

No. 43 AUGUST 2017

ALWAYS

ACTIVE

HL PROFESSIONAL SKINCARE

REHABILITATE THE
SKIN POST SUMMER

DERMALIGHT -
NEW FROM HL

THE REASONS
FOR SKIN
HYPERPIGMENTATION

HOW TO REHABILITATE THE SKIN AFTER THE SUMMER DAMAGES



When the summer tan begins to fade, the damages the summer sun caused to the facial skin and the décolletage, the most prominent of which are the pigmentation spots, become more salient. This is the ideal time to treat these phenomena using active ingredients that contribute to the rejuvenation and rehabilitation of the skin. The studies on the subject of treating sun damages have led to the development of effective treatments for the regeneration and rehabilitation of the facial skin.

PEELS WITH ALPHA HYDROXY ACIDS AND BETA HYDROXY ACIDS

The peeling treatments that are based on the alpha hydroxy acids and the beta hydroxy acids performed in the beauty salon have become increasingly popular over the last decades. At the beauty salon, these treatments are defined as medium to superficial, and are based on a series of several treatments.

The alpha hydroxy acids enable reaching impressive results in the treatment of sun damages and the rejuvenation of the skin. These acids break the cellular bond and enable the exfoliation and dissolving of dead skin cells. As a result, the skin undergoes a natural process of regeneration, and the layers that were removed are replaced with new skin cells. In addition, it has been found that these acids operate to increase the production of the collagen and elastin in the depths of the skin, and also encourage the production of other important skin components such as hyaluronic acid.

The beta hydroxy acid is also called salicylic acid, since it essentially constitutes a derivative of acetylsalicylic acid - the active ingredient in Aspirin. As such, it is endowed with anti-inflammatory properties. Moreover, since it is fat soluble, it can penetrate the skin pores that contain fat and exfoliate the dead skin cells that accumulate in them and clog them. These characteristics make it especially efficient for use in oily skin with comedones and pimples.

RETINOL

Retinol is a derivative of vitamin A. In recent years,

this substance has been considered as one of the most effective cosmetic components, alongside the alpha and beta hydroxy acids, which can repair skin damages that stem from exposure to the sun and lighten sunspots. The retinol, which is authorized for use in cosmetic products and paramedical cosmetic products, discomposes in the skin and transforms into retinoic acid, which operates on the skin cells. Studies have found that, as early as one month after applying a product that contains a concentration of 0.1% retinoic acid, there is a dramatic decrease of more than 80% in the amount of the age spots, as well as a general lightening of the skin.

REPAIR ENZYMES

In recent years, new studies have revealed that unique enzymes found in the skin operate to repair the damages caused by the radiation of the sun. These enzymes, called photolyase enzymes, repair the damage to the DNA helix and restore its original shape. Moreover, additional studies have found that the dermal application of DNA repair enzymes can reverse the damage caused by the free radicals as a result of the exposure to the UV radiation. Today, the repair enzymes are a key component in innovative cosmetic products, and they prevent and repair the damages caused to the skin by the exposure to the sun, and thus operate to normalize the cells and improve the skin. In addition, these products stimulate the natural repair mechanisms in the skin cells.

VITAMIN C

This water soluble antioxidant, is one of the central antioxidants in nature, and it fills an essential role in neutralizing the damages to the skin caused by the free radicals. Moreover, vitamin C fills an important part in the production of the collagen and elastin, and has an important potential in the inhibition, and even reversal, of the damages caused to the skin by the sun's radiation. And indeed, studies have proven that the application of the vitamin onto the skin enables the protection of the skin from the sun's damages and even rehabilitates the collagen and elastin fibers, repairs existing damages and

reduces pigmentation spots.

KOJIC ACID

An acid produced by fungi, such as *Penicillium* or *Aspergillus*, which also constitutes a by-product in the fermentation process of malting rice or the manufacturing process of sake — the Japanese rice wine. The kojic acid inhibits the production of melanin by reducing the efficiency of the tyrosinase enzyme—an enzyme that accelerates and encourages the production of the melanin during the exposure to the sun.

AZELAIC ACID

The azelaic acid also inhibits the tyrosinase enzyme, and when it is combined with kojic acid it assists in achieving a quicker result in the impediment of the melanin and the reduction of the spots.

MANDELIC ACID

An aromatic alpha hydroxy acid, which has antibacterial properties, encourages the regeneration of the cells and lightens hyperpigmentation. As a result, the evenness of the skin complexion improves, and the skin becomes brighter and looks more radiant. An important advantage of mandelic acid is that it is also suitable for people with sensitive skin and for those who have dark skin.

VITAMIN B3 (NIACINAMIDE)

This vitamin operates to decrease the production of the melanin through a different route — by inhibiting the passage of melanocytes into the keratinocyte cells. In addition, it is known for its ability to cleanse, moisturize, rejuvenate the skin and encourage the growth of cells.

ARBUTIN

Arbutin is a plant derivative of hydroquinone, produced from bearberry leaves, cranberries, blueberries and similar plants, and it also efficiently impedes the production of the melanin by inhibiting the tyrosinase enzyme.

NEW!

DERMALIGHT



Environmental damages and the sun's radiation influence our skin's health. Among other things, these damages cause the appearance of dark spots on the skin. These spots are created due to an increased production of melanin - a pigment that determines the skin color. The melanin's role is to protect the skin from the sun's radiation and to filter the damaging rays. The melanin molecules absorb the sun's ultraviolet radiation, and thus protective layer is created on the skin. The longer and more accumulative the exposure to the sun is, the more the spots and hyperpigmentation areas multiply and become permanent and more visible.

Additional factors that influence the formation of hyperpigmentation spots are skin inflammations and injuries, hormonal changes (pregnancy or birth-control pills), stress, illnesses and medications that influence the production of melanin.

The need for products that operate to lighten the hyperpigmentation spots prompted HL to develop a therapeutic and innovative product line for lightening spots and hyperpigmentation.

The **DERMALIGHT** product line operates with great efficiency to brighten hyperpigmentation spots and lighten the skin, it is based on especially active ingredients: kojic acid, azelaic acid, mandelic acid, vitamin C and arbutin that grant visible results.

IN PRACTICE

The combination of lightening ingredients, with additional actives significantly increases the efficiency of the treatment and contributes to the lightening of the skin and the creation of an even complexion.

THE RESULT

- Lightening of hyperpigmentation spots
- Reducing age spots and melasma
- Preventing the formation of new skin dark spots
- Creating an even complexion
- Radiating healthy skin

The **DERMALIGHT** product line is designated for skin with pigmentation spots and an uneven complexion.

DERMALIGHT PRODUCTS

DERMALIGHT CLEANSER

Cleansing lotion for the thorough cleansing of the facial skin, maintains the skin's moisture level, acts to lighten and even the skin tone.

Key actives: Sodium Ascorbyl Phosphate, Niacinamide, Olive Fruit Oil, Sweet Almond Oil, Macadamia Seed Oil

128113 | 250 ml e 8.5 fl oz



DERMALIGHT ILLUMINATING SERUM

Active illuminating serum with Mandelic Acid, Arbutin, Azelaic Acid and vitamin E. Smooths and lightens hyperpigmentation spots, rejuvenates the skin resulting in a bright, glowing and unified complexion.

Key actives: Arbutin, 4-Butylresorcinol, Azelaic Acid, Mandelic Acid, Sodium PCA, Tocopherol, Silybum Marianum Fruit Extract

128078 | 30 ml e 1 fl oz



DERMALIGHT ACTIVE ILLUMINATING CREAM

Active illuminating cream enriched with a plant extracts complex to soften the appearance of hyperpigmentation spots and brighten the skin. The cream contains Kojic Acid, Vitamins B3 and C, that contribute to the illumination of the skin, protects from climate damage and bestows a uniform, bright and healthy skin tone.

Key actives: Sodium Ascorbyl Phosphate, 4-Butylresorcinol, Kojic Acid, Niacinamide, Saxifraga Sarmentosa Extract, Vitis Vinifera (Grape) Fruit Extract, Morus Bombycis Root Extract, Scutellaria Baicalensis Root Extract

128057 | 50 ml e 1.7 fl oz



DERMALIGHT DARK CIRCLE CORRECTIVE EYE CREAM

Eye cream enriched with caffeine and quinoa seed extract, operates to minimize the look of puffiness, under eye bags and dark circles. Contains copper complex and vitamin C to smooth wrinkles and grant a uniform, radiant appearance.

Key actives: Caffeine, Sodium Ascorbyl Phosphate, Niacinamide, Chenopodium Quinoa Seed Extract

128039 | 15 ml e 0.5 fl oz



DERMALIGHT

DARK CIRCLE CORRECTIVE EYE CREAM WITH MAKE-UP

Eye cream enriched with caffeine and quinoa seed extract, operates to minimize the look of puffiness, under eye bags and dark circles. Contains copper complex and vitamin C to smooth wrinkles and grant a uniform, radiant appearance.

Key actives: Caffeine, Sodium Ascorbyl Phosphate, Niacinamide, Chenopodium Quinoa Seed Extract

128029 | 15 ml e 0.5 fl oz



DERMALIGHT

LIGHTENING MASK

Lightening mask based on a plant extract complex, vitamin B3 and vitamin C, illuminates the skin for a luminous, healthy looking skin.

Key actives: Oryza Sativa Starch, Niacinamide, Sodium Ascorbyl Phosphate, Titanium Dioxide, Morus Bombycis Root Extract, Scutellaria Baicalensis Root Extract, Saxifraga Sarmentosa Extract, Vitis Vinifera (Grape) Fruit Extract

128083 | 250 ml e 8.5 fl oz

128087 | 50 ml e 1.7 fl oz



DERMALIGHT

ILLUMINATING BOOSTER

Professional massage cream, helps illuminate and unify the skin. For optimal results it is recommended to combine with DERMALIGHT ILLUMINATING SERUM.

Key actives: Panthenol, Undecylenoyl Phenylalanine

128154 | 100 ml e 3.4 fl oz



DERMALIGHT

ILLUMINATING PEEL

Unique and powerful peel, lightens hyperpigmentation spots contains Alpha Hydroxy, Mandelic and Salicylic acid which regenerate the skin, promote cell turnover and bestow bright, even appearance.

Key actives: Glycolic Acid, Lactic Acid, Citric Acid, Salicylic Acid, Mandelic Acid, Sodium Lactate, Undecylenoyl Phenylalanine

128164 | 100 ml e 3.4 fl oz



THE DERMALIGHT PROFESSIONAL PROTOCOL

Remove any make-up with **EYE & LIP MAKEUP REMOVER**.

1 - INITIAL CLEANSING

Cleanse with **DERMALIGHT** CLEANSER, massage thoroughly for 2-3 minutes and rinse with water. Pat dry the skin.

2 - PEELING

Apply a uniform layer of **DERMALIGHT** ILLUMINATING PEEL with a cosmetic brush on the face, including the neck. Avoid the eye contour area. Wait 10 minutes and rinse with lukewarm water. Pat dry the skin.

Note: The peel might cause a slight tingling sensation it is recommended to prepare the client before applying the product.

3 - SECOND PEELING

Apply a uniform layer of **WHITE PEEL**, place water-soaked cloth compresses over the peeling to activate the enzymes in the peeling. Leave on for 7-10 minutes and remove thoroughly with a moist cloth. Pat dry the skin.

4 - MASSAGE

Apply 2-3 drops of **DERMALIGHT** ILLUMINATING SERUM and pat gently into the skin.

Add **DERMALIGHT** PROFESSIONAL BOOSTER and proceed with the facial massage for 10-15 minutes.

Add the serum and booster as necessary during the massage.

Do not rinse the skin at the end of the massage.

5 - MASK

Apply an even layer of the **DERMALIGHT** LIGHTENING MASK, leave on for 15 minutes and rinse thoroughly with plenty of water. Pat dry the skin.

6 - TREATMENT COMPLETION

Apply 3-4 drops of and **DERMALIGHT** ILLUMINATING SERUM tap and allow until absorption.

Follow with **DERMALIGHT** DARK EYE CORRECTIVE EYE CREAM in tapping motions around the eye contour area.

7 - Follow with AGE DEFENSE CC CREAM SPF 50 before sun exposure.

DURATION OF TREATMENT: 60-75 minutes

TREATMENT SESSIONS:

Fitzpatrick Scale 1-3: 4-6 treatment sessions, 10-14 day intervals, recommended to follow with monthly treatments at the clinic.

Fitzpatrick Scale 4-6: 1-2 treatment sessions, after 6-8 weeks and it recommended to conduct further sessions if necessary.

It is necessary to follow the professional treatments with home care regimen in order to guarantee an improvement in the lightening of Hyperpigmentation spots and uniformity of the skin.



DERMALIGHT HOME SKINCARE PROGRAM

MORNING REGIMEN

1. Cleanse with **DERMALIGHT** CLEANSER
 2. Apply **DERMALIGHT** ACTIVE ILLUMINATING CREAM
- *If needed, once absorbed into skin follow with your daily regimen moisturizer
3. Apply **DERMALIGHT** DARK CIRCLE CORRECTIVE EYE CREAM WITH MAKE UP
 4. Apply **SUNBRELLA (SPF 30)** sunscreen lotion or **AGE DEFENSE** CC CREAM (SPF 50)

EVENING REGIMEN

1. Cleanse with **DERMALIGHT** CLEANSER
 2. Apply **DERMALIGHT** ILLUMINATING SERUM directly on the spots
- ** During the use of the serum the client may experience temporary redness which will pass in a few days
3. Apply your daily regimen night cream
 4. Apply **DERMALIGHT** DARK CIRCLE CORRECTIVE EYE CREAM

ONCE A WEEK REGIMEN

1. Cleanse with **DERMALIGHT** CLEANSER
2. Apply **DERMALIGHT** LIGHTENING MASK



THE REASONS FOR SKIN HYPERPIGMENTATION

The accumulated exposure to the sun's radiation is the main cause for spots and hyperpigmentation, but how exactly are the spots formed and how are they treated?

The photoaging processes that are caused by the UV rays are known today as the main cause for skin damages. These rays cause long-term damage, which has a crucial role in the aging of the skin, including the appearance of pigmentation and sunspots. Among the general population pigmentation problems are one of the common reasons for seeing dermatologists, and beyond the aesthetic problem, it has also been found to entail negative psychological influences for those who suffer from them.

HOW ARE SUNSPOTS FORMED?

The instigators of the damage are the free radicals, found in the ultraviolet radiation. These unstable and destructive molecules cause changes and continuous damage to all the layers of the skin, when the first to be damaged are the melanocytes cells of the epidermis. These cells produce the melanin - the skin pigment that grants the skin its color.

The melanin is actually one of the skin protective mechanisms, and its role is to protect the skin from the sun's radiation and to filter the damaging rays. It absorbs, and later on returns the UV rays that penetrate the skin, and thus prevents them from damaging the cells and the skin tissue.

The enzyme responsible for the production of the melanin is tyrosinase. It produces melanin from the amino acid tyrosine. When we are exposed to the sun, the tyrosinase accelerates and encourages the production of the melanin and the skin darkens. The problem is that the dispersing of the pigment particles is not always even, and sometimes, color particles accumulate in a certain area, creating a spot, or a hyperpigmentation area.

Hyperpigmentation begins to appear at a very young age, even if it is not visible. Using ultraviolet photographing technique, various studies have revealed that pigmentation spots can already be found at the age of 12 on the skin of children who were

exposed to the sun without protection. Nevertheless, the external expression of the damages of the exposure to the sun's ultraviolet radiation begins to manifest in the skin years after it, and the influence is accumulative. At a certain stage, mostly around the ages of 30-40, these damages become visible in the form of freckles, spots and hyperpigmentation.

Other than the UV rays, additional factors contribute to the formation of spots and hyperpigmentation phenomenon. One of the central ones is taking certain medications. In fact, it has been found that this factor is responsible for 10%-20% of all the cases of hyperpigmentation. The main medications which have been found to cause the problem are painkillers from the class of nonsteroidal anti-inflammatory drugs (such as, Nurofen, Advil, Adex, Voltaren, Naxyn, Point and more); antimalarial drugs, cardiac medications (such as, Amiodarone, Procardia, Cardizem and Dilacor); chemotherapy drugs and antibiotic medicine (like Tetracycline), psychotherapeutic drugs and acne medication such as Roaccutane (Isotretinoin).

Additional factors that influence the production of hyperpigmentation spots are skin inflammations and injuries, hormonal changes (pregnancy or taking birth-control pills), stress and different diseases, which influence the production of the melanin.

HOW CAN THE PROBLEM BE TREATED?

Like in many fields, the best treatment for pigmentation problems is prevention, and in this case, the most effective prevention is achieved through a consistent and meticulous use of sunscreens. Studies show that a regular use of sunscreens is related to a significant decrease in the appearance of age signs and skin pigmentations. According to the guidelines, it is necessary to ensure that the selected products provides protection from both the UVA radiation and the UVB radiation, and that it has a sun protective factor (SPF) of at least 15, whereas for those who belong to the risk groups or in cases when there is a prolonged activity outdoors, the recommendation is a sunscreen with SPF 30 and above.

PRODUCT IN SPOTLIGHT

AGE DEFENSE CC CREAM SPF 50 MEDIUM

DESCRIPTION: A Multi-Benefits CC cream for a natural makeup effect and long lasting moisture. The formula includes active ingredients to reduce the appearance of wrinkles, protect against free radicals damage and increase elasticity. The cream offers high level protection against UVA & UVB damage for an all-in-one anti aging treatment to achieve an even tone and healthy glow.

DIRECTIONS: Apply daily to clean skin or over moisturizer, blend evenly for natural coverage.

Contains Benzophenone-3.

INGREDIENTS: Water (Aqua), Octocrylene, Butyl Methoxydibenzoylmethane, Diethylamino Hydroxybenzoyl Hexyl Benzoate, Titanium Dioxide, Ethylhexyl Salicylate, Ethylhexyl Methoxycinnamate, 4-Methylbenzylidene Camphor, Homosalate, Glycerin, Benzophenone-3, Potassium Cetyl Phosphate, Magnesium Ascorbyl Phosphate, Tocopheryl Acetate, Camellia Sinensis (Green Tea) Leaf Extract, Ginkgo Biloba Leaf Extract, Cetyl Alcohol, Polysilicone-15, Cetyl Palmitate, Polyacrylamide, Propylene Glycol, Talc, Phenylbenzimidazole Sulfonic Acid, Palmitic Acid, Stearic Acid, C13-14 Isoparaffin, Laureth-7, Ethylhexylglycerin, Propanediol, Plantago Ovata Seed Extract, Symphytum Officinale Extract, Carbomer, Butylene Glycol, Glutamine, Hydrolyzed Wheat Protein, Leucine, Proline, Serine, Biosaccharide Gum-1, Disodium Phosphate, Pseudoalteromonas Exopolysaccharides, Xanthan Gum, Sodium Phosphate, Saccharide Isomerate, Sodium Salicylate, Glyceryl Caprylate, Citric Acid, Triethanolamine, Phenoxyethanol, Imidazolidinyl Urea, Fragrance (Parfum), Iron Oxides (CI 77491/77492/77499).



AVAILABLE IN: 50 ml / 1.7 fl oz

REFERENCE: 157107



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DERMALIGHT

Based on advanced multi target complex for lightening of dark spots and hyperpigmentation.

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