

HOLISTIC PROGRAM
WITH MULTI-FUNCTIONAL PEPTIDES

TO BRIGHTEN HYPERPIGMENTATION
AND NORMALISE SEBUM PRODUCTION
AGAINST POST-INFLAMMATORY
HYPERPIGMENTATION
AND PREMATURE AGEING



SEBUMELAN H O L I S T I C

- Reduction of hyperpigmentation and post-inflammatory and acne scars
- Normalisation of sebum and antibacterial action
- Renewal of the skin barrier's microbiome
- Detoxification and removal of "zombie cells" from fibroblasts
- Effective protection and strengthening of the skin barrier

PHOTO-DYNAMIC METHOD PDT LASER LLLT / LED 650nm / 420nm,
THERMO METHOD, MICRO-NEEDLE METHOD, SONOPHORESIS, MANUALLY

EXCESSIVE SEBUM AND HYPERPIGMENTATION

Imbalanced sebum secretion is a major problem in oily, acne-prone and combination skin. Inflammation, enlarged pores and blackheads are common with these skin types. Such skin is less well supplied with blood, dull and often dry. It reacts quickly to stress, hormonal fluctuations and dietary changes.

POST-INFLAMMATORY PIGMENTATION

Excess sebum triggers the formation of inflammatory cells that enhance melanocyte production and increase post-inflammatory pigmentation. Epidermal inflammation stimulates melanocytes to increase melanin synthesis and to transfer pigment to the surrounding keratinocytes (epidermal melanosis). If the basal layer is damaged, the pigment i.e. melanin is released and then trapped by macrophages in the papillary dermis (dermal melanosis or pigmentary incontinence). The result is hyperpigmentation, pigmentation spots and uneven skin tone.

Melanocyte activity is variable – the production of increased amounts of pigment that absorbs and disperses rays is a defence response against the negative effects of reactive oxygen species on external and internal factors, and it is usually overexposure to sunlight that activates this response. It can also result in 'acquired' increased melanocyte reactivity being the cause of persistent post-inflammatory hyperpigmentation.

POST-ACNE HYPERPIGMENTATION AND SCARS

Post-acne hyperpigmentation is a common result of acne vulgaris, which occurs most often in the case of excessive bacterial colonisation, inadequate care and as genetically determined tendency. The result is often the appearance of scars and an imbalance in skin tone. Scars result from damage to the dermis. The most common form is atrophic scars in the form of visible defects like indentations on the skin's surface.

EFFECT OF THE SKIN'S CONDITION AND QUALITY ON THE FORMATION OF HYPERPIGMENTATION

Factors contributing to hyperpigmentation are nowadays regarded to include the state of the epidermal barrier, the age-related deterioration of the elastic fibres and the dermal-epidermal junction, which leads to the deterioration of the barrier's protective function against external factors including sunlight-induced damage and inflammatory damage. These hypotheses speak of a greater permeability of the barrier to these factors, including melanin, the formation of which is a response of the protective function of skin cells against damage.

SEBUMELAN H O L I S T I C

BRIGHTENING AND NORMALISING pH 4.5 PROGRAM TO REDUCE SYMPTOMS OF INFLAMMATORY CHANGES, POST-INFLAMMATORY HYPERPIGMENTATION AND POST-ACNE SCARS FOR OILY, ACNE AND COMBINATION SKIN

INDICATIONS

- problematic skin, oily, acne-prone, combination skin
- overproduction of sebum, enlarged pores and excessive shine
- post-inflammatory hyperpigmentation and acne scarring
- uneven skin tone and texture with enlarged pores
- erythema due to irritation, signs of bacterial inflammation
- signs of accelerated ageing and photoageing
- all skin phototypes, also for skin with a darker complexion

Effects

- reduction of post-inflammatory hyperpigmentation and acne scars
- regulation of impaired pigmentation
- normalisation of sebum secretion and reduction of pores
- anti-inflammatory and antibacterial effect
- removal of so-called 'zombie cells' from fibroblasts
- renewal and strengthening of the skin barrier microbiome
- reduction of signs of photoageing and evening out of the skin tone



SEBUMELAN HOLISTIC is a holistic program to brighten hyperpigmentation and normalise sebum.

The aim of the dermo-therapy is to reduce post-inflammatory hyperpigmentation and acne scars and to prevent the formation of new changes through the use of three peptides and an antibacterial renewal of the microbiome. Sebumelan Holistic rejuvenates the skin and counteracts pigmentary changes based on the innovative anti-ageing concept of senolytics, which improves the skin's regenerative capacity and eliminates ageing 'zombie cells' that cause inflammation and damage due to degradation, including collagen damage.

HOW DOES THIS DERMO-THERAPY WORK

SEBUMELAN HOLISTIC

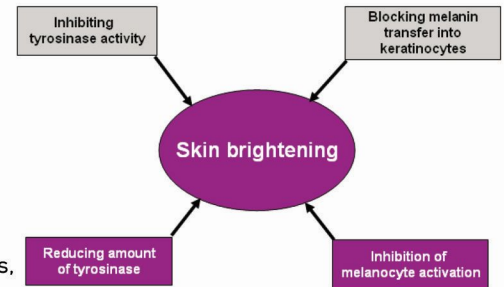
REDUCTION OF HYPERPIGMENTATION, RECONSTRUCTION OF SKIN AND REGENERATION OF THE MICROBIOME

MelanoBiome Matrix Peptide brightens hyperpigmentation and smooths post-acne scars. It visibly reduces the appearance of scars after only one month of use.

At the same time, it regenerates the skin microbiome to rebalance the barrier and stimulates its reconstruction. It slows down the growth of Cutibacterium acnes to avoid the formation of skin damage caused by inflammation. Giving a smoothing effect, it visibly reduces the unevenness of the skin surface, making it smooth and flawless.

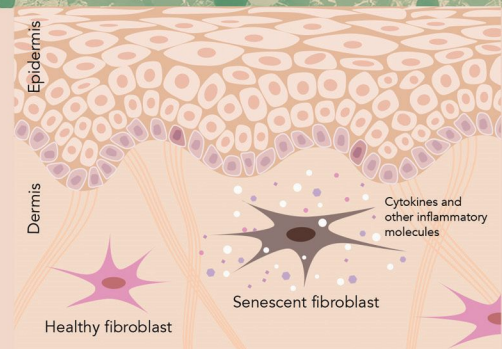
TYROSINASE INHIBITOR FOR THE REDUCTION OF HYPERPIGMENTATION

Bright Melanin Blocker Peptide, intensively brightens existing post-inflammatory hyperpigmentation and inhibits the formation of new pigmentary changes. It is a tyrosinase inhibitor and evens out the skin tone by inhibiting melanocyte activity. By intelligently influencing cell communication between melanocytes and keratinocytes, it blocks melanin transfer and reduces the formation of hyperpigmentation. The evening out of the skin tone is a result of the anti-inflammatory action of the peptide, which ultimately leads to a reduction in tyrosinase levels and inhibition of melanocyte activation.



NOVEL SENOLYTIC DERMOTHERAPY AGAINST PRO-INFLAMMATORY "ZOMBIE CELLS"

Senolytic Proteome Youth Extract – by acting senolytically without affecting healthy cells, it eliminates the so-called 'zombie cells'. These are senescent senile cells resistant to apoptosis, causing inflammation and degradative damage, accelerating the ageing of other surrounding cells. At the same time, it protects the structure of the proteome-forming proteins from oxidative damage (carbonylation) such as redness, signs of inflammatory changes, accelerated ageing with collagen degradation and loss of elasticity.



PROTECTION AND STRENGTHENING OF THE SKIN'S PROTECTIVE LAYER

The active formula contains an antibacterial and antioxidant peptide-based system Nisinoxid®. It has rejuvenating and regenerative properties with scientifically proven efficacy. It enhances the protection of the microbiome and skin barrier functions against the effects of inflammatory and oxidative damage.

THE LOWER SLIGHTLY ACIDIC pH of the products strengthens the skin's protective barrier against pathogens (harmful bacteria, fungi, moulds), and stimulates anti-inflammatory protection and enzyme activity. It is the first line of defence against bacteria, the effects of UV radiation and environmental pollutants.

MULTI-LEVEL MOISTURISATION thanks to the use of 3D hyaluronic acid. This unique formula contains three types of hyaluronic acid with different molecular weights. It has a moisturising effect on many levels of the skin, providing comprehensive care, maximum hydration and smoothing.

SEBUM NORMALISATION – reduction of pore size and skin shine thanks to the active ingredient Purevrin. It slows down the proliferation, differentiation and secretion of sebocytes.

BRIGHTENING AND ANTIOXIDANT INGREDIENTS promote skin brightening and even skin tone.

These include Australian cockatoo plum extract with a high standardised content of stable vitamin C, ascorbic acid and allantoin complex, and vitamin E.

CITRIC ACID PEELS enzymatic or dermabrasive for local exfoliation of hyperpigmentation and faster melanin removal. May be substituted with acid peels depending on the condition and sensitivity of the skin and how deep the source of hyperpigmentation is located.

LLLT LASER PDT / THERMO / MICRO-NEEDLES (do 0,5mm) (up to 0,5mm) are safe and non-invasive methods. In addition to stronger effects against hyperpigmentation, especially acne and atrophic scars, they rejuvenate the skin and repair its structure and stimulate metabolic processes. Do not use micro-needling methods in skin with active bacterial lesions.

BIO-CHROMOPHORES (650nm and 420nm)

developed by Chantarelle for photodynamic PDT LLLT LASER or LED treatments:

- red light 650nm – improves tissue metabolism, stimulates healing processes, stimulates fibroblasts, reduces wrinkles, increases cellular absorption of active substances contained in cosmetics
- violet light 420nm – regenerates irritated skin with signs of inflammatory changes.



GOALS OF SEBUMELAN HOLISTIC

- REDUCTION OF POST-INFLAMMATORY PIGMENTATION CHANGES regulation of melanogenesis – inhibition of tyrosinase activity
- SMOOTHING OF POST-INFLAMMATORY SCARS and skin imperfections from within, evening out the skin tone
- BLOCKING OF MELANOCYTE ACTIVITY thanks to anti-inflammatory action and blocking of transfer of melanin to keratinocytes
- NORMALISATION OF SEBUM PRODUCTION reduction of pores and symptoms of inflammation and anti-bacterial action
- REMOVAL OF 'ZOMBIE CELLS' FROM FIBROBLASTS and protection of protein structure
- RENEWAL OF COLLAGEN AND SKIN STRUCTURE strengthening of the skin barrier function and improvement of its integrity
- DETOXIFICATION AND REPAIR of damage caused by free radicals, smog, chemicals, bacteria
- SLIGHTLY ACIDIC pH 4.5 restoration of the acid-base balance of the skin, protection against pathogens
- STRONG MULTI-LEVEL MOISTURISATION in all skin layers

TREATMENT SCHEME

FACE AND DECOLLECTION SKIN TREATMENT

1. Remove make-up using **SPECIAL AESTHETICS** or **AGEMELAN** products.
2. Cleanse the skin with **SEBUMELAN** foam, wash off with water, tone the skin with **SEBUMELAN** toner.
3. Apply **SEBUMELAN** peel: enzymatic or granular scrub, then tone the skin. The enzymatic peel can also be applied using the **THERMO** method up to 42° C or by sonophoresis.

In combined therapies, you can use acid peels at this stage:

- We particularly recommend chemical laser peel **LLLT PDT** from the line **PLATINUM PEEL & CURE** – Retinologic or M-lactic acid 30% pH 3.5 or 40% pH 3.5
- In the case of strong acids, such as those from the M-acid group, it is important to keep in mind the possible inflammatory reaction that can cause an increase in pigmentation changes, especially with melasma, acne skin with scars, and a tendency to scarring.
- Please remember that any invasive treatment can lead to excessive melanin synthesis. Therefore, we recommend starting the treatment series with milder peels and moving to stronger ones in subsequent treatments.

3. **PDT Thermo serum pH 4,5 SEBUMELAN** Use a selected method to introduce:
Application: **PDT LASER LLLT/LED 650nm/525nm** or **THERMO** up to 42°C, micro-needle up to 0.5mm, by sonophoresis or manually.

4. Apply maskę **SEBUMELAN** mask for 15–20 minutes. It can be used under the plastic mask. Remove any excess with a cosmetic tissue, do not wash off.

5. At the end of the treatment, apply **SEBUMELAN SPF 25 UVA/UVB** day cream.

All products have pH 4.5.
Tone the skin every time after using water.

Frequency: 1 x week; number of treatments in one series: 5–8
Treatment duration: up to 60 minutes

IMPORTANT INDICATIONS

- Protection from sunlight required
- Systematic home skincare required



SEBUMELAN HOLISTIC PRODUCTS

The lower 4.5 pH of the products strengthens the skin's protective barrier against pathogens and damage.



CLEANSING FOAM pH 4.5 NORMALISING & BRIGHTENING, ANTI-ACNE SPOTS & SCARS, ANTI-BACTERIAL & ANTI-INFLAMMATORY, WITH MULTIFUNCTIONAL PEPTIDES & CITRIC ACID

It normalises and reduces sebum secretion through its anti-inflammatory and antibacterial action. It protects the skin microbiome from adverse factors. It promotes skin reconstruction after inflammatory damage, smoothing the skin. CD0126 200ml

MelanoBiome Matrix Peptide, Nisinioxid®, citric acid, Allantoin VC, marigold extract



TONER pH 4.5 NORMALISING & BRIGHTENING, ANTI-ACNE SPOTS & SCARS, ANTI-BACTERIAL & ANTI-INFLAMMATORY, WITH MULTIFUNCTIONAL PEPTIDES & HYALURONIC ACID 3D

It helps maintain the correct pH to strengthen the protective function of the barrier. It normalises and reduces sebum secretion. It brightens the skin tone, hyperpigmentation and acne scars, while rejuvenating the skin by providing regenerative and antioxidant ingredients. It reduces pore size and skin shine. CP0226 500ml, CD0226 200ml

MelanoBiome Matrix Peptide, Nisinioxid®, Purevrin, Allantoin VC, 3D hyaluronic acid



THERMO

THERMO ENZYME PEEL WITH CITRIC ACID pH 4.5, NORMALISING & BRIGHTENING, ANTI-ACNE SPOTS & SCARS, ANTI-BACTERIAL & ANTI-INFLAMMATORY

It thoroughly cleanses the skin of dead skin cells, brightens and evens out the skin tone, and prepares the skin for the penetration of active substances

Application: THERMO up to 42 degrees. C or by sonophoresis or manually. CP0420 200ml

Keratoline™, citric acid, Nisinioxid®, Superox-C™, avocado oil, vitamin E



ENZYME PEEL WITH CITRIC ACID pH 4.5, NORMALISING & BRIGHTENING, ANTI-ACNE SPOTS & SCARS, ANTI-BACTERIAL & ANTI-INFLAMMATORY

It thoroughly cleanses the skin of dead skin cells, brightens and evens out the skin tone, and prepares the skin for the penetration of active substances. CD042050 50ml

Keratoline™, citric acid, Nisinioxid®, Superox-C™, avocado oil, vitamin E



CITRIC SCRUB PEEL pH 4.5 NORMALISING & BRIGHTENING, ANTI-ACNE SPOTS & SCARS, ANTI-BACTERIAL & ANTI-INFLAMMATORY

It thoroughly cleanses the skin of dead skin cells and prepares the skin for the penetration of active substances.

The peeling has a holistic regenerating and rejuvenating effect. It regulates sebum levels, brightens the skin tone and acne discolorations, and at the same time helps to deliver regenerating and antioxidant ingredients to the skin. CP0421 200ml

Orangebrasion, sapphire powder, citric acid, Nisinioxid®, marigold extract, avocado oil, Shea butter, vitamin E, beeswax



MICRO THERMO PDT

PDT THERMO SERUM pH 4.5 NORMALISING & BRIGHTENING, ANTI-ACNE SPOTS & SCARS, ANTI-BACTERIAL & ANTI-INFLAMMATORY, WITH TYROSINASE INHIBITORY PEPTIDES AND SENOLYTIC ZOMBIE CELLS DETOX

Intensive senolytic peptide-based serum that brightens post-inflammatory and acne hyperpigmentation and evens out the skin tone. It normalises sebum for simultaneous antioxidant and anti-inflammatory skin renewal. It inhibits tyrosinase and blocks melanin transfer. It has antibacterial, anti-acne and anti-inflammatory properties. It also protects the microbiome and bacterial flora. Thanks to its senolytic action, it removes the so-called 'zombie cells' from fibroblasts. At the same time, it protects the structure of the proteome-forming proteins from oxidative damage such as redness, inflammatory changes, accelerated ageing, including collagen damage.

Application: PDT LASER LLLT / LED 650nm / 420nm or THERMO up to 42 degrees. by micro-needle method up to 0.5 mm, or by sonophoresis or manually, CP1895 30ml

MelanoBiome Matrix Peptide, Bright Melanin Blocker Peptide, Senolytic Proteome Youth Extract, Nisinioxid®, 3D hyaluronic acid, Purevrin, Allantoin VC, Superox-C™, marigold extract, vitamin E, bio-chromophores



MASK pH 4.5 NORMALISING & BRIGHTENING, ANTI-ACNE SPOTS & SCARS, ANTI-BACTERIAL & ANTI-INFLAMMATORY, WITH MULTIFUNCTIONAL PEPTIDES & HYALURONIC ACID 3D

The mask regulates and reduces sebum secretion, protects the skin microbiome from inflammatory factors, promotes skin reconstruction after inflammatory damage, smoothing the skin. It reduces pores and blackheads while moisturising and regenerating the skin by providing restorative and antioxidant ingredients. It helps reduce pore size and skin shine. The lower 4.5 pH of the products strengthens the skin's protective barrier against pathogens and damage. CP0858 200ml

MelanoBiome Matrix Peptide, Nisinioxid®, Purevrin, Superox-C™, Allantoin VC, 3D hyaluronic acid, horse chestnut extract, avocado oil, musk rose oil, corn oil, vitamins A, E, H, B₅, B₇, inositol, Shea butter



NORMALISING & BRIGHTENING, MATTIFYING DAY CREAM SPF25 UVA/UVB pH 4.5, ANTI-ACNE SPOTS & SCARS, ANTI-BACTERIAL & ANTI-INFLAMMATORY, WITH TYROSINASE INHIBITORY PEPTIDES AND SENOLYTIC ZOMBIE CELLS DETOX

The day cream lightens post-inflammatory and post-acne hyperpigmentation and evens out the skin tone thanks to peptide tyrosinase inhibitors. It normalises sebum production, reduces pore size and skin shine. It promotes skin reconstruction after inflammatory damage and has anti-oxidant properties. It removes from fibroblasts the so-called 'zombie cells', which cause inflammation and degradative damage. It produces the skin matt, silky smooth and with even tone. CD1473 50ml

MelanoBiome Matrix Peptide, Bright Melanin Blocker Peptide, Senolytic Proteome Youth Extract, Nisinioxid®, Purevrin, Superox-C™, Allantoin VC, 3D hyaluronic acid, marigold extract, avocado oil, vitamin E, UVA/UVB filters



NORMALISING & BRIGHTENING NIGHT CREAM pH 4.5, ANTI-ACNE SPOTS & SCARS, ANTI-BACTERIAL & ANTI-INFLAMMATORY, WITH CITRIC ACID, TYROSINASE INHIBITORY PEPTIDES AND SENOLYTIC ZOMBIE CELLS DETOX

Thanks to peptide tyrosinase inhibitors, the night cream brightens hyperpigmentation and acne scars. It reduces skin imperfections from within and promotes skin reconstruction after inflammatory damage. It has antioxidant, antibacterial and anti-inflammatory properties. It regulates sebum secretion, reduces pores and blackheads. It has a detoxifying effect on the skin, i.e. a senolytic removal of pro-inflammatory so-called 'zombie cells' from fibroblasts. The formula strengthens the epidermal barrier, rejuvenates the skin and moisturises on multiple levels. CD1474 50ml

MelanoBiome Matrix Peptide, Bright Melanin Blocker Peptide, Senolytic Proteome Youth Extract, Nisinioxid®, citric acid, Superox-C™, Allantoin VC, 3D hyaluronic acid, marigold extract, horse chestnut extract, avocado oil, musk rose oil, corn oil, vitamins A, E, H, B₅, B₇, inositol, Shea butter



SERUM pH 4.5 NORMALISING & BRIGHTENING, ANTI-ACNE SPOTS & SCARS, ANTI-BACTERIAL & ANTI-INFLAMMATORY, WITH TYROSINASE INHIBITORY PEPTIDES AND SENOLYTIC ZOMBIE CELLS DETOX

Innovative peptide-based senolytic, normalising and anti-bacterial serum. It brightens post-inflammatory and post-acne hyperpigmentation and evens out the skin tone. It inhibits tyrosinase and blocks melanin transfer. It has a senolytic action, which means that it removes the so-called 'zombie cells' from fibroblasts. They are senescent senile cells, causing inflammation and degradative damage, accelerating the ageing. It also has anti-acne and anti-inflammatory properties and regulates sebum secretion. It supports the protective function for the skin microbiome. The formula strengthens the epidermal barrier, rejuvenates the skin and moisturises the skin on multiple levels. CD120930 30ml

MelanoBiome Matrix Peptide, Bright Melanin Blocker Peptide, Senolytic Proteome Youth Extract, Nisinioxid®, Purevrin, Allantoin VC, Superox-C™, 3D hyaluronic acid, marigold extract, vitamin E

ACTIVE INGREDIENTS

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MELANO BIOME MATRIX PEPTIDE

a multifunctional, brightening peptide to reduce acne-induced skin hyperpigmentation. It soothes irritation, reduces skin redness and evens out the skin tone. It promotes skin reconstruction and thus visibly reduces inflammation marks. It strengthens the skin barrier and stimulates epidermal renewal by regulating keratinisation. It stimulates the production of hyaluronic acid by increasing skin hydration. At the same time, it regenerates the skin microbiome. It visibly reduces the appearance of scars after only one month of use. It visibly reduces skin imperfections, making the skin soft and flawless.

BRIGHT MELANIN BLOCKER PEPTIDE

a rejuvenating peptide to correct age spots and pigmentation disorders. It is a tyrosinase inhibitor - it inhibits the synthesis and activity of tyrosinase, which reduces the formation and accumulation of melanin in the epidermis. The intelligent skin brightening mechanism that reduces melanin transfer is a result of the anti-inflammatory action of the peptide. It brightens existing hyperpigmentation and inhibits the formation of new hyperpigmentation changes. Thanks to its anti-inflammatory action, it evens out uneven skin tone and reduces redness. It is effective in all skin types, including phototypes V-VI.

SENOLYTIC PROTEOME YOUTH EXTRACT

is extracted from the leaves of Swiss Alpine rose. It gives a powerful skin rejuvenation effect based on the innovative concept of using senolytics in anti-ageing therapies. It improves the skin's regenerative capacity, eliminates senescent "zombie cells" that cause inflammation and degradation-related damage. It protects the structure of proteome-forming proteins from damage (carbonylation) caused by reactive oxygen species (ROS). It visibly reduces redness and improves skin elasticity.

NISINOXID®

proprietary anti-bacterial and anti-oxidant peptide system developed by the Chantarelle experts. It has rejuvenating and regenerative properties and has been scientifically proven to be efficacious against Gram-positive and Gram-negative bacteria, moulds and fungi. It counteracts aggressive free radicals and the effects of damage, including hyperpigmentation.

PUREVRIN

it combines the effects of oleic acid from the root of the Loveyly hemsleya plant and an extract from the African tree Enantia chlorantha rich in protoberberines. It normalises sebum production, reduces pore size and skin shine. It slows down the proliferation, differentiation and secretion of sebocytes.

SUPEROX-C™

Australian cockatoo plum extract with a high standardised content of stable vitamin C, which is resistant to high temperatures. It enhances the synthesis of vitamin C transporters (SVCT-1), which makes the transport of the vitamin into the deeper layers of the skin more efficient and results in more effective absorption. It increases the antioxidant defence of cells to better protect the skin against oxidative stress.

ALLANTOIN VC

- a complex of ascorbic acid and allantoin. It combines the brightening, antioxidant and anti-ageing effects of vitamin C with the soothing and moisturising effects of allantoin. The complex protects the skin against free radicals and UV damage.

CITRIC ACID

its primary action is to exfoliate and effectively improve skin parameters. Citric acid stimulates the production of procollagen (precursor of collagen) and improves the condition of the dermis and living layers of the epidermis. It increases skin firmness by increasing GAG (glycosaminoglycans) levels.

3D HYALURONIC ACID

a unique formula that contains three types of hyaluronic acid with different molecular weights. It effectively moisturises the skin on many levels, providing comprehensive care, maximum hydration, smoothing, and protection.

The formula includes the following EXFOLIATING INGREDIENTS: KERATOLINE™, ORANGEBRASION AND SAPPHIRE POWDER.

THE ACTIVE FORMULA IS ALSO COMPLEMENTED WITH: MARIGOLD AND HORSE CHESTNUT EXTRACTS, SHEA BUTTER, AVOCADO, ROSE MUSK AND CORN OILS AND VITAMINS A, E, B₅, B₇.

BIO-CHROMOPHORES

are of plant origin and were developed by Chantarelle experts. They are components of photosensitive formulations for PDT LASER or LED photodynamic therapies. They have a special ability to absorb light of a specific wavelength. When applied to the skin area, they maximise the efficiency of the metabolism and the absorption of the active ingredients contained in the formulations.

