INFINITY GREDIENTS
Inspiring Cosmetics
Microbiome & Prebiotic

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These days, everyone's buzzing about skin health, and that not all microbes are the bad guys. Just like healthy bacteria are good for the gut, your skin's microbiota is too. The microbiota is made up of billions of microorganisms - like a bustling city: bacteria, fungi, and yeasts living on your skin's surface, keep things balanced and happy.

When your skin microbiota is in harmony (with the good guys outnumbering the bad), your skin glows, stays hydrated, and feels comfy. But when the balance tips, say hello to dry, irritated, ageing and dull skin.

With more consumers catching onto this skin-microbe love story, we're seeing a surge in product launches riding the prebiotic and microbiome-based ingredient wave.

But before diving into the fabulous actives we offer, let's quickly clear up the probiotic-prebiotic-postbiotic trio — they get confused a lot!

Probiotics: These are the living little helpers — like the friendly bacteria in your probiotic yoghurt, but for your skin. They bring the good vibes (and health benefits) when applied topically.

Prebiotics: These are the food for the good microbes, think sugars, fibres, and carbs that encourage the 'good bacteria' to thrive. We offer a fantastic range of ingredients packed with prebiotic power to help your skin's microbiota flourish.

Postbiotics: These are the by-products of our microbial friends such as enzymes, peptides, and other cool molecules they produce that can boost skin health.

Here's the best part: all the actives we offer fall under the prebiotic category. That means they don't add any live bacteria (so no worries about formulation stability).

They just feed the good bacteria already living on your skin, helping them grow strong and keep your skin microbiome happy.

Calybiota® Bio

(INCI: Glycerin, Water, Bombax Costatum Flower Extract)

Calybiota® Bio is an extract rich in polysaccharides of red Kapokier calyces, a tree sourced in Africa. Calybiota® Bio is COSMOS certified by Ecocert and is particularly recommended for personal care and intimate hygiene products.

A clinical study has demonstrated its protective role of the vaginal flora. This study revealed a prebiotic effect in this flora, showing a reduction in inflammation and feelings of discomfort, hydration of the intimate area and an improvement in sexual comfort.

Calybiota® Bio is also recommended for acne-prone, atopic/ eczematous or hypersensitive skin, as well as for deodorant formulas, limiting unpleasant odours. This active ingredient protects and maintains the balance of the skin microbiota.

Recommended usage level: 1 - 3%

EMotion® Glow

(INCI: Triolein, Glyceryl Dioleate)

EMotion® Glow is a rich nourishing emollient derived from upcycled olives from the food industry. It is quickly absorbed into the skin with film forming properties making it a good choice for dry and mature skin. EMotion® Glow has good spreadability and is non- tacky.

EMotion® Glow is excellent for pigment dispersion, whilst offering a glossy finish. EMotion® Glow is a microbiota friendly emollient.

EMotion® Glow is suitable for emulsions, body care and colour cosmetics.

Recommended usage level: 0.5-60%

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%

Ener-GY plus

(INCI: Citrus Limon Fruit Extract, Glyceryl Glucoside, Glycerin, Potassium Sorbate)

Ener-GY plus is your microbiota-friendly smiling skin energiser. Developed by enzymatic technology this glyceryl glucoside is in an upcycled and sustainable Mediterranean solvent matrix rich in fruit oligo-elements.

Ener-GY plus supports cell vitality by boosting mitochondrial biochemical pathways, increasing ATP production and boosting cell energy for an anti-fatigue effect.

Recommended usage level: 1%

EquiBiotics™ LA

(INCI: Maltodextrin, Lactobacillus)

EquiBiotics® LA is an active focused on skin microbiota and sensitive skin. It is a probiotic-derived ingredient obtained by L. acidophilus PBS066 integral-structure preservation.

As post-biotic ingredient, EquiBiotics® LA, is able to modulate the amount of TNF-alpha to enhance the skin barrier and balance the skin microbiota. These activities make it the perfect active for sensitive skin.

It is designed to take care of the epidermis, treating it as a complex ecosystem considering multiple variables, especially the skin microbiota and the cross-talk with the skin. It supports skin microbiota and sensitive skin through, enhancement of the skin barrier, modulation of the skin microbiota and modulation of the induction of inflammation.

Recommended usage level: 1%

EquiBiotics™ LRh

(INCI: Maltodextrin, Lactobacillus Ferment)

Probiotic-derived active ingredient obtained from L. rhamnosus LRH020 tyndallisation 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 defenses 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, skin relief treatments and intimate care where it rebalances microbiota, modulates pH, combats dryness and enhances skin barrier.

Recommended usage level: 0.5 - 2.0%

JADE ALGA™

(INCI: Aqua, Hydrolyzed Ulva Lactuca Extract)

JADE ALGA™ is a patented active ingredient composed of native ulvans coming from the green seaweed Ulva Armoricana. It is the only alga with “Shape Memory Technology”, allowing it to challenge the repeat cell deformations (contraction/expansion) induced by the tides. Jade Alga restores an optimal skin shape memory through the stimulation of Involucrin and Cornifin as well as its protective effect against the over production of Heme Oxygenase induced by pollutants. It also provides a soft enzymatic and chemical peeling (BHA) for skin radiance. A clinical study showed the reduction of intercellular spaces and the improvement of cellular cohesion, skin softness and satin effect.

Recommended usage level: 1-3%

PLANKTON THERMAL WATER

(INCI: Onsen-Sui, Sodium Benzoate, Potassium Sorbate)

PLANKTON THERMAL WATER is a warm thermal water coming from French Pyrenees. It is particularly rich in silica and selenium. Plankton Thermal Water is considered as a prebiotic and post-biotic with anti-inflammatory and anti-pollution activities.

Recommended usage level: 1-100%

PUREBLOME™

(INCI: Aqua, Propanediol, Glycerin, Bacillus Ferment, Pentylene Glycol, Levulinic Acid, Glyceryl Caprylate)

PUREBLOME™ redefines skincare for women in their blooming years.

This second ecosystem ingredient developed through the endophyte-based platform Triplobiome™ Technology, transfers the essence of this natural symbiosis directly to the skin.

PUREBLOME™ is a post-biotic ingredient derived from an endophytic bacterium found in hyssop. It purifies the skin and addresses the broad challenges of mature women with a triple efficacy approach that combines anti-acne and well-ageing benefits.

A holistic blend of psychological balance, physical renewal and sustainable production that offers modern mature women a way to reconnect with nature's wisdom for balance and rejuvenation.

Recommended usage level: 2%

Contact Us

Interested?

Then contact the Infinity team for more information:

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