## **FINITY GREDIENTS**

Inspiring Cosmetics

## Circular Economy & Traceable

## **Circular Economy & Traceable**

We are all acutely aware of the damaging effects we as humans are having on our planet, which has led to a rising demand for upcycling and circular economy materials. For the cosmetic industry, bi-products from the food industry that are considered waste offer an easy route to providing circular economy materials as these are already an established source of natural ingredients. That said, circular economy ingredients are not limited to using food bi-products as materials from other market sectors such as, the forestry industry where upcycled tree bark extracts are readily available.

Lucas Meyer Cosmetics offer a range of active ingredients obtained from a pure circular economy approach using recycled tree bark from the wood industry to develop high quality, natural and sustainable cosmetic active ingredients (Boréaline<sup>®</sup>).

Roelmi HPC on the other hand followed the more traditional route of taking a waste bi-product from the fruit juice industry to produce their range of circular economy waters (Cytofruit® Waters).

Sustainability is another every-increasingly significant driver, with many cosmetic and ingredient companies now pledging to use more plant-based/ natural ingredients in their formulations. We are proud to announce that a large proportion of the suppliers we represent here at Infinity already offer a vast array of full sustainable and traceable materials. Yes, you can literally trace many of our materials to not only the country of origin, but the field and actual tree/ plant that they came from. This is true for all of the Alban Muller, IBR and Southern Cross Botanicals products.

Alban Muller International strongly believe that the preservation of our environment and resources is never negotiable and on this basis they ensure that more than 70% of the plants are cultivated next to their production facility and that more than 90% of waste is recycled.

Roelmi HPC's NIP (No Impact on Progress®) program applies to their entire range of products which confirms their total commitment to sustainability.

IBR (part of Lucas Meyer Cosmetics) IBR source their biomass in close proximity to the production site to reduce their carbon footprint and support local agriculture economy. They use only commercially cultivated crops, and therefore never destabilise the endemic flora or the wider environment by irresponsibly harvesting from the wild. On the contrary, IBR introduce the cultivation of new plants in a stable and sustainable manner. They use natural, green water based extraction methods so that no chemical solvents are used or chemical waste generated. All biomass waste generated in the production process is recycled as compost.

Southern Cross Botanicals (also part of Lucas Meyer Cosmetics) is committed to sustainable and ethical practices, showing the greatest respect for Australia's unique biodiversity and indigenous populations. They proudly offer products that are Cosmos-certified, Organic and preservative free.

Both Southern Cross Botanicals and IBR are members of The Union for Ethical BioTrade (UEBT).

Read on to learn more about the exciting materials we offer to drive change.

## **IN**FINITY GREDIENTS

## **Circular Economy**

#### Alphalmprove 4D Hair

(INCI: Bisabolol, Pentaclethra macroloba seed oil, Orbignya oleifera seed oil)

Unique 100% natural multi-functional active with proven effectiveness in 4 dimensions: deep repair, densification of the hair fiber (inside out), volume reduction/ frizz and thermal protection. Also with proven effectiveness against stretch marks.

Recommended usage level: 1 - 7%

#### 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

#### Blueberry Butter<sup>®</sup>

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

#### Blueberry Butter<sup>®</sup> is a Natural Moisturising

Complex<sup>™</sup> 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<sup>®</sup> 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 convectional butters, and thus allowing for higher loads in formulations. Blueberry Butter<sup>®</sup> 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<sup>®</sup> Expert

(INCI: Glycerin, Acer Rubrum Extract)

Borēaline<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.

Borēaline<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%

## **BOREALINE<sup>®</sup> AURORA**

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

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

Borēaline<sup>®</sup> 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> 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%

#### **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 antiinflammatory 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%

## CYTOFRUIT<sup>®</sup> WATERS Bergamot

(INCI: Citrus Aurantium Bergamia Fruit Extract)

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

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

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

Recommended usage level: 1 - 100%

#### 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; ß-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, antiageing 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

## CYTOFRUIT<sup>®</sup> WATERS Clementine

(INCI: Citrus Clementina Fruit Extract)

CYTOFRUIT<sup>®</sup> WATERS Clementine is a Cosmos certifiable and circular economy fruit water from the production of Clementine juice. The fruits are harvested in Mediterranean and are rich in Potassium, Calcium, beta-Carotene and Vitamin C.

Clementine offers refreshing, purifying and free radical scavenging properties.

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

Recommended usage level: 1 - 100%

## CYTOFRUIT<sup>®</sup> WATERS Grapefruit

(INCI: Citrus Grandis Fruit Extract)

CYTOFRUIT<sup>®</sup> WATERS Grapefruit is a Cosmos certifiable and circular economy fruit water from the production of Grapefruit juice. The fruit is harvested in the Mediterranean and is rich in bioflavanoids.

Grapefruit provides detoxifying and antioxidant properties, whilst improving cell energy levels for anti-ageing benefits. Ideal for skin toning, anti-celluite, detoxifying and oily skin.

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

Recommended usage level: 1 - 100%

## CYTOFRUIT<sup>®</sup> WATERS Kiwi

(INCI: Actinidia Chinensis Fruit Extract)

CYTOFRUIT<sup>®</sup> WATERS Kiwi is a Cosmos certifiable and circular economy fruit water from the production of Kiwi juice.

The fruits are harvested in the Mediterranean and are suitable for all skin types due to Kiwi's versatile protective properties. Suitable for energising skin and stimulating the skins defence system.

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

Recommended usage level: 1 - 100%

#### CYTOFRUIT<sup>®</sup> WATERS Green Mandarin

(INCI: Citrus Nobilis Fruit Extract)

CYTOFRUIT<sup>®</sup> WATERS Green Mandarin is a Cosmos certifiable and circular economy fruit water from the production of Green Mandarin juice.

The fruits are harvested in the Mediterranean and show precious antiseptic characteristics as well as an anti-stress, making it ideal for use in relaxing, anti-stress, uplifting, refreshing, antidepressant, soothing and lenitive applications.

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

Recommended usage level: 1 - 100%

## CYTOFRUIT<sup>®</sup> WATERS Lemon

(INCI: Citrus Limon Fruit Extract)

CYTOFRUIT<sup>®</sup> WATERS Lemon is a Cosmos certifiable and circular economy fruit water from the production of Lemon Juice. The Lemons, harvested in the Mediterranean are rich in Vitamin C, Potassium and Citric Acid.

Lemon fruits cleanse and exfoliate dull and oily skins, whilst refreshing and quenching the skin's thirst to provide a radiant glow. In addition, Lemon fruit also offers natural antibacterial and astringent properties.

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

Recommended usage level: 1 - 100%

## CYTOFRUIT<sup>®</sup> WATERS Pomegranate

(INCI: Punica Granatum Fruit Extract, Potassium Sorbate)

CYTOFRUIT<sup>®</sup> WATERS Pomegranate is a Cosmos certifiable and circular economy fruit water from the production of Pomegranate juice.

The fruits are harvested in the Mediterranean and are rich in Vitamin C, E and K.

Thanks to the presence of oligoelements, this CYTOFRUIT<sup>®</sup> Water could sustain skin biological benefits through an improvement of cell vitality, a protection against external agents or a physiological improvement.

Recommended usage level: 1 – 100%

### CYTOFRUIT<sup>®</sup> WATERS Sweet Orange

(INCI: Citrus Aurantium Dulsis Fruit Extract)

CYTOFRUIT<sup>®</sup> WATERS Sweet Orange is a Cosmos certifiable and circular economy fruit water from the production of Sweet Orange juice. The fruits are harvested in the Mediterranean and are rich in Vitamin C.

Sweet Orange fruits gently awaken the skin with a cocktail of vitamins, whilst providing a re-energising fresh, fruity zest for a reborn skin.

Thanks to the presence of oligoelements, this CYTOFRUIT<sup>®</sup> Water could sustain skin biological benefits through an improvement of cell vitality, a protection against external agents or a physiological improvement.

Recommended usage level: <u>1 - 100%</u>

#### **FOAMIN'TEA**

(INCI: Camellia oleifera seed extract)

FOAMIN'TEA is a 100% natural and upcycled plant powder with surfactant assets and is a byproduct of the tea seeds oil extraction. Thanks to its properties, FOAMIN'TEA can replace your usual surfactant to create a generous foaming effect, with cleaning and antimicrobial actions. This anionic surfactant is ideal for use in a variety of applications including: dry cleansers, micellar waters, shower gels, shampoos, cleaning pastes and toothpastes.

#### CYTOFRUIT<sup>®</sup> WATERS Red Orange

(INCI: Citrus Sinensis (Orange) Fruit Extract)

CYTOFRUIT<sup>®</sup> WATERS Red Orange is a Cosmos certifiable and circular economy fruit water from the production of Red Orange juice. The fruits are harvested in the Mediterranean and are rich in Vitamin C.

Red Orange stimulates the skin with a cocktail of nutritive components and provides a toning effect.

Thanks to the presence of oligoelements, this CYTOFRUIT<sup>®</sup> Water could sustain skin biological benefits through an improvement of cell vitality, a protection against external agents or a physiological improvement.

Recommended usage level: 1 - 100%

#### **Ener-GY plus**

(INCI: Citrus Limon Fruit Extract, Glyceryl Glucoside, Glycerin, Potassium Sorbate)

Ener-GY plus is your microbiota-friendly smiling skin energiser. Developed by enzymatic technology this glyceryl glucoside is in an upcycled and sustainable Mediterranean solvent matrix rich in fruit oligo-elements.

Ener-GY plus supports cell vitality by boosting mitochondrial biochemical pathways, increasing ATP production and boosting cell energy for an anti-fatigue effect.

Recommended usage level: 1%

#### 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 Raspberry Oil

(INCI: Rubus Idaeus Seed Oil)

Organic Virgin Raspberry Oil is made from byproducts 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

#### **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%

## PhytOlive<sup>®</sup>Fine

(INCI: Olea Europaea Seed)

PhytOlive<sup>®</sup>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<sup>®</sup>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%

#### 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.

#### Raspberry Butter<sup>®</sup>

properties.

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

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

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

Raspberry Butter<sup>®</sup> 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<sup>®</sup> 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.

## **IN**FINITY GREDIENTS

## Traceable

## Actimp<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> Powder Bio\* and Actimp<sup>®</sup> Liquid.

Recommended usage level: 0.01 – 0.2%

#### Australian Tea Tree Oil WS

(INCI: Water, PEG 40 Hydrogenated Castor Oil, Polysorbate 20, Melaleuca Alternifolia (Tea Tree) Oil)

Australian Tea Tree Oil WS is an aqueous microemulsion of Tea Tree Oil. It has a broad spectrum antimicrobial and anti-inflammatory activities specially developed for products aimed at problem of skin and scalp.

Recommended usage level: Skin Care: 5-10%; After-sun Care: 5-10%; Hair Care and problem scalp: 5-10%; Toiletries: 5-10%; Deodorant: 1-5%; Preservative booster: 3%

#### Calybiota<sup>®</sup> Bio

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

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

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

Calybiota<sup>®</sup> Bio is also recommended for acneprone, 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%

## Desert Harvest<sup>™</sup> 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%

## HYDROSELLA<sup>™</sup>

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

Osmo-hydration to fight against dry skin.

Hydrosella<sup>™</sup> 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<sup>™</sup> 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<sup>™</sup>. 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<sup>™</sup>, an aqueous extract of sustainably sourced

organic pink rock-rose. IBR-Chill<sup>™</sup> is standardised for myricitrin, a flavonoid glycoside, previously reported to have antianxiety effects. Making IBR-Chill<sup>™</sup> the perfect active to fight anxiety and stress related skin ageing.

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

Recommended usage level: 0.5 - 1%

## IBR-Dormin<sup>®</sup> all natural

(INCI: Glycerin, Water, Narcissus Tazetta BulbExtract) \_\_\_\_\_\_

IBR-Dormin<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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-Hairdorm<sup>™</sup> all natural

(INCI: Water and Narcissus Tazetta Bulb Extract)

IBR-Hairdorm<sup>™</sup> 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-Dragon<sup>®</sup> all natural

(INCI: Hylocereus Undatus Fruit Extract)

IBR-Dragon<sup>®</sup> is an aqueous dragon fruit extract rich in sugars and fibers. Prebiotic activity supports the growth of beneficial bacteria to allow them to better compete with detrimental ones. Reinforces the skin barrier function (TEWL decrease).

With its prebiotic approach, IBR-Dragon<sup>®</sup> improves skin barrier function and strengthens skin resilience, leading to a lighter and more luminous skin and revealing a more radiant look!

Recommended usage level: 1 - 5%

## IBR-Snowflake<sup>®</sup> all natural

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

IBR-Snowflake<sup>®</sup> 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%



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

Lime Pearl<sup>™</sup> 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%

## Mountain Harvest<sup>™</sup> 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%

## Melafresh<sup>™</sup> T96

(INCI: 4-Terpineol)

 $Melafresh^{T}$  T96 is a pure concentrated form of terpinen-4-ol, the active ingredient naturally present in tea tree (Melaleuca alternifola) oil.

This multifunctional natural active ingredient offers both antimicrobial anti-inflammatory activity making it ideal for irritated skin, acneprone 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%

## OiLESS'city<sup>™</sup>

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

OiLESS'city<sup>™</sup> 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<sup>™</sup> provides a selfie-confident look by fighting urban life aggressions to rebalance oily skin and reduce shiny appearance.

Recommended usage level: 1 - 2%

#### SCB Macadamia Oil

#### (INCI: Macadamia Ternifolia Seed Oil)

SCB Macadamia Oil is a versatile natural cosmetic oil with excellent oxidative stability and nourishing properties for high performance cosmetic and personal care products. It is produced from the cold pressed kernels of Macadamia ternifolia, which are indigenous to the sub-tropical coastal Australian rainforest. It is enhanced by a unique refining process resulting in an ultra-pure highly emollient oil providing the following benefits as natural oil for cosmetics: enhanced softening effect and a dry, velvet-soft skin feel.

SCB Macadamia Oil leaves on the skin a surprising light and dry skin feel, despite its viscosity and presence during spreading. It is an excellent skin conditioner, protectant and emollient. The oil can be used in a wide range of applications in skin care, anti-ageing care, sun care, hair care, lip care, baby care and aromatherapy.

Recommended usage level: Skin Care: 5-10%; Hair Care: 0.5-1.0%; Sun Care: 5-10%; Massage and Baby oil: 100%; Make-up and pigment disperser: 2-10%; Soap bars: 1-2%; Aromatherapy - carrier for essential oils

#### SKINECTURA<sup>™</sup>

(INCI: Glycerin, Water, Anigozanthos flavidus Extract)

SKINectura<sup>™</sup> 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%

#### 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, antiinflammatory 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%

### 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 radicalinduced 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%

#### Tamzan Pepper<sup>™</sup> C

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

Tazman Pepper<sup>™</sup> 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<sup>™</sup> AF

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

This exotic combination of Tropical Fruit

Harvest<sup>™</sup> 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

#### WildBerry Harvest<sup>™</sup> AF

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

WildBerry Harvest<sup>™</sup> 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%

## Tazman Pepper<sup>™</sup> AF

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

Tazman Pepper<sup>™</sup> 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%

#### 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%

## WildLime Harvest<sup>™</sup> 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%

#### WildPlum Harvest<sup>™</sup> AF

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

WildPlum Harvest<sup>™</sup> 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%

## **IN**FINITY GREDIENTS

## **Circular Economy & Traceable**

## 5α-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

Recommended usage level: 0.5 – 2%

and decreases dandruff.

### Actimilk<sup>™</sup> 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<sup>™</sup> 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%

#### 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%

#### Avocado Powder

(INCI: Persea Gratissima (Avocado) Fruit Powder)

The avocado has been a product of excellence at Laboratoires Expanscience for over 30 years. By choosing to work with local partners through our South African and Latin American avocado suppliers, Laboratoires Expanscience are taking concrete steps to fight deforestation, encourage best cultural practices based on tradition and contribute to strengthening the producer's economy and society.

Avocado powder is produced by grinding the whole dehydrated, delipidated fruit (stone, pulp and skin). The smooth avocado particles obtained (average granulometry: 100-500µm) act gently rather than abrasively on the skin surface.

An alternative to plastic micro-beads, plant scrubs remove dead cells and impurities from the skin mechanically and gently. It accelerates skin renewal and brightens the complexion. Plant scrubs soften and unify the epidermis and facilitate the penetration skin care products.

Recommended usage level: 0 - 100%

## BIOACTIVE TOTAROL<sup>™</sup> Powder

(INCI: Totarol Powder)

A world first organic super ingredient sustainably sourced from the fallen New Zealand Totara Tree. Bioactive Totarol<sup>™</sup> 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<sup>™</sup> located in the heartwood of

the tree was the magic ingredient at play. Bioactive Totarol<sup>™</sup> 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, multitasking 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<sup>™</sup> 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<sup>™</sup> 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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Successfully used in cosmetic formulations for the last 20 years, this highly effective, multitasking 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: 0.8-1%

### CO2LLAGENEER<sup>®</sup>

(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 CO2llagneer<sup>®</sup> is extracted from the hulls of lupin seeds using an original patented and 100% green extraction process.

CO2llageneer<sup>®</sup> 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%

#### Hyaluronic Tucuma Extra

(INCI: Astrocaryum Vulgare Seed Butter)

Sustainably upcycled Tucuma with zero waste. Highly nutritious, a natural source of provitamin 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.

### 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<sup>®</sup> 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<sup>®</sup> restores cellular function.

Recommended usage level: 0.1 – 0.6%

#### 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.

## IBR-CalmDeAge<sup>®</sup>

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

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

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

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

Recommended usage level: 3 - 5%

#### BR-SolAge<sup>™</sup>

(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<sup>™</sup>).

Microalga Dunaliella salina is nature's own photoprotective mechanism that withstands harsh solar irradiation. IBR-SolAge<sup>™</sup> is a sustainable and circular economy (uses byproducts from nearby salt factories) active from purified pink algae extract, uniquely designed to fight Glyc-Aging<sup>™</sup>. 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 oilsoluble 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, antiredness, make-up and oil-based formulations.

Recommended usage level: 0.5 – 1%

## IBR-TCLC<sup>®</sup> in Jojoba Oil

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

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

Recommended usage level: 0.1 - 2%

#### 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<sup>®</sup> 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<sup>®</sup> also acts on the synthesis and protection of essential components of the dermal matrix to improve skin firmness.

## IBR-UrBioTect<sup>™</sup> 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<sup>®</sup> 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%

#### 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%

Recommended usage level: 1 – 3%

#### 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%

## 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<sup>®</sup> 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 valuated by the production of an anti-pollution active ingredient, Ormesia<sup>®</sup>.

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



(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<sup>®</sup> 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<sup>®</sup> restores and prevents the degradation of essential components of the skin barrier function and extracellular matrix.

Recommended usage level: 1 – 3%

#### Premium Avocado Oil

(INCI: Persea Gratissima (Avocado) Oil)

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

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

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

Recommended usage level: 0 – 100%

## Regenight<sup>™</sup>

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

Upcycled fraction from Australian Tea Tree oil, standardised in sesquiterpenes. Regenight<sup>™</sup> 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<sup>™</sup> 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<sup>™</sup> 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

#### 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%

#### 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<sup>™</sup> LAVENDER

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

To support circular beauty and promote the use of eco-conscious ingredients, Wastar<sup>™</sup> Lavender was designed by valorizing byproducts 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<sup>™</sup> 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

### WASTAR<sup>™</sup> PINK BERRY

(INCI: Maltodextrin, Schinus Terebinthifolia Seed Extract)

To support circular beauty and promote the use of eco-conscious ingredients, Wastar<sup>™</sup> 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<sup>™</sup> 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

## **Contact Us**

## Interested?

# Then contact the Infinity team for more information:

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