

INFINITY INGREDIENTS

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

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%

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%

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%

PHYTOSERENE

(INCI: Phytosterols)

PhytoSerene is a 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

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%

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%

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

SEALIFT PF™

(INCI: Aqua, Chondrus Crispus Extract, Gigartina Stellata Extract, Pentylene Glycol)

SEALIFT PF™ is derived from a complex of two red seaweeds: Gigartina Stellata and Chondrus Crispus. It forms a protective film with immediate tensor effect. This film also limits the pollutant particles adhesion to the skin and improves their elimination during standardised rinsing water. Finally, it protects skin from transepidermal water loss insuring an optimal hydration.

Recommended usage level: from 2%

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

LIFTALIZE

(INCI: Spilanthes acmella flower extract, glycerin, alcohol)

Liftalize is a 100% sustainable plant-based active ingredient from the Amazon. Working as a natural Botox-like anti-ageing active, it acts directly on the dermis, inducing the synthesis of pro-collagen I, reorganising the proteins present in the skin's ECM, improving its dermal structure, reducing expression lines and leaving the skin renewed and firmer. Perfect for products focused on treating and preventing skin ageing and strengthening the extracellular matrix.

Recommended usage level: 1-3%

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 ne elastin, 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[®] 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

SEALIFT PF[™]

(INCI: Aqua, Chondrus Crispus Extract, Gigartina Stellata Extract, Pentylene Glycol)

SEALIFT PF[™] is derived from a complex of two red seaweeds: Gigartina Stellata and Chondrus Crispus. It forms a protective film with immediate tensor effect. This film also limits the pollutant particles adhesion to the skin and improves their elimination during standardised rinsing water. Finally, it protects skin from transepidermal water loss insuring an optimal hydration.

Recommended usage level: from 2%

Moisturisation

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%

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 PPAR α whilst reducing the quantity of inflammatory mediators. Two versions exist: Soline[®] and Soline[®] Bio.

Recommended usage level: 0.5 – 2%

Skin Tone

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
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