INFINITY GREDIENTS

Inspiring Cosmetics

Detoxifying and Anti-Pollution

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During a lifetime, the human body is exposed to a vast number of exogenous toxicants such as heavy metals, chemicals, endogenous toxins and free radicals on a daily basis. All of these alter cell metabolism and as a result accelerate cell ageing. In a bid to eliminate them, cells have evolved a complex detoxification system and an efficient anti-oxidative defence.

In cells, the detoxification process begins by firstly modifying the molecular structure of toxins so that they are water-soluble.

Our skin cells then use the P-glycoprotein transmembrane transporter, a magnesium-dependent efflux pump, to remove this harmful waste from cells to prevent its accumulation and consequent cellular ageing.

In addition to the free radicals already present in the environment, our cells also release a large amount of reactive Oxygen species (ROS) during the detoxification process. An excessive amount of ROS induces oxidative stress, which actively contributes to the ageing process. To defend itself against free radical damage, the body uses Glutathione, a free radical scavenger and major antioxidant.

So to preserve the youthfulness of our skin it is vital that we preserve the skins cellular purification system.

Ayuredi®

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

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

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

Recommended usage level: 1 – 3%

Beige Clay

(INCI: Montmorillonite)

Beige Clay is a natural silicate, complex of aluminium, iron and magnesium. Ideal for detoxifying, remineralising and soothing. Can also provide natural colour to cosmetic products.

Recommended usage level: 1 - 40%

Blueberry Butter®

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

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

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

Recommended usage level: 1-50% colour care; 1-3% nail care; 3-5% hair care; 5-10% skin and sun care.

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® Protect

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

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

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

Recommended usage level: 0.1 - 0.5%

Charcoal MicroPlant 50

(INCI: Charcoal powder)

Charcoal MicroPlant 50 is an activated charcoal obtained from the carbonisation of coconut shells. Coal has many cosmetic advantages. Detoxifying, absorbing, brightening, it is an ingredient regularly used in cosmetics in skincare (purifying masks, cleansing powders), bodycare (exfoliation, solid soaps), haircare (hair masks).

Recommended usage level: 1 - 100%

CYTOFRUIT® WATERS Clementine

(INCI: Citrus Clementina Fruit Extract)

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

Clementine offers refreshing, purifying and free radical scavenging properties.

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

Recommended usage level: 1 - 100%

CYTOFRUIT® WATERS Grapefruit

(INCI: Citrus Grandis Fruit Extract)

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

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

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

Recommended usage level: 1 - 100%

CYTOFRUIT® WATERS Kiwi

(INCI: Actinidia Chinensis Fruit Extract)

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

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

Thanks to the presence of oligo-elements, this CYTOFRUIT® 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%

DefensoWin™

(INCI: Ectoin)

A powerful pure molecule from a specific selected bacterial strain from cutting edge bio-fermentation technology.

This probiotic works by balancing the skin microenvironment to help prevent acute environmental stress whilst providing superior moisturisation and improving skin barrier function. Ectoin possesses excellent anti-acne properties and is clinically tested to provide high skin cell protection against osmotic stress.

Recommended usage level: 0.5 - 2%

Desert Harvest™ AF

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

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

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

Recommended usage level: 1 - 5%

Epionine® Bio

(INCI: Camellia oleifera seed extract)

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

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

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

Recommended usage level: 0.1 - 1%

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%

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%

Green Clay

(INCI: Montmorillonite)

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

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

Recommended usage level: 1 - 40%

Green Clay - Illite

(INCI: Illite)

Green Clay is recommended for products used to treat greasy hair and oily, acne-prone skin. Provides antiseptic, purifying, remineralising and seboregulating activities. Can also provide natural colour to cosmetic products.

Recommended usage level: 1 - 40%

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%

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

Number 6

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

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

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

Recommended usage level: 1 - 3%

OiLESS'city™

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

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

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

Recommended usage level: 1 - 2%

Organic Saccharina Water

(INCI: Saccharina latissima extract, Citric acid, Sodium benzoate, Potassium sorbate)

Coming from the Atlantic Ocean Saccharina is known in cosmetic for its purifying assets. Saccharina is ideal to protect the skin from external aggressions such as pollution, UV etc.

Organic Saccharina Water is obtained by evaporation and condensation of fresh Saccharina latissima and offers formulators the opportunity to replace water in formulations. It is also a perfect way to increase the organic percentage while saving earth's primary resources.

Recommended usage level: 1 - 100%

Organic Virgin Pomegranate Oil

(INCI: Punica Granatum Seed Oil)

Organic Virgin Pomegranate Oil contains 60% alpha-punicic acid, known for its calming and healing properties as well as vitamins E and F, to restore skin barrier and protect skin against UV and pollution. Ideal for atopic and mature skin, the eye contour, aftersun, after shave and after-depilatory products and products for dry hair.

Recommended usage level: 1-10%

Organic Virgin Raspberry Oil

(INCI: Rubus Idaeus Seed Oil)

Organic Virgin Raspberry Oil is made from by-products from the food industry. Rich in alpha and gamma-tocopherols, Vitamin A, Omega-3 and in particular, Omega-6, containing up to 60% linoleic acid. Ideal for sensitive, dry, tired or mature skins, it brings repairing and protecting properties and is also ideal to help reduce the effects of oxidative stress.

Recommended usage level: 1-10

Ormesia®

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

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

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

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

Recommended usage level: 1 – 3%

Rhassoul Clay

(INCI: Moroccan lava clay)

Rhassoul is a Moroccan lava clay, part of the Hammam rituals and is used in both skin and hair care. Unlike soap, Rhassoul cleanses without surfactant by naturally absorbing grease, sebum and impurities to purify the skin and hair.

Rhassoul Clay is ideal for formulating solid and powder cosmetic products such as, powdered face masks, cleansing pastes, powder cleansers, lotions, body wraps, scrubs, powdered shower gels, solid soap, shampoo bars, dry shampoo and hair masks.

Recommended usage level: 1-40%

Riboxyl™

(INCI: Ribose)

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

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

Ideal for detox, relaxation and antiburn-out applications.

Recommended usage level: 0.5 - 1%

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

WASTAR™ LAVENDER

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

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

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

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

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

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%

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%

Contact Us

Interested?

Then contact the Infinity team for more information:

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