulations.

The short chain glyceryl monoesters show good efficacy against microorganisms. Within this group, Evicare® GMCY stands out in terms of efficacy but can sometimes compromise the emulsion stability. Evicide® GML is very interesting regarding its promoting effect for emulsion formation while having no issues of lowering viscosity or destabilising emulsions.

Recommended usage level: 0.5 - 2%

## Evicide® GMCY

(INCI: Glyceryl Caprylate)

The 100% natural Evicide® GMCY is an interesting processing aid in emulsification processes. It can accelerate the emulsification process and save time in production. On top of this Evicide® GMCY is the best known and most widely used natural preservation boosting agent that improves the preservative effect of every known system. Evicide® GMCY is the preferred boosting agent in skin care formulations. It is especially powerful in all emulsion types and works at low levels to boost the performance of any preservative system. Perfect for all certified natural products.

Recommended usage level: 0.3 - 0.7%

## Evicide® levanise eco

(INCI: Sodium Levulinate, Sodium Anisate, Glycerin, Aqua)

Highly effective and 100% natural broad spectrum antimicrobial mixture. Evicide® levanise eco is a fully water-soluble mixture of sodium levulinate, sodium anisate and the solubilizer glycerin. By using this convenient mixture, solubility issues with anisic acid are circumvented, making application very straight forward.

Due to the excellent water solubility, Evicide® levanise eco can simply be added to the formulations water phase. Evicide® levanise eco is completely natural and complies with all common natural cosmetics certifications such as, COSMOS and Natrue. The Natural Origin Index (NOI) according to ISO 16128 is calculated to be 1.0. Raw materials are sourced from sugar cane or corn (levulinic acid), star anise (anisic acid) and rape seed (glycerin).

In O/W emulsions a booster is sometimes required. We recommend adding either 1 - 2% Evicide G 5 eco or 0.5 - 0.7% Evicide GML.

Recommended usage level: 2.5 - 5.0% at a pH 4.5 - 5.5

## Evicide® levulinate

(INCI: Levulinic Acid, Glycerin, Sodium Levulinate, Aqua)

Evicide® levulinate is a powerful and 100% natural antibacterial agent. Produced by the conversion of natural precursors from Sugar Cane, this raw material is used in natural cosmetics all over the world. The outstanding performance as an antimicrobial in preservative systems has provided a wide acceptance among formulators. Evicide® levulinate is fully water-soluble and works extremely well as a strong bactericidal component for the full protection of surfactant-based products such as, shampoos and shower gels. In emulsions Evicide® levulinate, in some cases requires the use of a boosting agent.

Recommended usage level: 0.5 - 1.0%

## Evicide® levulinate S

(INCI: Aqua, Sodium Levulinate, Potassium Sorbate)

Evicide® levulinate S is a cost-effective and powerful preservative blend. Using a synergistic mixture of well-proven actives this easy to use liquid effectively protects and preserves everything from baby creams to shower gels. The outstanding performance even allows to preserve wet wipes! Evicide® levulinate S is a fully water-soluble liquid and works extremely well as a full preservative for surfactant-based products like shampoos or shower gels. In emulsions Evicide® levulinate S, in some cases requires the use of a boosting agent.

Recommended usage level: 1.5 - 2.0%

## Evicide® levulinate B

(INCI: Aqua, Sodium Levulinate, Sodium Benzoate)

Evicide® levulinate B is a cost-effective powerful preservative blend. Using a synergistic blend of well-proven actives this easy to use liquid can be used to protect everything from baby creams to shower gels. The outstanding performance even allows it to preserve wet wipes! Evicide® levulinate B is a fully water-soluble liquid that works extremely efficiently as a full preservative for surfactant-based products like shampoos or shower gels. In emulsions Evicide® levulinate B, in some cases requires the use of a boosting agent.

Recommended usage level: 1.5 - 2.5%

## Evicide® rose eco

(INCI: Phenethylalcohol )

The 100% natural Evicide® rose eco is both a fragrance component and antimicrobial. The delicate floral scent of rose can mask undesired odours in the formulation without using fragrance. In addition to this, it has a distinct antimicrobial effect against yeast and mold and can especially help to protect products when fungi are difficult to control. Ideal for modern and mild skin care formulations, also fragrance-free. It is especially powerful against fungi in all emulsion types and works at levels as low as 0.3% to improve the performance of any preservative system. For all certified natural cosmetics.

Recommended usage level: 0.1 - 0.5%

## Exo-H™

(INCI: Butylene Glycol (and) Alteromonas Ferment Filtrate)

Exo-H™ restores Hyaluronic Acid secretion in aged skin cells, stimulates lipid synthesis, supports the DEJ and induces Filaggrin expression in the skin. It's also Cosmos certified!

Exo-H™ helps maintain an optimal skin barrier function and has excellent hydrating properties due to its action on natural moisturising factors and lipid synthesis, making it ideal for dry skin.

When used together, Exo-H™ and Exo-T™ regenerate skin texture and natural hydration for a smooth, radiant and healthy looking skin complexion.

Recommended usage level: 1 - 3%

## Genipa Dye Extract

(INCI: Genipa americana fruit extract, Maltodextrin, Potassium Sorbate)

Blue soluble dye plant extract recommended for skin care and Personal Care applications.

Recommended usage level: Aqueous and transparent formulations: 0.1 - 0.5%; Emulsions: 1 - 3%

## Golden Rod Dye Extract - Hair

(INCI: Solidago virgaurea extract, Maltodextrin)

Yellow soluble dye plant extract recommended for hair care applications.

Recommended usage level: 1 - 5%

## GELLIN-K

(INCI: Glucomannan)

GELLIN-K is a gelling agent obtained by extracting polysaccharides from konjac's root. It provides colourless gels with high viscosity, leaving a protective film and fresh feeling on the skin. It can be used in either hot or cold processes and is the perfect natural alternative to synthetic polymers. Ideal to formulate shower gels, shampoos, slimming gels, gel scrub, freshness gel mask.

Recommended usage level: 0.1-1.5%

## Golden Rod Dye Extract

(INCI: Solidago virgaurea extract, Maltodextrin)

Yellow soluble dye plant extract recommended for skin care and Personal Care applications.

Recommended usage level: Aqueous and transparent formulations: 0.1 - 0.5%; Emulsions: 1 - 3%

## Green CAPB-B

(INCI: Cocamidopropyl betaine)

The Green CAPB-B is obtained by the crude babaçu oil. This oil is rich in lauric, myristic and oleic fatty acids. This allows the actives products presents in the formulation to be better absorbed by the hair, enhancing its effects. In addition, the oil is known for its emollient properties and for its lightness in the hair fiber, being absorbed quickly without affecting its movement or leaving them oily.

The Green CAPB-B has excellent dermal compatibility and associated with anionic surfactants, allow a synergistic reduction of irritability to the eyes and skin, brings a soft and creamy foam, besides that, it is naturally more viscous. Can be used in clear and pearly shampoos formulations, formulations for kids, shower gel, shower foam, liquid soaps.

Recommended usage level: 1 - 5% hair care and 1 - 8% skin care.

## Green Clay

(INCI: Montmorillonite)

Green Clay is a natural silicate, complex of aluminium, iron and magnesium. Green Clay has the strongest adsorptive power compared to other types of clays.

Thanks to its richness in mineral salts and trace elements, it has many properties which makes it a good ingredients for skin and hair care products including, adsorbing and absorbing, detoxifying, remineralising and tonifying, purifying and repairing. It can also be used in toothpastes as a thickener and/ or as mild abrasive. Can also provide natural colour to cosmetic products.

Recommended usage level: 1 - 40%

## Hairvival Murumuru

(INCI: Astrocaryum murumuru seed butter)

Obtained from the almond of a fruit recognised as a symbol of hair treatment, Hairvival Murumuru provides a complete action on hair. Renowned for its recovery action on chemically treated hair, Hairvival Murumuru enhances and revives curls, showing a true renewal in natural treatments. Tests indicate that this natural bioactive reduces the damage caused to straightened ethnic hair by 25%, allowing a new beginning of hair reconstruction. It also works by sealing the hair cuticle leaving it more protected and lubricated. It also reverses the health of frizzy, curly and wavy hair, improving shine, detangling and combability. In addition to providing protection against excessive dryness, Hairvival MuruMuru also controls volume and frizz in straight and wavy hair.

Recommended usage level: 1-30%

## Green Cocoamphoacetate B

(INCI: Sodium Babassuamphoacetate)

Green Cocoamphoacetate B (from Babaçu oil) is a mild amphoteric vegetal surfactant (35 - 40% active) that is Cosmos certified. It is a multi-functional ingredient that can be used in a variety of personal and hair care applications as well as baby/ kids care.

Rich in lauric, myristic and oleic fatty acids, its benefits of application to the skin and hair are superior to the conventional product of the market.

Recommended usage level: 3%

## Heliofeel™ 22 MB

(INCI: Glyceryl Stearate Citrate, Polyglyceryl-3 Stearate, Hydrogenated Lecithin)

Heliofeel™ is a natural emulsifier for the formulation of O/W emulsions. Easy to use, it is compatible with a large variety of oils and forms particularly stable emulsions in presence of electrolytes and other destabilising agents. Ideal for suncare it provides high water resistance to formulations with chemical UV filters as well as boosting the SPF value.

Polyvalent, it allows the formulation of a wide range of textures leaving a soft and velvety touch. Ideal for sprayable to cream emulsions, wipes, suncare and make-up applications.

Recommended usage level: 3 - 6%

## Heliosoft™

(INCI: Behenyl Alcohol, Glyceryl Behenate, Lecithin)

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

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

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

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

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

## Henna Dye Extract - Hair

(INCI: Lawsonia inermis, Maltodextrin, Lysine hydrochloride)

Brown soluble dye plant extract recommended for hair care applications.

Recommended usage level: 1 - 5%



## 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.

## 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%

## HYDROSELLA™

(INCI: Glycerin, Water, Erythritol, Hibiscus Sabdariffa Fruit Extract)

Osmo-hydration to fight against dry skin.

Hydrosella™ is an organic extract of Wild Rosella selected for its high content in Betaine. It stimulates organic osmolytes cellular intake and restores skin barrier function by increasing lipid and tight junction proteins production.

Age dependant osmolyte inactivity is restored allowing aged skin to hydrate quickly and effectively. Provides rapid and continuous improvement of skin hydration and reduces skin water loss up to 72 hours after application.

Recommended usage level: Normal skin: 1%;  
Dry skin: 2%

## IBR-Chill™ all natural

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

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

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

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

Recommended usage level: 0.5 - 1%

## IBR-Hairdorm™ all natural

(INCI: Water and Narcissus Tazetta Bulb Extract)

IBR-Hairdorm™ is natural solution to keep your body hair-free for a longer time by slowing down hair growth. Provides a pain-free complementary solution to your hair removal routine. Helps reduce hair density & delays leg hair regrowth Slows down beard growth.

Recommended usage level: 0.2 - 3%

## IBR-Dormin® all natural

(INCI: Glycerin, Water, Narcissus Tazetta BulbExtract)

IBR-Dormin® is a natural aqueous extract from narcissus bulbs in dormancy that is able to capture and transfer flower bulbs dormancy and rejuvenation to skin by slowing down cell proliferation, expanding time between replications, thus preventing telomeres from getting chopped too fast. That way, the telomeres are preserved without active interference with cellular processes and the cells are kept in a younger, chronological age.

DORMINs are natural cell proliferation inhibitor naturally extracted from plants and plant organs in their dormant stage, which are able to slow down cell proliferation, maintain younger healthier skin and provide the means for better skin protection as well as prevention of hyper proliferative cell disorders.

IBR-Dormin® ability to control and reduce cell proliferation of various types of cells including sebocytes may assist in reducing skin oiliness, shine, pore size and improves overall appearance. IBR-Dormin® is ideal for preserving youth, delaying hair growth (underarms and men's facial hair) and scalp protection. Available in both Cosmos certified and organic (with organically certified glycerin) formats.

Recommended usage level: 0.5 - 2%

## IBR-Snowflake® all natural

(INCI: Glycerin, Water, Leucojum Aestivum Bulb Extract)

IBR-Snowflake® is a natural, aqueous extract from dormant Summer Snowflake bulbs to slowdown skin ageing by reduction of cell proliferation through dormancy and increasing the natural defense against external aggression by enhancing SOD production in the skin cells.

Clinically proven to smooth the skin and reduce wrinkles - affecting muscle cell contraction. Contributing to lightening and whitening of the skin through dormancy of the melanocytes.

Recommended usage level: 0.5 - 2%

## IBR-SolAge™

(INCI: Simmondsia Chinensis (Jojoba) Seed Oil  
(and) Dunaliella Salina Extract)

Scientific research shows that glycation (a chemical reaction caused by the excess sugar we ingest, oxidative stress and UV radiation) is one of the main causes of skin ageing. During glycation sugars are added to key structural proteins of the skin such as, collagen and elastin resulting in irreversible changes to their structure and function, which accelerates the skin ageing in a process (Glyc-Aging™).

Microalga Dunaliella salina is nature's own photoprotective mechanism that withstands harsh solar irradiation. IBR-SolAge™ is a sustainable and circular economy (uses by-products from nearby salt factories) active from purified pink algae extract, uniquely designed to fight Glyc-Aging™. It bio-mimics alga's adaptation to solar stress and is produced using green extraction technology to maximise bioavailability and efficacy.

This colourless carotenoid, standardised in phytoene and phytofluene is a unique oil-soluble multifunctional active that can prevent the formation of AGEs, detoxify existing ones and reduce the AGE-mediated signalling in solar stressed skin at low dosage (1%). It reduces the accumulation of AGEs in the skin, improves skin elasticity, reduces skin roughness and prevents the appearance of wrinkles and UV spots.

Ideal for sun care, after sun, daily defence, anti-redness, make-up and oil-based formulations.

Recommended usage level: 0.5 – 1%

## IBR-TCLC® in Jojoba Oil

(INCI: Simmondsia Chinensis (Jojoba) Seed Oil  
(and) Squalane, Solanum Lycopersicum  
(Tomato) Fruit Extract)

IBR-TCLC® in Jojoba Oil 705 by IBR is an anhydrous active obtained from a waste stream of the supplement industry by valorizing a waste fraction of tomato extraction, to balance cell proliferation and optimise maturation. It acts as an anti-ageing, antioxidant, anti-inflammatory, UV absorbance, skin whitening and anti-dandruff active.

Demonstrates environmental stress reduction action and protection capabilities against free radicals and sun derived damage. Inhibits melanin synthesis and reduces pigmentation. Prevents photo oxidation, sunburn and DNA damage. Protects and enhances other active ingredients and their activity. It contains no preservatives.

IBR-TCLC® in Jojoba Oil is used in anti-ageing skin care, whitening, hair care and sun care products.

Recommended usage level: 0.1 - 2%

## IBR-UrBioTect™ all natural

(INCI: Glycerin, Water, Inula Helenium Extract )

Inula Helenium takes its name from Helen of Troy, the most beautiful woman who ever walked this earth. Legend has it that this plant grew where Helen's tears fell to the ground when she was abducted by Paris. This was the inspiration behind this active that has been found to protect the skin from urban pollution and blue light damage for healthy, radiant, hydrated and smooth skin.

IBR-UrBioTect® is made from by-products of the herbal medicine industry by valorizing the aerial parts of the elecampane plant, which the farmers usually discard, as only the roots are used for herbal tea production. The growers have a new revenue source from what was previously wasted. After aqueous extraction and purification, all waste is recycled as compost.

Recommended usage level:

Preventive action: <0.5 Intensive care: 0.5-1%

## Indigo Micronized Leaves Dye Extract - Hair

(INCI: Indigofera tinctoria leaf powder, Maltodextrin )

Blue/ Black soluble dye plant extract recommended for hair care applications.

Recommended usage level: 1 - 5%

## Immunight™

(INCI: Triheptanoin, Lavandula Hybrid Extract)

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

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

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

## Insapolive

(INCI: Olea Europae (olive) Oil)

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

Recommended usage level: 5-10%

## Inst'Tight™ C

(INCI: Water, Glycerin, Gleditsia Triacanthos Seed Extract )

Eco-Designed Flash Skin Perfector which harnesses the Polysaccharides from Honey Locust seeds. By forming a 3D biopolymeric network at the surface of the skin it is able to immediately mechanically stretch and tighten the skin. Instantly minimises the appearance of wrinkles and fine lines (tested on crow's feet, forehead lines and frown lines).

Visible results only 3 minutes after application and with a longlasting effect throughout the day (up to 8 hours).

Recommended usage level: Moderate action / Filter-like action: 1%; Optimal action / Anti-wrinkle action: 2%

## 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 Pearl™ AF

(INCI: Glycerin, Aqua, Microcitrus Australasica Fruit Extract)

Lime Pearl™ is a new natural source of AHAs extracted from the precious native Australian caviar lime, specially designed to stimulate skin desquamation with an innovative mechanism of action involving the TRPV3 channel. For a smoother, brighter and even skin complexion.

Recommended usage level: 1 - 2%

## Kahai Oil

(INCI: Caryodendron orinocense nut oil )

Kahai Oil is a 100% natural anti-aging oil, extracted by cold pressing the nuts of the Cacay tree. Its high content of natural Vitamin E, F & Retinol nourishes, softens and repairs damaged skin and hair. Kahai Oil revitalises the skin returns radiance, reduces fine lines and wrinkles, and giving it a long lasting hydration.

For haircare, it provides shine and silkiness, and also prevents split ends. 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.

Recommended usage level: Various

## 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%

## Logwood Dye Extract - Hair

(INCI: Haematoxylum campechianum wood extract, Maltodextrin)

Brown/ Purple soluble dye plant extract recommended for hair care applications.

Recommended usage level: 1 - 5%

## Lucerne's Chlorophyll Dye Extract

(INCI: E141(ii) / CI 75810)

Green soluble dye plant extract recommended for skin care and Personal Care applications.

Recommended usage level: Aqueous and transparent formulations: 0.1 - 0.5%; Emulsions: 1 - 3%

## LYSOFIX™ Liquid

(INCI: Glycerin, Glycine Soja (Soybean) Seed Extract)

Natural micellar O/W emulsifier with a silky touch that can be used in cold or hot process. Powerful emulsifier without thickening that aids pigment dispersion with the potential to boost SPF. High compatibility in formula.

Provides hydration to the skin whilst improving the bioavailability of active ingredients. Enhances collagen and elastin production. A proven soothing micellar cleansing action with no irritation.

Recommended usage level: 3 - 5% (O/W emulsifier) 1 - 3% (co-emulsifier)

## Madder Dye Extract

(INCI: Rubia tinctorum root extract, Maltodextrin)

Yellow/ Orange soluble dye plant extract recommended for skin care and Personal Care applications.

Recommended usage level: Aqueous and transparent formulations: 0.1 - 0.5%; Emulsions: 1 - 3%

## Lucerne's Chlorophyll Dye Extract - Hair

(INCI: E141(ii) / CI 75810)

Green soluble dye plant extract recommended for hair care applications.

Recommended usage level: 1 - 5%

## Macaline®

(INCI: Propanediol, Water, Lepidium Meyenii Extract)

Maca is revered for its medicinal properties and grows in fragile soils. This tuber is one of the very rare plants able to survive in the extreme climatic conditions common on the high Andean plateaux. It is commonly called "Peruvian ginseng" for its energising properties.

Macaline® is an extract rich in polyphenols, obtained from Maca, using an extraction process that protects both people (Fair for Life certified by Ecocert) and the environment and patented by Laboratoires Expanscience.

This eco-designed active ingredient is sustainably sourced from Latin America and helps to restore a slender silhouette by boosting fat shredding and promoting drainage by targeting the key markers involved in microcirculation. Macaline® also acts on the synthesis and protection of essential components of the dermal matrix to improve skin firmness.

Recommended usage level: 1 – 3%

## Madder Dye Extract - Hair

(INCI: Rubia tinctorum root extract, Maltodextrin)

Red soluble dye plant extract recommended for hair care applications.

Recommended usage level: 1 - 5%



## Madder Rich Dye Extract

(INCI: Rubia tinctorum root extract, Maltodextrin)

Orange soluble dye plant extract recommended for skin care and Personal Care applications.

Recommended usage level: Aqueous and transparent formulations: 0.1 - 0.5%; Emulsions: 1 - 3%

## Morpholyss™

(INCI: Glycerin (and) Water (and) Nephelium Longana Seed Extract)

Morpholyss™ is the best active for slimming. Extracted from the seeds of Lychees, Morpholyss™ works by inhibiting PAI-1 to regulate Adipose tissue. With age, Adipocytes release more PAI-1 in order to initiate the adipogenesis.

Morpholyss™ regulates Adipose tissue development with a global action helping to prevent weight gain.

Ideal active for preventive and slimming products as well as post-slimming diet treatments.

Recommended usage level: 2 - 4%

## Murumuru butter

(INCI: Astrocaryum murumuru seed butter)

The murumuru butter is used in lotions, creams, soaps, conditioners, shampoo, facial masks, oils and emulsions, products for nourishing and restoring damaged hair, depilatory waxes in addition to moisturisers. Products like combing cream for curly hair, makeup, winter skin care (chapped and dry skin), cracked heel balms and depilatory creams also use the murumuru butter.

Recommended usage level: 0.5 - 8% moisturising lotion/ conditioner; 0.5 - 1% liquid soap/ shampoo; 0.5 - 30% bar soap, lipstick/ balm.

## Melafresh™ T96

(INCI: 4-Terpineol )

Melafresh™ T96 is a pure concentrated form of terpinen-4-ol, the active ingredient naturally present in tea tree (Melaleuca alternifolia) oil.

This multifunctional natural active ingredient offers both antimicrobial anti-inflammatory activity making it ideal for irritated skin, acne-prone skin, dandruff, deodorants and itchy scalps.

It can be used as a preservative booster for cosmetics and personal care products.

Recommended usage level: 0.2 - 1%

## Mountain Harvest™ AF

(INCI: Glycerin, Aqua, Anetholea Anisata Leaf Extract, Tasmannia Lanceolata Leaf Extract, Hibiscus Sabdariffa Flower Extract)

This unique botanical combination will protect against the harmful effects of free radicals, soothe and rejuvenate the skin.

Recommended usage level: 1 - 5%

## Number 6

(INCI: Propanediol, Water, Persea Gratissima (Avocado) Fruit Extract)

Eco-designed active ingredient, sustainably sourced from Latin America (Peru) with zero waste and from an upcycling process.

Number 6 reduces dark circles by acting on microcirculation and pigmentation, as well as depuffing under-eye bags by acting on lipolysis and adipocytes diameter.

Recommended usage level: 1 - 3%

## OiLESS'city™

(INCI: Glycerin, Water, Backhousia Citriodora Leaf Extract)

OiLESS'city™ is a natural Australian active ingredient extracted from the Backhousia citriodora leaf, specially designed to improve control of oily skin caused by the environment. It acts on sebum production and rebalances "Oleostasis" for the Millennials around the world.

Titrated in polyphenols, OiLESS'city™ provides a selfie-confident look by fighting urban life aggressions to rebalance oily skin and reduce shiny appearance.

Recommended usage level: 1 - 2%

## Organic Calendula Hydroglycerin Extract

(INCI: Water, Glycerin, Calendula Officinalis Flower extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Calendula extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## Organic Cucumber Hydroglycerin Extract

(INCI: Water, Glycerin, Cucumis Sativus fruit extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Cucumber extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 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 Cucumber Floral Water

(INCI: Cucumis sativus fruit water, Aloe barbadensis leaf water, Citric acid, Sodium benzoate and Potassium sorbate)

Organic Cucumber Floral Water. Distillation through steam water, without chemical treatment of the water.

Recommended usage level: 1 - 20%

## 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 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 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 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 German Chamomile Hydroglycerin Extract

(INCI: Water, Glycerin, Chamomilla recutita Flower extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic German Chamomile extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## Organic Ginger Hydroglycerin Extract

(INCI: Water, Glycerin, Zingiber officinale root extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Ginger extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## Organic Ginkgo Bilboa Hydroglycerin Extract

(INCI: Water, Glycerin, Ginkgo Biloba leaf extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Ginkgo Bilboa extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## Organic Green Tea Hydroglycerin Extract

(INCI: Water, Glycerin, Camellia sinensis leaf extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Green Tea extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## Organic Hemp Water

(INCI: Cannabis sativa seed water)

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

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

Recommended usage level: 1 - 100%

## Organic Glycerin

(INCI: Glycerin)

Glycerin is a syrupy, odourless and colourless liquid with great moisturising properties. Glycerin can retain several time 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 Guarana Hydroglycerin Extract

(INCI: Water, Glycerin, Paullinia cupana seed extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Guarana extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## Organic Hibiscus Hydroglycerin Extract

(INCI: Water, Glycerin, Hibiscus sabdariffa flower extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Hibiscus extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## Organic Illipe Butter

(INCI: Shorea Stenoptera Seed Butter)

Organic illipe butter is made from the nuts of the Shorea stenoptera tree, which grows in the Borneo rainforest in Indonesia. It is traditionally used by local villagers to moisturise their skin, as well as heal sores and sunburns.

The seeds of the Shorea stenoptera nuts are sun-dried, pressed and filtered. Then, the crude illipe butter is refined, deodourised and decolourised in a certified organic refinery, so it does not impact the colour and smell of cosmetic formulations. Sourced in Indonesia, Organic Illipe Butter helps preserving the Borneo rainforest from deforestation.

When used in cosmetic formulations it moisturises, nourishes and protects the skin thanks to its naturally balanced fatty acid composition. Ideal for solid vegan formulations thanks to its high melting point.

Recommended usage level: 0 – 100%

## Organic Oat Hydroglycerin Extract

(INCI: Water, Glycerin, Avena sativa kernel extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Oat extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## Organic Papaya Hydroglycerin Extract

(INCI: Water, Glycerin, Carica papaya fruit extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Papaya extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## Organic Licorice Hydroglycerin Extract

(INCI: Water, Glycerin, Glycyrrhiza glabra root extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Licorice extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## 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 Pomegranate Hydroglycerin Extract

(INCI: Water, Glycerin, Punica granatum fruit extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Pomegranate extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## 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 Roman Chamomile Hydroglycerin Extract

(INCI: Water, Glycerin, Anthemis nobilis flower extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Roman Chamomile extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## Organic Seaweed Hydroglycerin Extract

(INCI: Water, Glycerin, Fucus vesiculosus extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Seaweed extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## 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 Sage Hydroglycerin Extract

(INCI: Water, Glycerin, Salvia officinalis leaf extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Sage extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## 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 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 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 Stevia Rebaudiana

(INCI: Stevia Rebaudiana Extract)

Traditionally used in Toothpastes and Mouthwashes for its sweetening activity it also limits bacterial growth and improving cicatrization. When used in skin care it is used for moisturising and anti-ageing, as well as oil-based products such as, lipsticks, gloss, lip balms etc., to bring good taste! In hair care it is often used in oily hair shampoos and can also aid anti-hair loss treatments as well as providing hair shine

Recommended usage level: 1 – 5%

## 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 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 Avocado Oil

(INCI: Persea Gratissima (Avocado) Oil)

For more than 30 years, Laboratoires Expanscience have made avocado a product of excellence. Our presence in Peru ensures perfect control over the supply and its traceability.

Organic virgin avocado oil is obtained by cold pressing. 100% of the avocado is valued: the skin, pulp and core are sliced, dehydrated then pressed. The advantage? All the molecular richness and original properties of avocado are preserved in this oil!

Organic Virgin Avocado Oil is soft, nourishing, protective and easy to spread. Thanks to its composition being close to that of sebum it is very well tolerated by skin. Ideal for face/ body moisturising care as well as formulas to add shine to hair.

Recommended usage level: 0 – 100%

## 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 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 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 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 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%

## 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 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 having a softening and protective effect on hair. Ideal for skincare, haircare and massage products.

Recommended usage level: 1-10%

## Organic Willow Hydroglycerin Extract

(INCI: Water, Glycerin, Salix alba bark extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Willow extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## Organic Witch Hazel Hydroglycerin Extract

(INCI: Water, Glycerin, Hamamelis virginiana leaf extract, Citric acid, Sodium benzoate, Potassium sorbate)

Organic Witch Hazel extract obtained by filtration after a long maceration of the plant in a blend of water and vegetable palm-free glycerin.

Recommended usage level: 1 - 5%

## Ormesia®

(INCI: Propanediol, Water, Passiflora Edulis Fruit Extract)

The Maracuja, native to South America, is a climbing plant very well known for the use of its fruits, which have a high antioxidant content, and from which is extracted a refreshing juice.

Ormesia® is an extract rich in polyphenols, obtained from Maracuja using an extraction process that protects both people and the environment, and is patented by Laboratoires Expanscience. This eco-designed active ingredient activates the skin's self-defence mechanisms and stimulates the key markers involved in hormesis and detoxification.

It provides protection from the harmful effects of sun rays as well as the adverse effects of indoor and outdoor pollution. Ormesia® restores and prevents the degradation of essential components of the skin barrier function and extracellular matrix.

Recommended usage level: 1 – 3%

## Peruvian Tara Seed

(INCI: Caesalpinia Spinosa Gum)

Tara Gum is a 100% natural gelling agent obtained by mechanical process from the Tara Tree Seed native to the Peruvian Andes. This bio-nutrient has been used by the Peruvian Incas for the past millennia to treat irritated skin as well as many other diverse uses.

Not only does it help improve skin condition it also provides moisturisation due to it containing various polysaccharide groups. In formulations, Tara gum can be used to form stable gels, as a viscosity controlling agent, to create smooth non-sticky, non-tacky and non-stringy gels as well as providing stability to emulsions. Stable over a wide pH range and 100% natural.

Recommended usage level: 0.5 - 1.0%

## Passioline®

(INCI: Passiflora Edulis Seed Oil)

The Maracuja, native to South America, is a climbing plant well known for the use of its fruits, which have a high antioxidant content, and from which is extracted a refreshing juice.

Passioline® is an unsaponifiables concentrate (notably tocotrienols) produced by a patented molecular distillation process from Maracuja Oil. At the same time the oil is produced, the seeds are doubly valued by the production of an anti-pollution active ingredient, Ormesia®.

This patented and eco-designed active ingredient is obtained by molecular distillation process and is sustainably sourced from Peru. Precious molecules from the concentrate of Virgin Maracuja oil repairs skin tissue at three levels; Stimulating the key markers of cell proliferation, cell migration and the DEJ (Dermis-Epidermis Junction).

Passioline® regenerates, restructures and remodels the skin by stimulating the synthesis of elastin and collagen. Whilst soothing damaged and weakened skin during the healing process.

Recommended usage level: 0.5 – 1%

## Phytenso™

(INCI: Phospholipids (and) Glycine Soja (Soybean) Oil)

Extracted from Soybean, Phytenso™ contains specific Phospholipids, essential Biolipids Biomimetic to the ones composing hair fibre.

Due to its bioaffinity with hair, Phytenso™ adheres to the fibre and surrounds it with a smoothing and sheathing film, which straightens hair through a physical action.

Phytenso™ contributes to the styling of curly/frizzy hair, which is often difficult to manage in conditions of high humidity.

Recommended usage level: Up to 2%

## PhytOlive® Fine

(INCI: Olea Europaea Seed)

PhytOlive® Fine is an olive sourced exfoliant offering a bio-based alternative to plastic beads scrubs. Its uniqueness is due to its sourcing and sensory properties, at the core of SOPHIM's values.

PhytOlive® Fine is made in France (Provence Origin), and is upcycled from olive stones. This smooth exfoliant offers a grain size of 500 microns, fitting various needs and offering multiple opportunities to formulators such as, skin purification and skin cleansing.

Recommended usage level: 5-25%

## Phytowax® POL10L40

(INCI: Hydrogenated olive oil decyl esters)

Phytowax® offers a great alternative to synthetic waxes/paraffins. Thanks to their high skin compatibility, Phytowax® are much less occlusive than synthetic waxes, provide fast penetration and are non-irritating. Thanks to their low molecular weight, they offer a unique feel, are non greasy and easily spreadable. 6 grades are available, among which 2 ORGANIC versions.

Recommended usage level: 3-10%

## Phytowax® POL18L57

(INCI: Hydrogenated olive oil stearyl esters)

Phytowax® offers a great alternative to synthetic waxes/paraffins. Thanks to their high skin compatibility, Phytowax® are much less occlusive than synthetic waxes, providing a fast penetration rate. Thanks to their low molecular weight, they offer a unique, non-greasy feel that is easily spreadable. 6 grades are available, among which 2 ORGANIC versions.

Recommended usage level: 3-10%

## PHYTOSQUALAN

(INCI: Squalane)

PHYTOSQUALAN is a natural vegetable squalane, sourced from olive, 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. Ideal for pigment dispersion, texturising hair care and moisturising face and body care.

Recommended usage level: 3-10%

## Phytowax® POL16L55

(INCI: Hydrogenated olive oil cetyl esters)

Phytowax® offers a great alternative to synthetic waxes/paraffins. Thanks to their high skin compatibility, Phytowax® are much less occlusive than synthetic waxes, provide fast penetration and are non-irritating. Thanks to their low molecular weight, they offer a unique feel, are non greasy and easily spreadable. 6 grades are available, among which 2 ORGANIC versions.

Recommended usage level: 3-10%

## Pink Clay

(INCI: Montmorillonite)

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

Recommended usage level: 1 - 40%

## Pink Clay SP

(INCI: Kaolin)

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

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

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

It provides a pink colour

Recommended usage level: 1 - 40%

## Pracaxi oil

(INCI: Pentaclethra macroloba seed oil)

Popularly used for hair treatment, aiding in hairstyle, increasing brightness and preventing hair loss. Promotes elasticity to the skin and can be used in the treatment of stretch marks. When applied on skin blemishes it can promote whitening. It is also used in makeup because of its humectant property.

Recommended usage level: 1- 5% creams, creamy lotions and gels; 3 - 7% conditioners, hair care and bar soaps; 0.5 - 5% make-up.

## Pixalia®

(INCI: Propanediol, Water, Cleome gynandra Leaf Extract)

Cleome gynandra is a plant known for its high level of polyphenols and particularly flavonoids, which are molecules with significant antioxidant and anti-inflammatory properties.

Pixalia® is an extract rich in polyphenols, obtained exclusively from the dried leaves of Cleome gynandra, using an extraction process that protects both people and the environment, patented by Laboratoires Expanscience.

This eco-designed active ingredient is responsibly sourced from Burkina Faso. Pixalia® rebalances skin microbiota, regulates C.acnes phylotypes, and rebalances sebum balance in quantity and quality by acting on oxidative squalene. It also inhibits key markers involved in inflammatory response to P. acnes to reduce inflammation

Recommended usage level: 1 – 3%

## Pro-Lipo™ Neo

(INCI: Propanediol (and) Lecithin)

Pro-Lipo™ Neo is a unique technology developed to easily create (no specific equipment required) customisable homemade natural Liposomes, allowing complete control over the type and concentration of the ingredients to entrap for an optimal efficacy.

Recommended usage level: 0.1 - 3%

## 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 Clay

(INCI: Montmorillonite)

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

Recommended usage level: 1 - 40%

## Regenight™

(INCI: Triheptanoin, Melaleuca Alternifolia (Tea Tree) Leaf Oil)

Upcycled fraction from Australian Tea Tree oil, standardised in sesquiterpenes. Regenight™ improves total sleep duration and deep sleep length for a better sleep quality whilst increasing the skin barrier function and hydration for an increased protection.

Regenight™ also helps improves skin comfort, regenerates the skin with a melatonin like action, reduces visible signs of fatigue such as wrinkles and dark circles. For younger and healthier-looking skin. Specific clinical data on menopausal skin, shows increased skin barrier function, hydration and antioxidant potential.

Regenight™ was found to also rapidly reduce the appearance of wrinkles, increases firmness and elasticity, reduce the appearance of dark circles and improve the overall appearance of skin fatigue of menopausal skin.

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

## Reseda Dye Extract

(INCI: Reseda Luteola extract, Maltodextrin)

Yellow soluble dye plant extract recommended for skin care and Personal Care applications.

Recommended usage level: Aqueous and transparent formulations: 0.1 - 0.5%; Emulsions: 1 - 3%

## ReviScalp™

(INCI: Glycerin, Water, Anetholea Anisata Leaf Extract)

With the rise of the Skinification trend in hair care, it's now well-recognised that a healthy scalp determines the health and beauty of hair.

ReviScalp™ is a natural and sustainable active ingredient from the endemic Australian Aniseed Myrtle tree.

Standardised in ellagic acid content, a polyphenol known for its anti-inflammatory and anti-oxidative properties, ReviScalp™ has a patent-protected unique action that works on the root cause of an unhealthy scalp by stimulating the newly discovered and highly innovative specialised pro-resolving mediators to help improve scalp health and increase hair brightness.

Recommended usage level: 1 - 2%

## Riboxyl™

(INCI: Ribose)

Riboxyl™ is a fundamental building block of the ATP molecule which is the most important source of cell energy. To function efficiently, the cell must keep its ATP content at a maximum level.

Riboxyl™ is natural D-Ribose, a Pentose that occurs in all living cells. Generating de novo ATP, it energises and oxygenises skin, reduces wrinkles, increases skin elasticity and enhances complexion.

Ideal for detox, relaxation and antiburn-out applications.

Recommended usage level: 0.5 - 1%

## Rice MicroPlant 25

(INCI: Oyza sativiva powder)

Rice MicroPlant 25 is a multifunctional ingredient used as a mattifying agent, texturiser, bulking agent, to provide softness and as an alternative to titanium. Thanks to its starchy composition, Rice MicroPlant 25 brings a texturising effect to the product and extreme softness to the final product.

It improves adhesion to the skin leaving a soft and silky touch. It is useful to formulate cosmetic products solid and powder such as mask, powder or solid cleanser, solid shampoo.

Recommended usage level: 1 - 100%



## Rosality™

(INCI: Pentylene Glycol, Rosa Damascena Flower Water, Rosa Damascena Flower Oil )

Revolutionary cosmetic ingredient, Rosality™ uses the high activity of scented molecules from fresh and sustainable Damask rose petals to protect women's stressed skin exposed to an intense, fast-paced and stressful lifestyle as well as to a fierce environment.

Rosality™ is able to activate a never-described-before skin olfactory receptor (OR2AG2) responsible for the cutaneous anti-stress and anti-fatigue action of the product, whilst also regulating cell metabolism affected by various stressors to resist stress-induced damage.

Rosality™ reduces the appearance of visible signs of stress and fatigue for a more rested, relaxed and refreshed appearance.

Recommended usage level: 0.1 - 0.5%:  
preventive care 0.5% - 1%: intensive care

## Sappanwood Dye Extract - Hair

(INCI: Caesalpinia sappan bark extract, Maltodextrin)

Pink/ Red soluble dye plant extract recommended for hair care applications.

Recommended usage level: 1 - 5%

## Sappanwood Dye Extract

(INCI: Caesalpinia sappan bark extract, Maltodextrin)

Orange/ Red soluble dye plant extract recommended for skin care and Personal Care applications.

Recommended usage level: Aqueous and transparent formulations: 0.1 - 0.5%; Emulsions: 1 - 3%

## SCB Manuka Honey

(INCI: Glycerin, Water, Honey Extract )

SCB Manuka Honey is produced from sustainable plantations without environmental degradation and then extracted using Aqueous process. Derived from the Leptospermum scoparium honey of New Zealand SCB Manuka Honey contains natural active ingredients which will help nourish and regenerate the skin.

Key properties include: antimicrobial, anti-inflammatory effects, may help regenerate the skin perfect for acne scars and prevent premature aging. Helps nourish skin and hair.

Recommended usage level: 0.5 - 20%

## Sculptessence™

(INCI: Water (and) Glycerin (and) Linum Usitatissimum (Linseed) Seed Extract Bio: Betula Alba Juice (and) Glycerin (and) Linum Usitatissimum (Linseed) Seed Extract)

Sculptessence™ is a natural remodeller derived from Linseed, which compensates for ageing disorders in three ways of actions: skin hydration, stimulation of GAG's synthesis and protection of Collagen.

Its unique Polyholosides hydrate skin and reverse sagging disorders to redesign the outline of the face without the need for surgery.

Recommended usage level: 3 - 5%

## SKINECTURA™

(INCI: Glycerin, Water, Anigozanthos flavidus Extract)

SKINectura™ is a certified organic botanical extract of Australian Kangaroo Paw flower rich in Nectar that boosts Tenascin-X synthesis, a new marker in skin architecture, for optimal reduction in appearance of wrinkles and sagging skin... the best secret to age gracefully.

Recommended usage level: 2 - 6%

## Sesaline® Bio

(INCI: Sesamum Indicum (Sesame) Oil Unsaponifiables)

Sesame is used in oil form and has excellent stability properties. It contains two powerful natural antioxidants: sesamin and sesamol, which are unique to sesame oil.

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

Sustainably sourced from Africa this natural antiradical shield protects skin against external aggressions whilst improving skin elasticity.

Recommended usage level: 0.2 – 2%

## Skinhairgium® Bio

(INCI: Lepidium Meyenii Root Extract, Maltodextrin)

Active ingredient from a patented bio-enzymatic process Extract of Maca, a sacred root sustainably sourced from Peru. Maca is revered for its medicinal properties and grows in fragile soils. This tuber is one of the very rare plants able to survive in the extreme climatic conditions common on the high Andean plateaux. It is commonly called "Peruvian ginseng" for its energising properties.

Skinhairgium® Bio is a concentrate of active molecules obtained from an enzyme hydrolysis of Maca powder, a process that protects both people (Fair for Life certified by Ecocert) and the environment, patented by Laboratoires Expanscience. It stimulates cellular renewal, reduces wrinkles and improves luminosity and radiance of skin tone. It also stimulates hair growth and slows down hair loss as well as fortifying and revitalising hair.

Two versions exist: Skinhairgium® Bio (powder) and Skinhairgium® 2 (liquid).

Recommended usage level: 0.01 – 0.5%

## Soline<sup>®</sup> 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<sup>®</sup> 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 PPAR $\alpha$  whilst reducing the quantity of inflammatory mediators. Two versions exist: Soline<sup>®</sup> and Soline<sup>®</sup> Bio.

Recommended usage level: 0.5 – 2%

## Superox-C<sup>™</sup> AF

(INCI: Glycerin, Aqua, Terminalia Ferdinandiana Fruit Extract)

Superox-C<sup>™</sup> is a botanical active ingredient extracted from native Australian Kakadu plum specially designed to provide a topical supply of antioxidants necessary to fight free radical-induced skin damages.

When used in hair care applications this sustainable Australian superfruit naturally protects the hair against UV damage by reducing the hair's permeability. Protects both hair structure and composition.

Recommended usage level: 1 - 2%

## Sunflohair<sup>™</sup>

(INCI: Phospholipids (and) Helianthus Annuus (Sunflower) Seed Oil)

Sunflohair<sup>™</sup> is composed of 100% lipid compounds (Phospholipids and oil) and has a strong affinity with hair. It is able to compensate for the lipid loss by penetrating the hair fibre. It restores the lipid matrix and returns hair to its natural beauty.

Sunflohair<sup>™</sup> can be used with all types of dye (semi-permanent and permanent) to aid pigment fixation and is stable up to pH 12.

Sunflohair<sup>™</sup> protects and repairs hair fibres from the inside whilst improving combability from root to end.

It also acts as a free radical scavenger helping to prolong and increase the colour intensity of dyed hair as well as aiding pigmentation fixation.

Recommended usage level: 0.5 - 2%

## Sweetone<sup>®</sup> Bio

(INCI: Schisandra Sphenanthera Fruit Extract, Maltodextrin)

Schisandra sphenanthera is a creeper whose berries are widely used in traditional Eastern, and particularly Chinese, medicine.

Sweetone<sup>®</sup> Bio is a concentrate of active molecules extracted from Schisandra Sphenanthera berries by a bio-enzymatic process that protects both people and the environment, patented by Laboratoires Expanscience. This active ingredient from biotechnological process is sourced from the central region of China.

Sweetone<sup>®</sup> Bio reduces redness by controlling specific vascular and neurogenic inflammation. Skin tone is unified and the synthesis of melanin is reduced, limiting its spread through the epidermis.

Recommended usage level: 0.1 – 0.5%

## Tamzan Pepper™ C

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

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

Recommended usage level: 1-2%

## Tropical Fruit Harvest™ AF

(INCI: Glycerin, Aqua, Mangifera Indica Fruit Extract, Carica Papaya Fruit Extract, Ananas Sativus Fruit Extract)

This exotic combination of Tropical Fruit Harvest™ AF has been specially selected for its nutritional value. It nourishes, moisturises, strengthens the immune system and rejuvenates the skin.

For thousands of years, tropical fruits have been harvested for their important source of energy as well as their medicinal and cosmetic purposes. Modern research confirms that the fruits are rich in vitamins, minerals, enzymes, fruit acids and sugars.

Recommended usage level: 1-5

## Tazman Pepper™ AF

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

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

Recommended usage level: 1 - 2%

## Vegan DDS Alpha Arbutin

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

Alpha Arbutin is a pure biosynthetic and hydro soluble active that activates skin lightening and unifies all skin types by blocking the synthesis of melanin pigments which inhibit the enzymatic oxidation of tyrosine and the DOPA.

Alpha-Arbutin is encapsulated in INdermal's Deep Delivery System (DDS) ensuring 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.

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 K1 Oxide

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

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

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

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

Recommended usage level: 1 - 10%

## Vegan DDS Pure Retinal

(INCI: Aqua, Phosphatidylcholine, Pentylene Glycol, Mannitol, Glycerin, Polyglyceryl-10 Laurate, Retinal, Cetyl Alcohol. Tocopherol)

Retinal stimulates the production of hyaluronic acid, collagen and elastin, improving skin strength and elasticity. It accelerates the skin cell renewal process, improving the overall appearance and texture of the skin and minimising pores. It also boasts greater antibacterial action than other retinoids which makes it especially effective in the treatment of acne. The encapsulated DDS delivery system protects the Retinal against degradation and colour change of the finished formulation. Maximum delivery of the active ingredient to the deep skin levels is provided gradually for a longer lasting effect.

Recommended usage level: 1-10%

## Vegan DDS Vita C

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

Sodium ascorbyl phosphate is a derivative of vitamin C (ascorbic acid) widely used in cosmetic products due to its greater chemical stability, versatility and wide range of benefits. The skin enzymes break down the sodium ascorbyl phosphate and deliver active Vitamin C.

Vitamin C is not synthesised by the body and should be delivered from the exterior. It has been shown that its topical application has a strong antioxidant effect, capturing and deactivating oxidised substances and free radicals. At the same time, it inhibits the activation of certain pro-inflammatory cytokines which incorporates anti-irritant, anti-redness and anti-inflammatory effects.

When transported in sufficient amount to the deep layers, difficult to achieve by itself due to its water solubility and chemical fragility, it promotes collagenogenesis, increasing skin elasticity as well as degrading melanin and repressing its synthesis, thereby mitigating photo-aging and hyperpigmentation.

The encapsulated delivery system protects the sodium ascorbyl phosphate against degradation, whilst providing maximum delivery of the active ingredient to the deep skin levels.

Recommended usage level: 1 – 10%

## Vegeline

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

Vegeline is highly moisturising by preventing water loss. Vegeline offers a butter like feel, very soft during application.

Vegeline acts as a thickening agent and brings viscosity, and offers film forming properties.

Organic grade available.

Recommended usage level: 1-70%

## Virgin Maracuja Oil

(INCI: Passiflora Edulis Seed Oil)

Passion fruit, also called Maracuja or yellow granadilla, is a South American vine from which a very refreshing juice is produced. In Latin America, the aerial parts of the Maracuja, the passiflore, are used for its relaxing properties.

Virgin Maracuja Oil is obtained from the first cold pressing of Maracuja seeds and is responsibly sourced from Latin America (Peru). This very light oil spreads and penetrates quickly and has a fruity, exotic fragrance that will enliven your formulations.

Thanks to the oils high content of tocotrienols, tocopherols and linoleic acid it helps strengthen the skin's barrier function and protect it from external aggressions.

Recommended usage level: 0 – 100%

## WASTAR™ LAVENDER

(INCI: Glycerin, Water, Lavandula Angustifolia Flower/Leaf/Stem/Extract)

To support circular beauty and promote the use of eco-conscious ingredients, Wastar™ Lavender was designed by valorizing by-products from natural fragrance ingredient manufacturing.

Sourced in Provence, in the South of France, where lavender is organically grown. Once lavender essential oil is extracted from fresh sprigs, by-products are valorized by extracting and concentrating some of the precious active phytochemicals they still contain.

Rich in polyphenols, Wastar™ Lavender protects skin from the damage caused by indoor pollution, whilst reducing the impact of the manufacturing process on the environment.

Recommended usage level: 0.1 - 0.5% preventative; 0.5 - 1% intensive

## Virgin Prunus Oil

(INCI: Prunus Domestica Seed Extract)

The Ente plum is a French-origin product. Originally from the South West of France, it is mainly used to make Agen prunes, which are still referred to as "Aquitaine black gold" in France.

Virgin Prunus Oil is obtained from the first cold pressing of sustainably farmed plum stone kernels. This unique oil is produced exclusively by Laboratoires Expanscience.

The oil imparts a soft and silky feeling to the skin whilst providing a delicate natural almond fragrance to formulations. Virgin Prunus Oil nourishes and protects the skin thanks to its high content of tocopherols and oleic acid.

Recommended usage level: 0 – 100%

## WASTAR™ PINK BERRY

(INCI: Maltodextrin, Schinus Terebinthifolia Seed Extract)

To support circular beauty and promote the use of eco-conscious ingredients, Wastar™ Pink Berry was designed by valorizing by-products from natural fragrance ingredient manufacturing.

Pink berries are cultivated in Madagascar on family-owned plantations, and the For Life certified supply chain guarantees a socio-responsible sourcing. Once fragrance compounds are extracted, the pink berry by-products are valorized by extracting and concentrating some of the precious active phytochemicals they still contain.

Rich in biflavonoids, Wastar™ Pink Berry soothes irritated scalps and promotes scalp health, whilst reducing the impact of the manufacturing process on the environment.

Recommended usage level: 0.1 - 0.5% preventative; 0.5 - 1% intensive



## White Clay

(INCI: Kaolin)

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

Recommended usage level: 1 - 40%

## WildLime Harvest™ AF

(INCI: Glycerin, Aqua, Microcitrus Australis Fruit Extract, Citrus Glauca Fruit Extract, Microcitrus Australasica Fruit Extract)

This unique combination of fruit extracts full of citrus acids has been specially selected to naturally exfoliate the skin

Recommended usage level: 1 - 5%

## 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 (Cetyl 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%

## WildBerry Harvest™ AF

(INCI: Glycerin, Aqua, Syzygium Leuhmanii Fruit Extract, Tasmannia Lanceolata Fruit Extract, Kunzea Pomifera Fruit Extract)

WildBerry Harvest™ AF is composed of 3 'superberries' with high antioxidant properties. It moisturises and nourishes dry skin for young adults with fast-paced lifestyles.

Recommended usage level: 1 - 5%

## WildPlum Harvest™ AF

(INCI: Glycerin, Aqua, Terminalia Ferdinandiana Fruit Extract, Podocarpus Elatus Fruit Extract, Pleiogynium Timorense Fruit Extract)

WildPlum Harvest™ AF is a unique combination of Australian Superfruits, specially selected to hydrate, nourish and rejuvenate mature skin for a radiant and younger looking skin.

Recommended usage level: 1 - 2%

## 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%

## 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® 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® 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® 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%

# Contact Us

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