INFINITY
INGREDIENTS

Inspiring Cosmetics

Anti-Ageing
Anti-Ageing

When the skin ages, changes in pigmentation, sagging, and wrinkling can be seen. This is mostly due to photoageing, along with other factors such as inflammation, genetics (chronological ageing) and lifestyle (smoking, drinking, stress etc).

There are many different ways to treat ageing, from expensive and invasive surgical procedures to less invasive cosmetic treatments.

When formulating a cosmetic anti-ageing product, it is important to firstly identify the age category for which the product will be marketed as skin at 25+ (first signs of ageing) has very different needs to skin at 35+ (fine lines), 45+ (menopausal skin) and 55+ (mature skin).

This is due to differing collagen levels, thickness of the epidermis/dermis, whether the skin is greasy or dry and so on; using just one active is never enough.

Speed of efficacy is also an important factor to consider, as consumers are impatient and often do not want to wait 14 days or more to see a result.

Here is where instant skin tighteners and optical blurring agents have their place. These should ideally be complimented by actives that work on a more biological level but can take 14 days or more to work.

Our ever ageing population is willing to try anything to stay looking young. So in this very affluent and expanding market sector, it is vital that brands stay ahead of the game by ensuring the latest technologies and actives are used. Our partners launch at least one new active per year helping you, our valued customer, to stay ahead of the game.

To help guide you through the many options for this area, we at Infinity Ingredients have categorised our actives by age. Happy reading and please contact one of our team should you need more help, advice or samples.
**CYTOFRUIT® WATERS Lemon**

(INCI: Citrus Limon Fruit Extract)

CYTOFRUIT® 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® 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%

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**CYTOFRUIT® WATERS Sweet Orange**

(INCI: Citrus Aurantium Dulsis Fruit Extract)

CYTOFRUIT® 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® 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%
**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.

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%

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**Flower Harvest™ AF**

(INCI: Glycerin, Aqua, Grevillea Speciosa Flower Extract, Banksia Serrata Flower Extract, Anigozanthos Flavidus Extract)

For thousands of years, Australian Aborigines used flowers for nutritional, medicinal and cosmetic purposes. Due to the isolation of Australia, the native flowers have developed unique attributes such as shape, colour, fragrance and bioactive compounds.

The flowers in Flower Harvest™ AF have been specially selected for their rejuvenating protective and moisturising properties

Recommended usage level: 1 - 5%

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**Matipure Oil Free™**

(INCI: Magnesium Aluminum Silicate (and) Hydroxyethylcellulose (and) Phospholipids)

Matipure Oil Free™ is a unique patented biocompatible complex characterised by highly absorbant porous micro particles made of Cellulose Magnesium Silicate and complexed Phospholipids.

When Matipure Oil Free™ is applied on the surface of the skin, water slowly evaporates allowing excess sebum to gradually migrate inside particles providing an immediate matifying (reduces sebum by 40% after 1 hour) and purifying effects. Phospholipids give smoothness to the skin and avoid a drying effect.

Recommended usage level: 1 - 5%

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**Miniporyl™**

(INCI: Isopentyldiol, Trifolium Pratense (Clover) Flower Extract)

Miniporyl™ is extracted from Red Clover Extract and titrated in Biochanin A to purify and rebalance skin. The enlargement of pores is caused by Corneocytes retaining their nucleus which cause pores to clog. As a result skin loses tonicity and firmness.

Miniporyl™ improves Keratinocyte differentiation to obtain nucleusfree Corneocytes as well as inhibiting 5α-reductase activity to decrease sebum production. Overall the size and appearance of pores is reduced.

Recommended usage level: 0.5 - 1.0%
Preventative face care 1.0 - 2.0% Intensive face care
Rainforest Harvest™ AF

(INCI: Glycerin, Aqua, Syzygium Leuhmanii Fruit Extract, Acronychia Acidula Fruit Extract, Davidsonia Pruriens Fruit Extract)

Due to geographical isolation, plants of the Australian rainforest have developed unique survival mechanisms which enable them to thrive in a highly competitive tropical ecosystem that is hot, wet and rich in nutrients. This unique combination of powerful antioxidant fruits will nourish, moisturise, soothe skin and fight the ageing process.

Recommended usage level: 1 - 5%

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%

Softami

(INCI: Glycerin, Punica Granatum Fruit Extract, Calendula Officinalis Flower Extract, Vitis Vinifera Leaf Extract, Cucumis Sativus Fruit Extract)


These plants have been carefully selected for their synergistic and complementary properties offering antioxidant, moisturising, radiance and skin soothing effects.

The concentration of active molecules is 5 to 10 times higher than that of extracts on the market thanks to an eco-responsible and exclusive manufacturing process.

Recommended usage level: 1 - 5%
Amiperfect ER

(INCI: Gaultheria Procumbens (Wintergreen) Leaf Extract)

Amiperfect ER is the first 100% natural salicylic acid molecule extracted from wintergreen. This amazing alternative to synthetic salicylic acid is an all-natural product, which provides the effects of a recognised powerful cosmetic ingredient for a bright complexion, due to it being a powerful cellular regenerator.

It is the cosmetic ally of mature, dull or oily skin with blemishes. This 100% natural high-tech ingredient yields a perfect, radiant complexion as well as purified, smoothed skin. Optimum pH conditions 3 - 5.

Recommended usage level: ≤3% in rinse-off hair products and ≤2% for other products.

ChroNOline™

(INCI: Glycerin (and) Water (and) Dextran (and) Caprooyl-Tetrapeptide-3)

ChroNOline™ is a biomimetic Tetrapeptide derived from a growth factor bound lipid for higher stability and optimal skin penetration.

ChroNOline™ boosts the production of key components at the DEJ such as Collagen VII, Laminin-5 and Fibronectin for optimal skin support.

ChroNOline™ provides an outstanding reduction of the appearance of fine lines and wrinkles after 28 days and can be used across all ages starting at 25+ to preserve DEJ and communication between Dermis and Epidermis.

Recommended usage level: Intensive treatment: 2.5% Preventive treatment: 1% to 2.5% Skin repair treatment: 0.3% to 1%
**COSME-PHYTAMI® CAMU CAMU**

(INCI: Glycerin, Myrciaria Dubia Fruit Extract)

Camu Camu fruit offers one of the richest natural sources of Vitamin C, providing the skin with an important antioxidant capacity against free radicals, which are well-known to be one of the main causes of premature ageing. Camu Camu is an ideal active ingredient for mature, stressed skin and sun protection products as well as toning and exfoliating due to the respective vitamin and organic acid content. As a result, Camu Camu fruits are recommended to restore radiance in dull, tired skin.

Recommended usage level: 1-10%

**EquiBiotics™ LRh**

(INCI: Maltodextrin, Lactobacillus Ferment)

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

Recommended usage level: 0.5 - 2.0%
**Glucohyami**

(INCI: Maltodextrin, Cichorium Intybus (Chicory) Root Extract)

Glucohyami is a biomimetic activator of hyaluronic acid synthesis. This cosmetic ingredient is rich in vegetal glucosamine, a molecule naturally present in the body and essential for the production of hyaluronic acid. Glucohyami allows the skin to restore its optimal production of hyaluronic acid and to recover youth.

This purified dry extract of chicory root represents a vegetal alternative to conventional glucosamine of animal or microbiological origin, which can be a source of allergens and not eco-responsible.

Recommended usage level: 0.2 - 0.4%

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**IBR-Chill™**

(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-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%

**Lifteessence™ Nature**

(INCI: Water, Glycerin, Cyathea Cumingii Leaf Extract)

Lifteessence™ is a natural instant skin tightener from Polysaccharides found in a New Zealand Fern.

Its specific Polysaccharide composition provides a mechanical lifting effect, which immediately reduces the appearance of fine lines and enhances skin biochemical properties without flaking.

Suitable for neck and eye applications.

Recommended usage level: 1 - 2%

**Preparami® ER**

(INCI: Simmondsia Chinensis (Jojoba) Seed Oil (and) Opuntia Ficus Indica Extract)

Preparami® ER is a protective and repairing cosmetic ingredient from Alban Muller’s Research line of tested actives. This cosmetic ingredient, 100% natural without preservatives, contains a unique Prickly Pear extract stabilised in jojoba oil providing a sensorial feeling, protection against oxidation and soothing properties.

It repairs stressed and damaged skin. Thanks to its anti-ageing protection, it limits premature ageing due to stress and pollution.

Recommended usage level: 0.5 - 2.5%

**PrincipHYAL® Cube3**

(INCI: Sodium Hyaluronate)

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

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

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

Recommended usage level: 0.5 - 1.0
**PrincipHYAL® Difference**

(INCI: Sodium Hyaluronate)

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

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

Recommended usage level: 0.5 - 1.0

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**PrincipHYAL® Signal-10**

(INCI: Hyaluronic Acid)

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

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

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

Recommended usage level: 0.1 - 0.5
SalSphere™ Anti-Aging Lift

(INCI: Water, Polyvinyl Alcohol, Sodium Coco-Glucoside Tartrate, Theobroma Cacao (Cocoa) Seed, Beeswax, Euphorbia Cerifera (Candelilla) Wax, Lecithin, Phenoxyethanol, Ethylhexylglycerin, Tocopherol Acetate, Niacin, Resveratrol, Dimethyl Sulfone, Glycerin, Punica Granatum Extract, Palmitoyl Tripeptide-5)

SalSphere® Anti-ageing Lift (AAL) is an effective technology that instantly reduces the appearance of fine lines and treats wrinkles from within for a long-lasting, younger-looking appearance.

SalSphere™ AAL visibly reduces the appearance of fine lines in as little as 10 minutes and yields a firming sensation that can be perceived long after application.

Suitable for leave-on anti-ageing applications such as, creams, lotions, serums and concealers.

Recommended usage level: 10%

SalSphere™ Natural Anti-Aging

(INCI: Apple (Pyrus Malus) Extract, Fruit Extract, Grape Seed Extract (Resveratrol), Butyrospermum Parkii (Shea) Butter, Euphorbia Cerifera (Candelilla) Wax, Polyglyceryl-2 Stearate, Glyceryl Stearate, Stearyl Alcohol)

SalSphere® Natural (95% natural) Anti-ageing is a sub-micron technology composed of potent and natural age-fighting Polyphenols, Resveratrol and Procyanidin B2.

Resveratrol is a potent polyphenol and antioxidant derived from the skin of red grapes that has been shown to brighten and even out skin tone. Procyanidin B2 from apple extract is another powerful Polyphenol and antioxidant that promotes cell growth and rejuvenation. It also inhibits the formation of Advanced Glycation End-products (AGE) that causes wrinkles and dull skin tone.

Ideal for anti-ageing products such as, lotions, creams, concealers and cleansers.

Recommended usage level: 5 - 10%
**Vegan DDS EGF**

(INCI: Aqua, Mannitol, Phosphatidilcoline, Glycerin, Retinyl Palmitate, Cetyl Alcohol, Potassium Sorbate, Sodium Benzoate, Decyl Glucoside, Lauryl Glucoside, Xanthan Gum, Sodium Chloride)

The Epidermal Growth Factor – EGF (Oligopeptide-1) is a type of peptide produced in our bodies that acts on the skin, stimulating its repair, growth and the differentiation of new epithelial cells. These processes involve cellular regeneration at the epidermal layer and an increase in the production of collagen, hyaluronic acid and elastin.

Over the years the body increasingly produces less EGF and as a consequence is less able to counteract skin aging. For this reason, the use of EGF containing products prevents and reverses the ageing effect on the skin. Growth factors in general and EGF in particular, are extremely sensitive peptides which are very easily denaturalised by external agents. Furthermore, their ability to penetrate the skin is limited.

By encapsulating EGF into INdermal's Deep Delivery System (DDS) it not only enhances penetration but also offers protection.

**Recommended usage level:** 1 - 10%

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**Vegan DDS Multivitamin**

(INCI: Aqua, Mannitol, Phosphatidilcoline, Glycerin, Sodium Ascorbyl Phosphate, Cetyl Alcohol, Decyl Glucoside, Potassium Sorbate, Sodium Benzoate, Retinyl Palmitate, Tocopherol Acetate, Xanthan Gum, Sodium Chloride)

Vitamins A, C & E are of great importance with regard to skincare, not only because of their individual properties, but also because of the unique benefits provided by their synergetic combination.

Vitamin A delivered in the form of Retinyl Palmitate possesses a high capacity to stimulate the production of collagen and elastin as well as a positive regenerating action amongst other attributes. Meanwhile, Vitamin C in the form of Sodium Ascorbyl Phosphate is known for its antioxidant capability and illuminating and skin tone regulating properties. Finally, Vitamin E delivered in the form of Tocopheryl Acetate offers a comprehensive antioxidant action which helps to prevent premature ageing.

Their different levels of solubility and their delicate stability mean that successfully combining these three vitamins in one product, let alone one that can reach the deep skin levels in balanced dosages, has traditionally proven difficult. The encapsulation in the INdermal DDS system overcomes these difficulties releasing the full potential of this multivitamin synergy.

**Recommended usage level:** 1 - 10%
**Vegan DDS Oligo HA**

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

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

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

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

Recommended usage level: 1 - 10%

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**Vegan DDS Resveratrol**

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

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

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

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

Recommended usage level: 1 - 10%
Vegan DDS Retinol

(INCI: Aqua, Mannitol, Phosphatidilcoline, Glycerin, Retinyl Palmitate, Cetyl Alcohol, Potassium Sorbate, Sodium Benzoate, Decyl Glucoside, Lauryl Glucoside, Xanthan Gum, Sodium Chloride)

Retinyl Palmitate is an ester of vitamin A and is one of the most reliable ways to provide the skin with vitamin A. On delivery to the deep skin levels, Retinyl converts to Retinol (Vitamin A) which in turn converts to Retinal (Retinaldehyde), before finally converting to Retinoic Acid.

Its ability to stimulate the production of hyaluronic acid, collagen and elastin is why it is considered one of the most potent anti-aging active ingredients. It also accelerates the cell regeneration process, improving the general appearance and texture of the skin and minimising the pore size. For this reason, together with its ability to regulate sebum production, it is commonly found in acne treatment products.

Furthermore, it represses the production of melanin thereby reducing the number and intensity of skin blemishes. Retinyl Palmitate is encapsulated in the Deep Delivery System (DDS) where 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%
**AlphaAging®**

(INCI: Bisabolol, Mauritia flexuosa fruit oil)

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

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

It is a natural alternative to retinoids and synthetic actives. It is suitable for face and body skin in the prevention and treatment of wrinkles, sagging, prolonged hydration.

Recommended usage level: 0.1 - 3%

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**BeautySYN Bright**

(INCI: Dextran, Origanum Vulgare Leaf Extract, Butylene Glycol)

BeautySYN Bright provides a prolonged skin luminosity effect from an innovative and patented technology which entraps the Origanum Vulgare Leaf (Oregano) in a natural polymer controlling its release over time and aiding stability.

Oregano contains Polyphenols which are known for their antioxidant properties and inhibiting Tyrosinase. BeautySYN Bright helps to significantly reduce the number of dark spots after 30 days of application, whilst also acting as a whitening treatment to target pigmentations disorders.

BeautySYN Bright improves the overall skin complexion by improving skin radiance and reducing skin redness and dark spots.

Recommended usage level: 1.0 - 1.5
**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%

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**Borealine® Expert**

(INCI: Glycerin, Acer Rubrum Extract)

Borēaline® 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® 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%
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-κB 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-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%
Kollaren®

(INCI: Water (and) Dextran (and) Tripeptide-1)

Kollaren® is a biomimetic Peptide derived from a signal Peptide. Kollaren® increases the firmness of the skin by activating the Extracellular Matrix Proteins synthesis (Collagen, Elastin, Fibronectin and Laminin). With its tissue repair properties, Kollaren® encourages tissue renewal and restores the biomechanical properties of the skin.

Kollaren® is the perfect tool to fight the ageing process, reduce the appearance of sagging skin, wrinkles and other manifestations of skin ageing.

Recommended usage level: 1 - 10%

Lanablue®

(INCI: Sorbitol (and) Water (and) Algae Extract)

Lanablue® blue colour (no colour when formulated) is due to the natural pigment of Phytosienine. An extract of Endemic Cyanophyleae harvested in wild conditions, Lanablue® has a high content of group B vitamins, amino acids and specific pigments. It acts like natural Retinoids (without the side effects) on Keratinocyte differentiation, thus smoothing and densifying the epidermis.

Lanablue® influences different markers such as: Filaggrin, marker of cell differentiation, it contributes to maintaining skin hydration and liberates natural moisturising factors; Loricrin, marker of Corneocyte differentiation; Calgranulin A, Calgranulin B and Psoriasin, markers of basal proliferation, involved in skin repair process; TIMP 1 (Tissue Inhibitor of Metalloproteinase-1), natural inhibitor of Matrix Metalloproteinase (MMP) which regulates the integrity of the Extracellular structure.

Recommended usage level: 1 - 5%
Liftessence™ Nature
(INCI: Water, Glycerin, Cyathea Cumingii Leaf Extract)

Liftessence™ is a natural instant skin tightener from Polysaccharides found in a New Zealand Fern.
Its specific Polysaccharide composition provides a mechanical lifting effect, which immediately reduces the appearance of fine lines and enhances skin biochemical properties without flaking.
Suitable for neck and eye applications.
Recommended usage level: 1 - 2%

Melanostatine® 5
(INCI: Water (and) Dextran (and) Nonapeptide-1)

Melanostatine® 5 is an Oligopeptide with a high affinity for MC1-R.
Melanostatine® 5 is a Biomimetic Peptide antagonist specific to α-MSH (Alpha Melanocyte Stimulating Hormone).
As an antagonist, Melanostatine® 5 competes against the natural ligand (α-MSH) on its specific receptor (MC1-R) to prevent any further activation of the Tyrosinase, and thus blocking Melanin synthesis, stopping unwanted pigmentation, allowing for control over skin tone and brown spots. China compliant.
Recommended usage level: 4 - 8%
**MultiSal® Multilayer**

(INCI: Sodium Starch Octenylsuccinate, Butyrospermum Parkii (Shea) Butter, Hydrated Silica, Glycerin, Cocamidopropyl Dimethylamine, Lactic Acid, Phenylethyl Resorcinol, Water, Sodium Hydroxide, Palmitoyl Tripeptide-5)

MultiSal® Multilayer (MS ML) is an anti-ageing system composed of multiple functional compartments within a single microsphere, designed to target multiple layers of the skin for an effective and comprehensive skin rejuvenation.

The technology contains AHA, Lactic acid to exfoliate and moisturise the skin; a potent antioxidant (Phenylethyl Resorcinol) for brightening along with a unique blend of peptides that reaches the deeper layer of the skin to stimulate collagen synthesis.

MS ML is stable in a variety of lotions and creams.

Recommended usage level: 2 - 5%

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**MultiSal™ Retinol**

(INCI: Retinol, Hydrated Silica, PPG-3 Benzyl Ether Myristate, PEI-10)

Retinol has been utilised extensively as an anti-wrinkle therapy. The molecule acts by inducing glycosaminoglycan and collagen synthesis, rejuvenating the firmness and youthful appearance of skin.

A challenge regarding the use of Retinol is its susceptibility to oxidation, which ultimately reduces the potency and limits effectiveness. Due to its ability to enhance skin turnover, Retinol can cause irritation on consumers with sensitive skin.

MultiSal™ technology is based on double-layered encapsulation of retinol. The microsphere ruptures when the lotion is rubbed into the skin, releasing the sub-micron spheres inside. The core is comprised of botanical lipophilic ingredients that partition into the skin, thus modulating the slow release of the encapsulated retinol over time.

MultiSal™ Retinol reduces the appearance of fine lines in as little as 2 weeks. MultiSal™ Retinol is recommended for use in anti-ageing and skin rejuvenation products including lotions, creams, lip care and cosmetics as well as anti-acne.

Recommended usage level: 1 - 2%
**Progeline™**

(INCI: Glycerin (and) Water (and) Dextran (and) Trifluoroacetyl Tripeptide-2)

Progeline™ is a 3 Amino acids Biomimetic Peptide of Elafin, an enzyme inhibitor that regulates the integrity of the Extracellular Matrix. Progeline™ decreases Progerin an ageing biomarker of skin cellular senescence. By acting directly on a senescence marker, Progeline™ clinically improves the appearance of signs associated with skin maturation: sagging, slackness and wrinkles.

A new study has shown that Progeline™ stimulates Sirtuin-1 and Sirtuin-3 production which are responsible for cell longevity and lifespan. In addition, it can reverse the signs of ageing by increasing Pro-collagen I synthesis. In addition, it offers 100% Elastase inhibition; this is important as we cannot stimulate Elastin.

Gold Award winner, In-Cosmetics 2012.

Recommended usage level: Intensive treatment: 2% Body care: 1% Preventive care: 0.5 – 2%

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**Repulpami ER Organic**

(INCI: Glycerin, Water, Adansonia Digitata Fruit Extract, Hibiscus Sabdariffa Flower Extract)

Repulpami ER Organic is an innovative natural blend of white hibiscus and baobab fruit extracts stabilised in organic glycerin to provide anti-ageing.

This multifunctional active ingredient can be used in all-in-one anti-ageing face care, anti-wrinkle, rebuilding, firmness, plumping, firming of neck and décolletage, after sun care and arm firmness products. The organic certified plants are sourced from eco-responsible fair-trade in Senegal.

Recommended usage level: 2 - 5%
**SalSphere® Even Skin**

(INCI: Salicylic Acid, PEG-8, Isostearamidopropyl Ethyldimonium Ethosulfate, Propylene Glycol, Carthamus Tinctorius (Safflower) Seed Oil, Olea Europaea (Olive) Fruit Oil)

A time release delivery system for salicylic acid (SA) to rejuvenate and restore skin.

Recommended usage level: Cosmetic: Up to 1.67% ; OTC: 1.67-6.67%; Rx: Over 6.67%

**SalSphere™ Light**

(INCI: Water, Glyceryl Stearate, Alpha Arbutin, Polysorbate 80, Phenoxyethanol, Ethylhexylglycerin, Resveratrol)

SalSphere® Light is a delivery system of alpha arbutin and resveratrol designed to treat dark spots, melasma and post-inflammatory hyper-pigmentation on skin.

Suitable for leave-on skin care and anti-ageing applications such as, lotions, gel-creams, concealers, spot treatments and serums. As well as natural fromulations (95% natural).

Recommended usage level: 2.5 - 5%

**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: 1 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%
**SWT-7™ H**

(INCI: Maltodextrin, Swertia Chirata Extract)

SWT-7™ H is an ultra-high tech active inspired by advanced regenerative medicine that boosts self-repair system of the skin and targets fast (up to 7 days) skin tissue recovery.

It has a mimetic action on adipose-derived stem cells featuring specific factors that ensure cell-to-cell communication. Visible results on vertical lines (responsible for tired and sad facial expression), wrinkles, volume, skin texture and lip lines.

Recommended usage level: 0.5 - 2%

**SWT-7™ L**

(INCI: Isopropyl Palmitate, Lecithin, Aqua, Swertia Chirata Extract)

SWT-7™ L is an ultra-high tech active inspired by advanced regenerative medicine that boosts self-repair system of the skin and targets fast (up to 7 days) skin tissue recovering.

It has a mimetic action on adipose-derived stem cells featuring specific factors that ensure cell-to-cell communication.

SWT-7 L is the oil-soluble form, enhances its bioavailability and boosts the results on vertical lines (responsible for tired and sad facial expression), wrinkles volume, skin texture and lips lines.

Recommended usage level: 0.5 - 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 Tranexamic**

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

Tranexamic Acid is a widely known molecule in medicine which is normally used as an antifibrinolytic owing to its ability to inhibit plasmin. This same property is used in cosmetics to reduce pigmentations since plasmin is involved with melanogenesis. Furthermore, Tranexamic Acid acts on keratinocytes which contain melanin, interrupting the inflammatory process that produces blemishing following external aggressions or injuries such as acne.

Finally, it also reduces increased vascularisation which always accompanies a recurrent hyperpigmentation such as melasma. These three modes of action of Tranexamic Acid, together with the ability of Niacinamide (Vit.B3) to inhibit the transfer of melanosomes and protect the DNA from UV damage, provide a potent treatment for all types of blemishes. It is particularly effective in the treatment of photo induced pigmentations such as, Melasma and Liver spots.

Encapsulated within INdermal's Deep Delivery System (DDS) it enables the Tranexamic Acid to be 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%
β-White™

(INCI: Water (and) Butylene Glycol (and) Hydrogenated Lecithin (and) Sodium Oleate (and) Oligopeptide-68 (and) Disodium EDTA)

β-White™ is a TGF-β Biomimetic peptide encapsulated in a Liposome vehicle. It differentiates itself from other traditional whitening agents with its unique inhibitory action on the MITF (responsible for Tyrosinase and the enzymes involved in the pigment cascade TRP-1 and TRP-2) cellular pathway to decrease constitutive and facultative pigmentation with an excellent safety profile.

Compatible with AHA to enhance exfoliation, increase penetration of peptide and aid whitening.

Recommended usage level: Intensive whitening: 2.5 - 5% Lightening care and skin illuminator: 0.5 - 1% Corrective care and age-spot: 1 - 2.5%
Age Spots

**BeautySYN Bright**

(INCI: Dextran, Origanum Vulgare Leaf Extract, Butylene Glycol)

BeautySYN Bright provides a prolonged skin luminosity effect from an innovative and patented technology which entraps the Origamum Vulgare Leaf (Oregano) in a natural polymer controlling its release over time and aiding stability.

Oregano contains Polyphenols which are known for their antioxidant properties and inhibiting Tyrosinase. BeautySYN Bright helps to significantly reduce the number of dark spots after 30 days of application, whilst also acting as a whitening treatment to target pigmentations disorders.

BeautySYN Bright improves the overall skin complexion by improving skin radiance and reducing skin redness and dark spots.

Recommended usage level: 1.0 - 1.5

**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%
**IBR-Dormin® all natural / organic**

(INCI: Glycerin, Water, Narcissus Tazetta Bulb Extract)

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%

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**Melanostatine® 5**

(INCI: Water (and) Dextran (and) Nonapeptide-1)

Melanostatine® 5 is an Oligopeptide with a high affinity for MC1-R.

Melanostatine® 5 is a Biomimetic Peptide antagonist specific to α-MSH (Alpha Melanocyte Stimulating Hormone).

As an antagonist, Melanostatine® 5 competes against the natural ligand (α-MSH) on its specific receptor (MC1-R) to prevent any further activation of the Tyrosinase, and thus blocking Melanin synthesis, stopping unwanted pigmentation, allowing for control over skin tone and brown spots. China compliant.

Recommended usage level: 4 - 8%
**SalSphere™ Light**

(INCI: Water, Glyceryl Stearate, Alpha Arbutin, Polysorbate 80, Phenoxyethanol, Ethylhexylglycerin, Resveratrol)

SalSphere® Light is a delivery system of alpha arbutin and resveratrol designed to treat dark spots, melasma and post-inflammatory hyper-pigmentation on skin.

Suitable for leave-on skin care and anti-ageing applications such as, lotions, gel-creams, concealers, spot treatments and serums. As well as natural formulations (95% natural).

Recommended usage level: 2.5 - 5%

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**Vegan DDS Tranexamic**

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

Tranexamic Acid is a widely known molecule in medicine which is normally used as an antifibrinolytic owing to its ability to inhibit plasmin. This same property is used in cosmetics to reduce pigmentation since plasmin is involved with melanogenesis. Furthermore, Tranexamic Acid acts on keratinocytes which contain melanin, interrupting the inflammatory process that produces blemishing following external aggressions or injuries such as acne.

Finally, it also reduces increased vascularisation which always accompanies a recurrent hyperpigmentation such as melasma. These three modes of action of Tranexamic Acid, together with the ability of Niacinamide (Vit.B3) to inhibit the transfer of melanosomes and protect the DNA from UV damage, provide a potent treatment for all types of blemishes. It is particularly effective in the treatment of photo-induced pigmentation such as, Melasma and Liver spots.

Encapsulated within INdermal’s Deep Delivery System (DDS) it enables the Tranexamic Acid to be 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%
ß-White™ is a TGF-ß Biomimetic peptide encapsulated in a Liposome vehicle. It differentiates itself from other traditional whitening agents with its unique inhibitory action on the MITF (responsible for Tyrosinase and the enzymes involved in the pigment cascade TRP-1 and TRP-2) cellular pathway to decrease constitutive and facultative pigmentation with an excellent safety profile.

Compatible with AHA to enhance exfoliation, increase penetration of peptide and aid whitening.

Recommended usage level: Intensive whitening: 2.5 - 5% Lightening care and skin illuminator: 0.5 - 1% Corrective care and age-spot: 1 - 2.5%
**Adipofill’In™**

(INCI: Water (and) Propanediol (and) Ornithine (and) Phospholipids (and) Glycolipids)

Adipofill’In™ is an L-Ornithine Amino acid encapsulated in an Ionosome™ for specific and local action on Adiposites, a remarkable delivery system, designed to mimic lipo filling results for maximum and fast results.

Adipofill’In™ is able to increase fatty tissue volume for a lipo filling-like effect through a noninvasive method to decrease hollowness under the eyes.


Recommended usage level: 0.5 - 2%

**Amiporine® ER**

(INCI: Glycerin, Punica Granatum Fruit Extract)

A purified pomegranate extract that optimises the skin’s cellular communication. It acts as an anti-ageing, firming and moisturising agent, where the stimulation of aquaporin (essential proteins for water circulation in the skin) synthesis provides optimal hydration benefits.

Amiporine® ER increases the production of collagen by reducing collagenases, responsible for skin tissue relaxation. Ideal for use in products for dry and dehydrated skin, mature skin, skin care, after-sun care and hair care (dry/ damaged).

Recommended usage level: 2 - 5%
**CERAFLUID**

(INCI: Olive Glycerides, Ceramide NP)

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

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

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

Recommended usage level: 0.5 - 2.5

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**Exo-T™**

(INCI: Butylene Glycol (and) Vibrio Alginolyticus Ferment Filtrate)

Exo-T™ has demonstrated a higher activity than Retinoic acid in the stimulation of desquamation markers. Exo-T™ is a potent inducer of differentiation markers; it protects the Collagen network and thus contributes to skin regeneration. Exo-T™ improves skin smoothness leading to an even skin complexion.

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%
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%

 Isoflavones 150

(INCI: Glycine Soja (Soybean) Germ Extract)

Isoflavones 150 contains 10-12% Soybean Isoflavones (Daidzin, Genistin, Glycitin and Aglucone) in a concentrated format. Especially designed for advanced anti-ageing (60+), it is a safe substitute for the female hormone, Oestrogen.

Isoflavones 150 reduces Collagen glycation to decrease wrinkles and improve elasticity whilst decreasing skin blood flow to reduce skin redness and calm sensitive skin. Ideal for mature and menopausal skin

Recommended usage level: 1 - 3%
Kollaren®

(INCI: Water (and) Dextran (and) Tripeptide-1)

Kollaren® is a biomimetic Peptide derived from a signal Peptide. Kollaren® increases the firmness of the skin by activating the Extracellular Matrix Proteins synthesis (Collagen, Elastin, Fibronectin and Laminin). With its tissue repair properties, Kollaren® encourages tissue renewal and restores the biomechanical properties of the skin.

Kollaren® is the perfect tool to fight the ageing process, reduce the appearance of sagging skin, wrinkles and other manifestations of skin ageing.

Recommended usage level: 1 - 10%

Macadamia Oil

(INCI: Macadamia Ternifolia Seed Oil)

Nourishing and emollient properties. Suitable for mature and devitalised skin.

Recommended usage level: up to 100%
MultiSal™ Asta

(INCI: Hydrolyzed Corn Starch Octenylsuccinate, Isostearyl Isostearate, Haematococcus Pluvialis Extract, Oryza Sativa (Rice) Hull Powder, Butyrospermum Parkii (Shea) Butter)

Delivery system containing Astaxanthin, which is a naturally occurring blood-red pigment (carotenoid) often found in microalgae.

Astaxanthin is a natural anti-inflammatory agent with potent antioxidant (6000 times stronger than Vitamin C!) properties. It offers anti-ageing effects to reduce wrinkles, degradation of skin elasticity, and age spots (liver spots).

Astaxanthin may inhibit age-related skin deterioration and maintain skin conditions associated with environmentally induced damage.

Recommended usage level: 5%

Padinami®

(INCI: Simmondsia Chinensis (Jojoba) Seed Oil (and) Padina Pavonica Thallus Extract)

Concentrated with brown seaweed extract, Padinami® is a high-tech moisturising, firming and plumping cosmetic active for mature skin. It helps improve the skin’s firmness and elasticity to provide a rejuvenating effect.

The active ingredients of Padinami® stimulate the natural synthesis of hyaluronic acid, one of the main components of the extracellular matrix, protecting the skin’s anti-wrinkle properties. Cellular communication is optimised for improved and faster skin regeneration.

The brown seaweed extract’s active ingredients also stimulate the synthesis of other glycosaminoglycans (GAG’s), which contribute to the retention of water molecules. By stimulating the synthesis of GAG’s, the skin regains all its elasticity and resistance.

Similarly, the optimisation of the skin’s overall hydration allows it to effectively fight signs of time and fatigue. The skin is firmer and more plump. Ideal for mature skin, contouring, regenerative, moisturising and anti-wrinkle products.

Recommended usage level: 1 - 5%
Pearlami

(INCI: Glycerin, Hydrolyzed conchiolin protein)

Extracted from water-soluble proteins of Tahitian black pearls, Pearlami is the jewel of mature, dull or tired skin. Rich in amino acids, water-soluble Tahitian black pearl protein extract provides regenerating benefits to mature, dull or damaged skin.

It works to reinforce the barrier function by hydrating the skin and protecting it against external irritants as well as improving the overall appearance of the skin by stimulating cell renewal making the complexion more radiant.

Pearlami is a 100% natural high-quality active ingredient. In accordance with Alban Muller’s approach to preserving the environment, the water-soluble Tahitian black pearl protein extract is derived from black pearls harvested through eco-responsible pearl farming.

Recommended usage level: 0.1 - 1%

Red Clay

(INCI: Kaolin)

Red Clay by Alban Muller International is a 100% natural product of mineral origin, as multi-action active ingredient and firming agent. Provides antiseptic, purifying, remineralising and seboregulating activities. Offers significant absorbent properties (for water, oil) and ion-exchange capacities.

Red Clay works best on mature and relaxed skin as anti-ageing product. Can also provide natural colour to cosmetic products according to their colour and dosage used.

Recommended usage level: Shampoos 1 - 5%; Emulsions 1 - 5%; Masks 10 - 40%; Deodorants 1 - 5%
RED CLAY ER

(INCI: Illite, Kaolin)

This COSMOS certified Red clay is composed of kaolin and illite-type clay. Its red color comes from its rich content in oxidized iron. It is attributed with soothing properties and virtues ideal for reducing diffuse redness of the skin and bringing luminosity to the complexion.

Recommended usage level: Shampoos 1 - 5%; Emulsions 1 - 5%; Masks 10 - 40%; Deodorants 1 - 5%

SalSphere® Natural Anti-Blemish

(INCI: Water, Butyrospermum Parkii (Shea) Butter, Propanediol, Cocamidopropyl Betaine, Citric Acid, Pentylene Glycol, Xanthan Gum, Bromelain, Caprylyl Glycol, Glycerin, Sodium Chloride, Euphorbia Cerifera (candelilla) wax, Copernicia Cerifera (Carnauba) Wax, Avena Sativa (Oat) Kernel Flour, Ethylhexylglycerin, Salix Alba (Willow) Bark Extract, Glycyrrhiza Glabra (Licorice) Leaf Extract, Chamomilla Recutita (Matricaria) Flower Extract)

Delivery of natural (89% natural) and botanical ingredients, suitable for sensitive skin, to treat blemishes such as any mark, spot, discoloration, or flaw that appears on the skin.

Dark spots can form from exposure to the sun. They’re most common in people over 50, but can also occur in younger people. Age spots are a type of hyperpigmentation. Melasma is a skin condition, identified by brownish patches, that is very common during pregnancy. It can be brought about by sun exposure and hormonal changes.

Recommended usage level: 5%
All Ages

AECTive®
(INCI: Ectoin)
A powerful pure molecule from a specific selected bacterial strain from cutting edge bio-fermentation technology. This postbiotic osmolyte works by balancing the skin microenvironment and maintaining homeostasis of the microbiota to help prevent acute environmental stress and boost moisturisation, elasticity and smoothness.

A new study on Acneic skin demonstrates a reduction in sebum production, lesions, comedones and a more even complexion compared with a dermatologist recommended market benchmark

Recommended usage level: 0.5 - 2%

Cytokalmine® ER
(INCI: Maltitol, Punica Granatum Bark/Fruit Extract)
Cytokalmine® ER consists of a dry extract of pomegranate pericarp (the skin of the fruit) stabilised on a plant-base maltitol base. The anthocyanins, ellagic tannins, hydrolysable tannins and high polyphenol content of dry extract of pomegranate pericarp provide Cytokalmine® ER with its antioxidant and anti-pollution properties.

Dry extract of pomegranate pericarp is also titrated in punicalagine, a very powerful antioxidant that combats inflammation and limits oxidative stress generated by the overproduction of free radicals.

The anti-inflammatory action of this active ingredient reduces the production of cytokines, helping to soothe sensitive, reactive or atopic skin.

Recommended usage level: 0.1 - 0.5%
**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%

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**EUK-134™**

(INCI: Ethylbisiminomethylguaiacol Manganese Chloride)

EUK-134™ is a highly purified molecule that mimics Superoxide Dismutase (SOD) and Catalase activities. It scavenges Superoxide free radicals, eliminates Hydrogen Peroxide (H2O2) and transforms ROS into water and Oxygen which are benefical for the skin and as a radio therapy treatment ingredient.

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

Recommended usage level: 0.01 - 0.05%
**Evicare® toco sun**

(INCI: Tocopherol)

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

Recommended usage level: 0.05 - 0.3%

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**IBR-AAC®**

(INCI: Hydrogenated Polydecene, Dunaliella Salina Extract)

Phytoene and phytofluene with ß-carotene from marine algal source for dazzling skin. Used in anti-ageing, comforting/soothing, anti-inflammatory, protection from sun, exposure damage, colour protection and free radical quencher.

Recommended usage level: 3%
IBR-CalmDeAge®
(INCI: Glycerin, Water, Phoenix Dactylifera (Date) Seed Extract)

IBR-CalmDeAge® is an aqueous extract from palm date seeds 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%

IBR-CLC® Concentrated in Squalane
(INCI: Squalane, Dunaliella Salina Extract)

IBR-CLC® Concentrated in Squalane by IBR acts as an anti-ageing, photo-aging, skin whitening, anti-oxidant and anti-inflammatory active. It is a colorless carotenoid for beauty inside and outside. It contains no preservative.

Protects against UV damage, photo oxidation and sunburn and prevents DNA damage. It evens skin tone by inhibiting melanin synthesis. Possess significant UV absorbance capacity. Protects and enhances the other active ingredients and their activity.

IBR-CLC® Concentrated in Squalane 0404 is used in anti-ageing, whitening skin care and sun care products.

Recommended usage level: 0.1 - 2%
**IBR-CLC® in Jojoba Oil**

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

IBR-CLC® in Jojoba Oil is a EcoCert-approved colorless carotenoid for beauty inside and outside. Contains no preservative. Protects against UV damage, photo oxidation and sunburn and prevents DNA damage.

Possess significant UV absorbance capacity. Protects and enhances the other active ingredients and their activity. Validated for use in natural and organic formulations. Used in anti-ageing, whitening skin care and sun care products.

Recommended usage level: 3 - 5%

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**IBR-TCLC®**

(INCI: Hydrogenated Polydecene, Solanum Lycopersicum (Tomato) Fruit Extract)

IBR-TCLC® is an aqueous serum obtained from tomato fruit to balance cell proliferation and optimise maturation. Acts as an anti-ageing, anti-oxidant, 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. Contains no preservatives.

Used in anti-ageing skin care, whitening, hair care and sun care products.

Recommended usage level: 0.1 - 2%
IBR-TCLC® in Jojoba Oil

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

IBR-TCLC® in Jojoba Oil by IBR is an aqueous serum obtained from tomato fruit to balance cell proliferation and optimise maturation. It acts as an anti-ageing, anti-oxidant, 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-TCLC® in Squalane

(INCI: Squalane, Solanum Lycopersicum (Tomato) Fruit Extract)

IBR-TCLC® in Squalane is an aqueous serum obtained from tomato fruit to balance cell proliferation and optimise maturation. Acts as an anti-ageing, anti-oxidant, 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. Contains no preservatives.

Used in anti-ageing skin care, whitening, hair care and sun care products.

Recommended usage level: 0.1 - 2%
**Inst’Tight™**

(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 long lasting effect throughout the day (up to 8 hours).

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

(INCI: Isopropyl Palmitate, Lecithin, Aqua, Acetyl Hexapeptide-1)

MelinOil™ is an oil-soluble version of a patented α-MSH biomimetic peptide. The smart lipophilisation technology used in MelinOil™ leads to a transparent micro dispersion of the peptide in an oil allowing its formulation into clear oil-based products.

MelinOil™ binds MC1-R both on melanocytes and keratinocytes to stimulate the natural skin defence system against sun and also stimulate melanin production in the hair bulb to reverse the signs of greying (hair and beards).

MelinOil™ acts effectively and simultaneously on melanogenesis to improve natural cell UV protection by melanin, on DNA repair to limit photo ageing and on the inflammatory cascade to soothe sun-ravaged skin.

Recommended usage level: 0.5 - 5%

**MultiSal® Vitamins C & E**

(INCI: Hydrolyzed Corn Starch Octenylsuccinate, Ascorbic Acid, Tocopherol, Hydrated Silica)

Vitamin C (L-Ascorbic Acid) is considered an anti-ageing powerhouse by skincare experts. It reduces wrinkles and fades dark spots to create younger-looking skin. Vitamin C also slows the damage caused by free radicals, which increase the development of wrinkles, fine lines, dryness, and damage.

Vitamin E is also known for blocking free radicals from the body, resulting in less wrinkles. MultiSal® Vitamins C and E (MS CandE) takes these two well-known antioxidants and puts them to work to repair skin damage, maintain healthy collagen, and speed up the skin’s natural repair systems.

MS CandE can be used in a wide variety of products, such as body powders, facial sticks, makeup, and more.

Recommended usage level: 10%

**Plerasan® Veil500**

(INCI: Aqua, Beta-glucan, Sericin)

Synergistic combination of beta-glucan and high molecular weight Sericin. This silky anti-pollution shield is designed to prevent extrinsic-induced ageing processes from pollution and blue light (PM2.5 and PM10).

Recommended usage level: 1%

**Superox-C™ AF**

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

Superox-C™ 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%
Vegan DDS Diosmin

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

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

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

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

Recommended usage level: 1 - 10%

Vegan DDS Ellagic

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

Ellagic Acid is a polyphenol extracted primarily from the pomegranate skin. The function of the Ellagic acid is to protect the pomegranate from UV radiation and microorganisms.

Ellagic acid has a strong antioxidant action that neutralises cell deterioration caused by free radicals which are in turn generated by contamination, tobacco smoke, UV light or IR radiation, all of which accelerate skin ageing. Its most significant property however, is that it has a large illuminating and homogenising effect on skin tone owing to its inhibitory action against melanogenesis. This is particularly indicated for yellowing skin and for people who smoke.

It is also protects collagen and elastin against enzymatic degradation thereby providing a considerable anti-premature ageing effect. Ellagic acid is encapsulated in INdermal’s Deep Delivery System (DDS) where 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%
Interested?
Then contact the Infinity team for more information:

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