

# INFINITY GREDIENTS

Inspiring Cosmetics

Fast Acting



## Fast Acting

With the internet revolution and advances in technology we all live in a forever faster spinning world, where everyone wants everything yesterday. This is no different when it comes to the cosmetic industry, with the rising use of numerous real-time social media platforms, consumers want to see results and fast.

When it comes to using a product for the first time, if results are not achieved within the hour or day the product is likely to find itself buried at the back of the cupboard or worst still in the bin, never to be used again. Instead, a new and perceived superior product is purchased to take its place.

So we at Infinity Ingredients have summarised the quickest acting actives from our range below to help make the process of selecting fast acting ingredients for briefs that little bit easier!

From 3 min up to 14 days we have it all! Read on to find out more.

## Anti-Inflammatory

### Actimilk™ Apricot

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

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

Recommended usage level: 1-5%

### Canadian Willowherb™ 5C PF

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

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

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

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

Recommended usage level: 1 - 3%

### Algaenia®

(INCI: Glycerin, Propanediol, Water, Chlamydomonas Acidophila Extract)

Bio-inspired active ingredient from a patented bio-enzymatic process. Peptides of chlamydomonas acidophila microalgae are sustainably sourced from France.

Algaenia provides a cocoon protection for sensitive skins by modulating inflammation against stresses and limits its visible effects. It protects against sensitisation and allergic reactions as well as providing moisturising and soothing properties.

Recommended usage level: 0.5 – 3%

### Drieline®

(INCI: Sorbitol (and) Yeast Extract)

Drieline® is a highly purified Yeast Polysaccharide extracted from Saccharomyces cerevisiae. This Yeast, reinforces the natural skin defence system as well as cell renewal. The Polysaccharide is obtained by an eco-friendly manufacturing process.

Ideal for anti-ageing and anti-microbial applications as well as the protection of Langerhan cells which are not protected by Melanin.

Recommended usage level: 0.5 - 2%

## Evicare® heat eco

(INCI: Vanillyl Butyl Ether)

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

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

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

Recommended usage level: 0.1-0.5%

## Neutrazen™

(INCI: Water (and) Butylene Glycol (and) Dextran (and) Palmitoyl Tripeptide-8)

Neutrazen™ is a true neurocosmetic specifically designed to prevent and reverse signs of neurogenic inflammation. Neutrazen™ is an innovative Tri-peptide linked to a lipid for optimal penetration and efficacy.

Neutrazen™ instantly calms and soothes irritated skin and helps to maintain and restore a normal skin sensitivity threshold. Ideal for laser treatment as reduces sensitivity and diminishes pain sensation.

Recommended usage level: Intensive treatment: 2.5% Preventive treatment: 1 to 2.5% Sensitive skin addition: 0.3 to 1%

## Hierogaline®

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

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

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

Recommended usage level: 0.2 – 2%

## Passioline®

(INCI: Passiflora Edulis Seed Oil)

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

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

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

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

Recommended usage level: 0.5 – 1%

## PHYTOSERENE

(INCI: Phytosterols)

PhytoSerene is an pure beta-sitosterol; a natural micro-nutrient plant lipid found in the cells and membranes of the Pine tree. Chemically, the material is very similar to cholesterol.

This plant sterol is different in its biological function and because humans do not synthesise sterols in the body, it is necessary to replace daily losses.

Phytoserene demonstrates the capacity to reduce skin redness after exposure to a chemical agent and to diminish TEWL by forming a protective barrier on the skin.

Recommended usage level: 0.5 - 2.5

## Tamzan Pepper™ C

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

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

Recommended usage level: 1-2%

## Plerasan® Re-balance

(INCI: Aqua, Beta-glucan)

A natural polysaccharide found in the cell wall of the oyster mushroom. This biologically active beta-glucan balances the skin defence system of sensitive skin whilst stimulating the skin repair process. It improves skin moisturisation whilst protecting the skin and boosting active ingredients.

Confirmed clinical effect in patients with mild to moderate eczema. Ideal for post-laser/peeling treatments, after shave, wound healing, after sun, baby care.

Recommended usage level: 2.0%

## Tazman Pepper™ AF

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

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

Recommended usage level: 1 - 2%

## Vegan DDS Diosmin

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

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

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

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

Recommended usage level: 1 - 10%

## Vegan DDS 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%

## Anti-Pollution

### Exo-P™

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

The Exossine™ line is composed of 3 exotic Polysaccharides from French Polynesia that provide long-lasting hydration, smooth skin texture and protect against pollution.

Exo-P™ is a natural active that chelates heavy metals, limits free radical activity and protects skin and hair from UV and pollutants (cigarette smoke, exhaust fumes etc.) thus limiting premature ageing, skin damage and sensitivity caused by urban pollution. PM2.5 is known as Particulate Matter with a diameter less than 2.5 µm which are suspended in smog and responsible for irritation, dryness, a dull complexion and premature ageing of the skin.

A NEW STUDY on hair has shown Exo-P™ protects fiber integrity to help maintain strong hair whilst providing shine.

Obtained by a proprietary blue technology biotechnology process, Exo-P™ is a sustainable solution that helps preserve natural resources.

Recommended usage level: 1 - 3%

### IBR-UrBioTect™ all natural

(INCI: Glycerin, Water, Inula Helenium Extract )

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

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

Recommended usage level:

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

## **α-Lupaline®**

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

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

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

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

Recommended usage level: 0.1 – 1%

## Anti-Wrinkle

### Actimp® Powder Bio

(INCI: Hydrolysed Lupin Proteins)

Lupine is a legume whose seeds are very high in protein and contain secondary oil and minor biologically active components. This plant is an important source of molecules for cosmetic and nutritional products. Actimp® Powder Bio is a concentrate of Lupine peptides obtained directly from the seeds, using a bio-enzymatic process patented by Laboratoires Expanscience.

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

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

Recommended usage level: 0.01 – 0.2%

### 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

### Borealine® Expert

(INCI: Glycerin, Acer Rubrum Extract)

Boréaline® 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.

Boréaline® 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%

### Corneopeptyl™

(INCI: Glycerin, Water, Hexapeptide-9)

Corneopeptyl™ is a patented peptide biomimetic to the LCE6A protein, obtained by green chemistry-based synthesis. It acts on the skin's surface to strengthen its natural barrier protection. Skin is empowered to tackle premature damage and ageing signs, for both the younger and older generations.

Key benefits include rebuilding the skin barrier 7 days, reducing the appearance of wrinkles and fine lines in 14 days, improving skin tonicity, smoothness and hydration in 28 days and making the skin appear 2 years younger in 28 days with just 1 application per day!

Recommended usage level: 0.1-1%

## IBR-Dormin® all natural

(INCI: Glycerin, Water, Narcissus Tazetta BulbExtract)

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

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

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

Recommended usage level: 0.5 - 2%

## Inst'Tight™ C

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

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

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

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

## 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%

## PrincipHYAL® Aurora

(INCI: Sodium Hyaluronate)

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

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

Recommended usage level: 0.2 - 1.0

## PrincipHYAL<sup>®</sup> Cube3

(INCI: Sodium Hyaluronate)

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

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

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

Recommended usage level: 0.5 - 1.0

## Riboxyl<sup>™</sup>

(INCI: Ribose)

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

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

Ideal for detox, relaxation and antiburn-out applications.

Recommended usage level: 0.5 - 1%

## 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 improve 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)

## 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%

## SWT-7™ H

(INCI: Maltodextrin, Swertia Chirata Extract)

SWT-7™ H is an ultra-hightech 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 biomimetic 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 biomimetic 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%

## Thymulen® 4

(INCI: Water (and) Dextran (and) Acetyl Tetrapeptide-2)

Thymulen® 4 is a Biomimetic Peptide derived from the youth hormone, Thymopoietin. It compensates the natural loss of Thymic factors related to the decline of the Thymus with age.

It increases the skin immuno-vigilance and helps it regenerate. By reinforcing the skin immune system and boosting skin regeneration, Thymulen® 4 is the best approach to fight the ageing process.

Recommended usage level: 2 - 10%

## Moisturisation

### Actimilk™ Apricot

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

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

Recommended usage level: 1-5%

### Actimilk™ Sweet Almond

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

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

Recommended usage level: 1-5%

### Actimilk™ Argan

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

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

Recommended usage level: 1-5%

### Effipulp®

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

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

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

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

Recommended usage level: 0.1 – 0.6%

## HYDROSELLA™

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

Osmo-hydration to fight against dry skin.

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

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

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

## 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

## Soline® Bio

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

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

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

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

Recommended usage level: 0.5 – 2%

## Skin Tone

### BOREALINE® AURORA

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

Boréaline® 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.

Boréaline® 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.

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

Boréaline® 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%

### Corneopeptyl™

(INCI: Glycerin, Water, Hexapeptide-9)

Corneopeptyl™ is a patented peptide biomimetic to the LCE6A protein, obtained by green chemistry-based synthesis. It acts on the skin's surface to strengthen its natural barrier protection. Skin is empowered to tackle premature damage and ageing signs, for both the younger and older generations.

Key benefits include rebuilding the skin barrier 7 days, reducing the appearance of wrinkles and fine lines in 14 days, improving skin tonicity, smoothness and hydration in 28 days and making the skin appear 2 years younger in 28 days with just 1 application per day!

Recommended usage level: 0.1-1%

## Lime Pearl™ AF

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

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

Recommended usage level: 1 - 2%

## Rosality™

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

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

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

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

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

## Vegan DDS Kojic

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

Kojic Acid is a natural active ingredient derived from the fermentation of Japanese sake which is produced from rice wine. Scientists observed that workers involved in the production of sake had very white hands and concluded that the whitening was due to the bleaching action of the koji fungus.

Kojic Acid acts on melanocytes by blocking the transformation of L-tyrosine which is an amino acid precursor to melanin. For this reason, it is used as an anti-pigment, tone homogeniser and whitener. It also has antibacterial and antifungal properties and works as an antioxidant in the prevention of premature aging.

By encapsulating Kojic Acid into INdermal's 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. 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 Multivitamin

(INCI: Aqua, Mannitol, Phosphatidylcholine, 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%

# Contact Us

Interested?

Then contact the Infinity team  
for more information:

T: 01344 354 900

E: [technical@infinity-ingredients.co.uk](mailto:technical@infinity-ingredients.co.uk)

W: [infinity-ingredients.co.uk](http://infinity-ingredients.co.uk)