

INFINITY GREDIENTS

Inspiring Cosmetics

Tanning



Tanning

Skin colour, which is dependent on the type and amount of Melanin present along with the number of active Melanocytes, is an important attribute of beauty. Asian cultures associate lighter and more even complexions with higher social status, compared to Western cultures for whom a tanned complexion is associated with a healthy glow.

Sadly there is no such thing as tanning safely in the sun. With growing consumer awareness of the damaging effects of the sun, the sunless tanning market is booming. The most popular method is by applying products containing DHA topically. The skin initiates a non-enzymatic Maillard (browning) reaction between the DHA and the commonly found Amino acids in the skin, namely Lysine, Glycine and Histadine. A brown complex known as Melanoidins is then formed.

Spray tanning and home self-tanning creams and lotions remain the most popular. There is also a growing market for tanning pills or the injectable peptide Melanotan, but these methods are not recommended and will not be covered in this document.

We can separate this market category into three sections; exfoliation to prepare the skin, tanning and finally moisturisation to preserve the tan for as long as possible.

Exfoliation

Eco Scrub Murumuru

(INCI: Astrocaryum murumuru seed powder)

Eco Scrub Murumuru represents a natural and sustainable alternative to the use of exfoliating synthetic polymers. The product has natural colouration without the addition of synthetic additives and brings all the benefits of the fruit to the exfoliation in the final formulation.

It is rich in lauric and myristic fatty acids, in addition to vitamin E constituent tocopherols. It can be used in gels for face and body, as well as liquid soaps, creams and bath lotions.

Recommended usage level: 0.1 - 1.5% liquid and bar soaps; 0.1 - 1% creams, lotions and gels

Tanning

Andiroba oil

(INCI: Carapa guaianensis seed oil)

Andiroba oil is composed of fatty acids: myristic, palmitic, stearic, oleic, linoleic and linolenic. Studies show its use as a natural insect repellent, anti-cellulite and the activation of melanin production (acting preventively in the appearance of gray hair). It also offers an anti-inflammatory and regenerative action.

Recommended usage level: 2 - 5% as phytocosmetic in creams and moisturisers, shampoos, conditioners, creams, lotions and gels. Creams/ lotions and repellents 1 - 5%

Lupine Oil

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

Lupine is a legume whose seeds are very high in protein and secondary oil. This plant is an important source of molecules for cosmetic and nutritional products.

Lupine oil is extracted from sweet white lupine seeds sustainably farmed in France. Low in lipids, the seeds produce a rare oil that provides a natural amber colour, due to the presence of β -carotenes (a known photoprotector), to formulations.

Lupine oil protects the skin from external aggressions thanks to its high content of carotenoids and vitamin E.

Recommended usage level: 0 – 100%

CARROT EXTRACT GNB

(INCI: Aqua, Glycerin, Daucus Carota Sativa (Carrot) Root Extract, Sodium Benzoate, Potassium Sorbate)

CARROT EXTRACT GNB is a water-soluble extract. Tan accelerator and extender. Facilitate tanning. Photoprotective. Anti-ageing. Hair and skin repairing. Emollient. Smoothing. Moisturising.

Recommended usage level: 0.5 – 5%

Mountain Pepper Leaf Cellular Extract

(INCI: Tasmanian lanceolata Leaf Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell. Extracted rapidly under high pressure, NATIVE EXTRACTS maintain the molecules’ natural integrity.

Committed to conscious manufacturing, Cellular Extracts are created using purified, deionised, rain-harvested water and less plant material than past processes to produce a natural True to Nature plant extract, that is water-wise, repurposes waste, traceable to source, transparent in composition.

Specially designed for sensitive skin to protect and reduce skin sensibility. Perfect for post-shave and sunburn brief's.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

SUNTAN ACCELERATOR PSP

(INCI: Aqua, Glycerin, Acetyl Tyrosine, Riboflavin, Potassium sorbate, Phenoxyetanol)

SUNTAN ACCELERATOR PSP enhances suntan and its intensity. Quicker and long-lasting tanning. Promotes the synthesis of melanin in the skin thanks to its high tyrosine and riboflavin content. It activates and boosts natural tanning, with an immediate and long-lasting effect.

Recommended usage level: 2 – 3.5%

TANOSITOL™ SPE

(INCI: Inositol)

TANOSITOL™ SPE is a novel plant active ingredient, which intensifies and prolongs skin tanning through an innovative mechanism based on the activation of second messengers involved in melanin synthesis, providing a longer lasting bronzing effect.

TANOSITOL™ SPE stimulates post-irradiation melanogenesis, thus accelerating the late phase of suntan providing a quicker, safer and longer lasting skin pigmentation.

Furthermore, it prevents cutaneous photo-ageing by increasing collagen I synthesis for a safer and more intense tan.

Recommended usage level: 0.05 – 0.1%

Moisturising

Blackberry Cellular Extract

(INCI: Rubus fruticosus Fruit Extract; Rubus fruticosus (Blackberry) Fruit Extract)

Delivering “true to nature” hydrophilic plant profiles. Cellular Extraction harnesses the species’ water-soluble blueprint of phyto-compounds and their derivatives (the entourage), in their synergistic relationships, as they exist in the cell.

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Reflected by their purple colouring, it is packed with anthocyanins, which publicly available studies have shown may have the potential to support skin from drying effects of the sun.

Recommended usage level: 0.5 – 1% concentrate; 1 – 5% dilution

Contact Us

Interested?

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