SKIN PERFUSION GLOSSARY



CLEANSING OIL

Gentle make up removal agents → Cleans the skin thoroughly while respecting its integrity. They are emollients which allow soften the skin, in particular the PEG (polyethylene glycol).

Oil complex -> Anti-scale barrier leaving an imperceptible gentle protective layer (ricin and coco oil).

MICELLAR WATER

Gentle surfactants X3 → Cleanse the skin & remove make-up thoroughly while respecting its integrity.

Niacinamide → Potent skin regenerator. It helps to keep the skin hydrated and increases resistance of the skin barrier. Soothes & anti-inflammatory effect.

Moisturizing agents → Bring comfort, softness and suppleness.

EXFOLIATING CREAM

Silica micro-beads → Controlled exfoliation action for cleaner skin without aggression. Method of action:

- 1/ mechanical exfoliation of dead cells on the skin surface
- 2/ stimulation of cells in the basal layer
- 3/ reactivation of the cell regeneration processes. Leading edge selection: Pure high quality microbeads with gentle exfoliating non-irritant properties for controlled exfoliation.

Sodium polyacrylate micro-beads → Swell in contact with water. Provide a pleasant massaging effect.

Complex of 3 gentle surfactants → Deep cleanses respecting the integrity of the skin. Softening Tricomplex: complex of gentle surfactants, ricin oil and glycerin for resurfacing emollient action.

Surfactants: complete skin emollient and cleansing action through their effects on both hydrophilic and liposoluble agents.

Ricin oil: a plant oil rich in ricinolenic acid, an omega 9 with softening, healing, purifying and regenerating properties. Glycerin: a wetting agent which protects the epidermis, softens the skin, makes it more supple and extensible.

PERFECTING SOLUTION

Gluconolactone → Is a cyclic poly-hydroxyester obtained from a natural physiological sugar: Glucose. This acid can visibly exfoliate dead cells, smooth the texture of the skin, reduce irregularities and return a cleaner skin with a fresh complexion. Keratolytic activity as effective as the AHA and better tolerated.

GLYCOPEEL MASK

Glycolic Acid 15% \rightarrow AHA fruit acid with exfoliating and lightening properties. Improves the distribution of melanin to achieve a homogeneous complexion. Eliminates dead cells (breaks the intercellular adhesive that connect them) to unclog pores. Effect is pH-dependent: a lower pH increases the effectiveness (Glycopeel Mask: pH = 4,9)

Phytic Acid 2% → Used in many medical office peelings to treat pigmentation disorders. Phytic acid or IP6 (chemical formula C6H18O24P6) is found mostly in any cereal grains (oats, wheat, rye) and vegetable seeds. It is very widely used in anti-blemish peeling and has tyrosinase inhibiting activity (the enzyme involved in melanogenesis), it is also an anti-oxidant and anti-inflammatory. It is particularly useful in treating hyperpigmentations.

Provitamin B5 or Panthenol → Renowned as a skin repairer and regulator of water balance, it regenerates the skin hydration barrier. It triggers the synthesis of a precursor of fatty acids and sphingolipids which are essential for the formation of the lipid bilayer in the stratum corneum. Through this it contributes to repairing the skin barrier, improving hydration, reducing roughness and indirectly reducing inflammation. Its potent hygroscopic properties make it the reference hydrating agent.

Polysaccharide → obtained by bacterial fermentation with a branched sugar sequence rich in rhamnose (I, III, VI), galactose (II, V) and glucuronic acid (IV). A glyco-messenger, this skin inflammation attenuator binds specifically to keratinocyte receptors to inhibit cellular adhesion and as a result inhibit the propagation of the inflammatory reaction following aggression of the skin

Allantoin → Promotes and accelerates cell proliferation: improves the epithelialization (regeneration of the skin) and the condition of the skin that has suffered from the surface damage. Stimulates the epidermis, particularly the granular epithelial area in which new cells are generated to replace those that are damaged or aged. Reduces the healing time and thus promotes the regeneration of the skin. Calming and moisturizing effect: It reduces the sensation of pain because it acts as a mild anesthetic.

RE-TIME SERUM (Retinol)

Vitamin A → Considered one of the anti-wrinkles of reference in dermatology to act on all wrinkles and reduce them visibly. Also known as retinoic acid it acts on the four signs of photo-induced skin ageing: dryness, loss of elasticity, refinement of the skin and wrinkles. It acts on the skin by stimulating fibroblasts, stimulating the synthesis of collagen, stimulating angiogenesis (making small vessels responsible for the "good-looking" effect).

Hyaluronic Acid → It keeps water on the skin surface and acts as a water reservoir. This hyaluronic acid film also protects the skin from external aggressions, which could damage the lipid barrier of the epidermis.

Arg-Lys peptide → A powerful skin relaxer for increased action on contraction wrinkles. Botox-like peptide obtained from cone snail venom, it modulates transmission of the message at neuromuscular junctions to densify the skin. Contraction wrinkles are smooth.

Wakame 14G → A powerful skin regenerator, resulting from the research in gene therapy, to find a skin of more youthful appearance. Rich in wakame ester, this concentrate reactivates the 14 genes involved in the redensification of the extracellular matrix: synthesis, maturation and anchoring of collagen, elastin and HA. Therefore it fights against the inversion of the triangle of youth. Smoothes even the deepest wrinkles. Wakame is obtained from a brown seaweed.

AA-LIFT SERUM (Amino Acid)

Collagen (Marin extract) → Used in aesthetic medicine for its moisturizing and smoothing properties. Collagen is a natural protein present in our body. It ensures the cohesion, elasticity and regeneration

of all tissues of the skin. The production of collagen slows down naturally with age, and from 25 years its rate decreases in the body, revealing the first signs of old age

Xylose → Xylose is a plant sugar obtained from supporting cells like hemicellulose. It is an essential sugar that neutralizes the glycation process to re-boost the skin's elasticity and make the skin more toned. Glycation is a chemical reaction that takes place in the heart of the dermis. Glucose molecules react with protein molecular structures resulting in disorganization of the dermis and a more yellowish complexion. They will be fixed around the fibers of collagen and elastin which over time become rigid or even break. With age, the glycated proteins accumulate in our cells and ultimately destroy the skin's supporting mattress. The skin loses elasticity.

Elastin peptide → (Composted of 6 amino acids + palmitoyl) This messenger peptide increases the synthesis of macromolecules of the matrix throw the fibroblasts. 6 times repeated in the elastin molecule. It acts on their scheduling in the tissues due to its chemotactic properties. The dermis is restructured. This origin for the Palmitoyl is synthetic and origin for the AA).

Sorghum juice → Rich in polyosides and sucroses which react in synergy with keratin to form a shaping mesh with an immediate long-lasting tensing effect. Hydroxyl (-OH) groups of the polyosides react with each other and with corneocyte keratin to form a tensor film on the skin. The force of each bond creates tension which produces a micro-lifting effect on.

C-LIGHT SERUM (Vitamin C)

Vitamin H or Biotin → Present naturally in skin. This is an essential component of its good health. From a chemical perspective, this vitamin is a co-fatty acids and fat and amino acid metabolism. It plays a role in the Krebs cycle, which is the enzyme which acts in the functioning of many cells. It is needed for cell growth, production of biochemical production through which energy is processed through which energy is produced during aerobic respiration.

Vitamin C → Stabilized vitamin C is protected by glucose for optimal stability and preserved efficacy. Vitamin C is released gradually to stimulate collagen synthesis, prevent pigmentation and illuminate the complexion. It inhibits melanogenesis, reduces pigmented ageing dark spots and combats photoageing through its anti-inflammatory and anti-oxidant properties.

HRH-14 Polyphenol → Highly active anti-oxidants obtained from the resurrection plant for bioactivation of skin radiance. 2 mechanisms of action to boost skin radiance: intensifying the light reflection and uniforming the complexion by preventing oxidation of proteins to avoid light defraction (loss of luminosity).

P-BRIGHT SERUM (Phytic Acid)

Phytic Acid → Used in many medical office peelings to treat pigmentation disorders. Phytic acid or IP6 (chemical formula C6H18O24P6) is found mostly in any cereal grains (oats, wheat, rye) and vegetable seeds. It is very widely used in anti-blemish peeling and has tyrosinase inhibiting activity (the enzyme involved in melanogenesis), it is also an anti-oxidant and anti-inflammatory. It is particularly useful in treating hyperpigmentations.

Vitamin C → Stabilized vitamin C is protected by glucose for optimal stability and preserved efficacy. Vitamin C is released gradually to stimulate collagen synthesis, prevent pigmentation and illuminate

the complexion. It inhibits melanogenesis, reduces pigmented ageing dark spots and combats photoageing through its anti-inflammatory and anti-oxidant properties.

Arabino-Xyloses B1-4 → New generation active ingredient obtained from phytofragmentation innovation to visibly reduce the appearance of dark spots. Chains of xylose substituted by an arabinose, obtained from processing of wheat bran through a complex plant fractionation manufacturing process. Potent brightening active ingredient far more effective than kojic acid, it acts on several levels of melanogenesis: inhibition of conversion of Tyrosine into L-DOPA, inhibition of conversion of L-Dopa into Dopaguinone by inhibition of tyrosinase. Result: 80% Inhibition of melanin synthesis.

Papain-carbomer → Gentle enzymatic exfoliant for an effect on improving evenness and bringing out the complexion. It is as effective as glycolic acid but is better tolerated: -10% redness, erythema.

HAB5-HYDRA-SERUM (Hyaluronic Acid + Vitamin B5)

Vitamin B5 or Panthenol → Renowned as a skin repairer and regulator of water balance, it regenerates the skin hydration barrier. It triggers the synthesis of a precursor of fatty acids and sphingolipids which are essential for the formation of the lipid bilayer in the stratum corneum. Through this it contributes to repairing the skin barrier, improving hydration, reducing roughness and indirectly reducing inflammation. Its potent hygroscopic properties make it the reference hydrating agent.

Hyaluronic acid vegetal → Polysaccharides, extracted from tamarin grains, hyaluronic acid-like for triple action as early as 15 days on hydration: Hydration: +42% vs HA, smoother skin +36% skin elasticity: +36%.

Erythritol + Homarine → Potent osmotic module to provide cutaneous water homeostasis. The erythritol + homarine module therefore maintains the volume and amount of water in cells in order to ensure their viability against environmental damage. It progressively rehydrates the different layers of the skin.

BD-BALANCE-SERUM (Boldo)

Zinc → Zinc and L-PCA complex for mattifying action on greasy skin. Zinc is a universal anti-seborrhoeic and essential trace element for antiseptic activity reducing bacterial proliferation. L-PCA is a physiological vector which optimizes the bioavailability of zinc and is a signal molecule stimulating epidermal differentiation and strengthening the skin barrier.

BETA -HDB3 → Skin auto-purifier to visibly reduce existing imperfections. An extract of boldo, activator of the skin's natural anti-bacterial defence system, the 6-Defensins. This boldo extract activates the skin bactericidal system without causing inflammation for visible efficacy on imperfections. As early as 8 weeks: -48% number of open comedons, -40% number of papules, -74% number of pustules.

Bonded Salicylic acid → Gentle smoothing exfoliant to visibly tighten pores and smooth irregularities. Molecular association of salicylic acid bonded onto Accacia polysaccharides providing reduced penetration of salicylic acid into the skin and optimising its targeting to the stratum corneum. This combination potentiates the action of salicylic acid on all of the parameters of greasy skin whilst retaining optimal tolerance: Reduction in pore size of up to -47.5% on D28.

Plant extract → Sebum anti-oxidant to prevent the development of new imperfections. Obtained from blackcurrant and raspberry leaves selected for their molecular complementarity in polyphenols. This

plant complex has a triple action in the preventative treatment of greasy skin with a tendency to acne: Reducing sebum oxidation, protecting squalene from degradation, modulating the inflammatory reactions. Sebum quality is preserved to reduce development of imperfections.

TIME-BOOSTER (Retinol)

0,3% Retinol → Is pure acts (on the surface and in depth of the skin) on:

- Horny-Epidermal Layer: Stimulates cell renewal (exfoliating effect, smooth skin texture) anti-oxidant and melanocyte regulation (attenuates the intensity of brown spots)
- Derme: stimulates fibroblasts to increase the production of collagen, elastin and hyaluronic acid. In addition, it has a smoothing action on wrinkles, unifies the complexion, and improves skin quality.
- **4% Galacto-alfa** (plant polysaccharides) → "Retinol-like" action regulates keratinocyte differentiation, improves cell renewal while stimulating collagen synthesis. It enhances the effectiveness of Retinol with a smoothing effect.

ß carotene + Tocopherol (Vitamin E) → Recognized antioxidant properties. Used in addition to Retinol to protect its degradation and increase its effectiveness.

Aloe vera + hyaluronic acid] 5% → (low molecular weight) Hyaluronic acid has moisturizing and regenerating action.

Aloe Vera is rich in amino acids and enzymes, for a moisturizing, soothing and revitalizing action

LIFT-BOOSTER (Resveratrol)

1% Resveratrol → Plant origin (derived from the roots of Japanese knotweed) is a powerful antioxidant that captures free radicals and stimulates cell renewal. Also increases cell's life by stimulating the production of longevity proteins (SIRT-1 sirtuins). Prevents photo-aging skin and increases firmness while retaining the elasticity of the skin.

6,5% Peptide complex (5% elastin peptide + 1,5% collagen peptide) →

Collagen peptides: bind to fibroblasts and stimulate the synthesis of extracellular matrix molecules and thus reduce the size and depth of wrinkles.

Elastin peptide: This messenger peptide increases the synthesis of the macromolecules of the matrix via the fibroblasts. The dermis is restructured. This peptide is made of 6 amino acids + palmitoyl.

HYDRA-BOOSTER (Hyaluronic Acid)

- **2,5% Hyaluronic Acid (2% HMW + 0,5% VLMW)** → (Low molecular weight) Moisturizing and regenerative action. (Very low molecular weight) Penetrates deep into the skin to stimulate the endogenous synthesis of hyaluronic acid, so a deep repulping action.
- **0,5% Ceramides** → Contributes to the creation of the lipid barrier by restoring the hydrolipidic film and the skin barrier. Avoids the natural evaporation of water from the skin to maintain the level of hydration.

BRIGHT-BOOSTER (Hexylresorcinol)

1% Hexylresorcinol → Hexylresorcinol is a powerful antiglycant used in hyperpigmentation treatment also an inhibitor of peroxidase and tyrosinase, acting against melanin production. Hexylresorcinol is a synthetic molecule.

2,5% phytic acid → Soft keratolytic action + stimulates cell renewal. Anti-inflammatory properties, reveals a fresh and radiant skin by the exfoliation of dead cells that clog pores (and make the complexion dull). Acid used in many office peels to treat pigment disorders.

10% glycolic acid → AHA fruit acid with exfoliating and lightening properties. Improves the distribution of melanin to achieve a homogeneous complexion. Eliminates dead cells (breaks the intercellular adhesive that connect them) to unclog pores.

BALANCE-BOOSTER (Acid Salycilic – Acid Lactic – Zinc gluconate)

3,5% Zinc gluconate (Zinc salt with gluconic acid, in the 3.5% there is 1% pure zinc, maximum allowed in cosmetics) \rightarrow A sebum-regulating agent which inhibits the 5 α -reductase involved in the production of sebum. It also has recognized antiseptic and anti-inflammatory properties. Gluconic acid: to form a stable complex with zinc.

2,4% Lactic acid → It is a beta hydroxy acid (BHA); 1- Action; Exfoliates the skin and prevents the pores from clogging. It destroys the intercellular cement of the stratum corneum to remove dead cells. 2- Action; Purifies the skin and reduces the amount of microbes on the surface of the skin responsible for the appearance of imperfections.

2% Salycilic acid → Exfoliating and antibacterial action.

HYALURONIC YOUTH MASK

Hyaluronic Acid → It keeps water on the skin surface and acts as a water reservoir. Also protects the skin from external aggressions, which could damage the lipid barrier of the epidermis.

Collagen \rightarrow . Used in aesthetic medicine for its moisturizing and smoothing properties. Collagen is a natural protein present in our body. It ensures the cohesion, elasticity and regeneration of all tissues of the skin.

Aloe Vera → Regenerating and soothing action

GR-YOUTH MASK (Galactose-Rhamnose)

Galactose-Rhamnose Polysaccharides → Hydro-refined sugars to reswell the skin's water content and visibly repulp. Polysaccharides used by the early Egyptians for its emollient therapeutic properties. They inhibit hyaluronidases, enzymes which destroy 'hyaluronic acid. Hyaluronic acid levels are therefore preserved to maintain a repulped skin.

Shea Butter → Lipid impregnation to restore cell cohesion and improve brightness of the skin. With potent nourishing properties this hydrates, softens, protects and beautifies through its exceptionally rich content of unsaponifiables, vitamins (A, D, E, and F) and latex. It protects and nourishes the skin and repairs damage caused by weather aggressions, pollution and UV.

Babassu Oil → Restores cell cohesion and improves brightness of the skin. With potent nourishing properties this hydrates, softens, protects and beautifies through its exceptionally rich content of unsaponifiables, vitamins (A, D, E, and F) and latex. It protects and nourishes the skin and repairs damage caused by weather aggressions, pollution and UV.

B3-RECOVERY CREAM (Vitamin B3)

Vitamin B3 or Niacinamide → Potent skin regenerator. It plays a major role in protecting and repairing DNA. It also acts to regenerate essential molecules such as protein, collagen and fibroblasts. Synthesis: collagen: +54%, total proteins: +41%, fibroblasts: +20%. In addition, it helps to keep the skin hydrated and increases resistance of the skin barrier.

Hydroxyethyl Urea or H-Urea → Is a potent hydrating agent for long lasting regeneration of the skin hydration barrier. It returns a plump effect to dry skin and improves elasticity and skin firmness.

Plant extract → A complex of anti-inflammatory brown algae, soothing super oxygenated corn oi (reestablishes the equilibrium of skin mediators and restores the sensory equilibrium of the skin), healing mimosa (stimulates cell division and epithelialization) and a unique extract of DNA protective plankton. Renowned for its potent anti-inflammatory properties and ability to relieve uncomfortable sensations.

Mirabilis Jalapa extract → Active ingredient for sensitive and reactive skin, to improve skin resilience. Extracted from the plant Mirabilis Jalapa, known by the name Wonder of Peru this active ingredient strengthens the epidermis and stratum corneum to improve resistance of sensitive skin and reactive skins to external aggressions.

Rhamno-complex → Polysaccharide obtained by bacterial fermentation with a branched sugar sequence rich in rhamnose (I, III, VI), galactose (II, V) and glucuronic acid (IV). A glyco-messenger, this skin inflammation attenuator binds specifically to keratinocyte receptors to inhibit cellular adhesion and as a result inhibit the propagation of the inflammatory reaction following aggression of the skin.

5HP- YOUTH CREAM (Vitamin B5 + Hydroxyproline)

Hydroxyproline → A potent skin regenerator present naturally in the skin for 360° action on the signs of age. Hydroxyproline, the precursor of collagen combined with the benefits of organic silicium for a global anti-age action: Stimulates production of collagen: +160%, improves the proliferation of skin cells +96% fibroblast proliferation, improves survival of skin cells and optimizes the healing process.

Vitamin B5 or Panthenol → Renowned as a skin repairer and regulator of water balance, it regenerates the skin hydration barrier. It triggers the synthesis of a precursor of fatty acids and sphingolipids which are essential for the formation of the lipid bilayer in the stratum corneum. Through this it contributes to repairing the skin barrier, improving hydration, reducing roughness and indirectly reducing inflammation. Its potent hygroscopic properties make it the reference hydrating agent.

Oleo-Complex → Reconstituting nutrient complex containing argan oils and mango butter to give comfort and softness to dry skins. Argan oil is rich in essential omega-6 fatty acids and tocopherols (vitamin E) and prevents drying of the skin, but unlike other oils it also has a long-lasting action. Mango butter had potent emollient and regenerating properties and acts in synergism with argan oil to return comfort and suppleness to dry skins.

6HP- YOUTH CREAM (Vitamin B6 + Hydroxyproline)

Hydroxyproline → A potent skin regenerator present naturally in the skin for 360° action on the signs of age. Hydroxyproline, the precursor of collagen combined with the benefits of organic silicium for a global anti-age action: Stimulates production of collagen: +160%, improves the proliferation of skin cells +96% fibroblast proliferation, improves survival of skin cells and optimizes the healing process.

Zinc → Zinc and L-PCA complex for mattifying action on greasy skin. Zinc is a universal anti-seborrhoeic and essential trace element for antiseptic activity reducing bacterial proliferation. L-PCA is a physiological vector which optimizes the bioavailability of zinc and is a signal molecule stimulating epidermal differentiation and strengthening the skin barrier.

Vitamin B6 or Pyridoxine → Highly used to treat greasy skins, vitamin B6 regulates sebum secretion and is a powerful ally for its long-lasting mattifying effect.

Lentiscus 95 → Active ingredient with potent astringent properties to visibly reduce pore size and smooth the grain of the skin. Extracted from the bark of the pistachio lentiscus tree, a Mediterranean bush, mastic has been known since ancient times for its anti-bacterial, anti-fungal, anti-inflammatory and anti-oxidant properties.

HXR-EYE CREAM (Hexylresorcinol)

Hexylresorcinol → Anti-glycating agent used in the treatment of hyperpigmentation. It is used to reduce dark circles. There are 3 major causes for colored rings to appear: post-inflammatory: hyper pigmentation, hemodynamic congestion and edema. These causes, however, arise from the same dysfunction which is glycation. Hexylresorcinol is a potent anti-glycating agent but is also an inhibitor of peroxidase and tyrosinase, which acts against melanin pigmentation.

Arg-Lys peptide → A powerful skin relaxer for increased action on contraction wrinkles. Botox-like peptide obtained from cone snail venom, it modulates transmission of the message at neuromuscular junctions to detensify the skin. Contraction wrinkles are smooth. As early as 2 hours: -5.5% Crow's feet wrinkles.

Aescin → A genuine natural venotonic renowned for its remarkable efficacy on the skin microcirculation. It is extremely rich flavonoid concentration with vasoconstricting and anti-inflammatory actions provide it with effective action on draining toxins to improve the appearance of rings and bags around the eyes and swelling of the eyelids

NOURISHING BODY BALM

Nutrient phase 30% → Strengthens the skin barrier and rebalances skin moisture forming a protective lipid layer.

Oil complex → Nourishing soothing action.

E-YOUTH 50 SUN CREAM

Vitamin E or Tocopherol \rightarrow A true protector of our body's cells. It is an anti-oxidant, anti-inflammatory and hydrating agent and blocks the action of free radicals on the skin thereby reducing cell damage from UV exposure. The most active form is α-tocopherol.

Vitamin B3 or Niacinamide → potent skin regenerator. It plays a major role in protecting and repairing DNA. It also acts to regenerate essential molecules such as protein, collagen and fibroblasts. Synthesis: collagen: +54%, total proteins: +41%, fibroblasts: +20%. In addition it helps to keep the skin hydrated and increases resistance of the skin barrier.

Sarcosin \rightarrow Skin perfector to control shine and produce a long lasting matifying effect. Sarcosin reduces the activity of type 1 5 α -reductase, the enzyme directly involved in the sebum production process. It therefore reduces imperfections due to overproduction of sebum and its skin perfecting action has been demonstrated in different ethnic skin origins. Sarcosin gives the skin a matt and uniform complexion.

SC-COMPLEX → Water binder to generate a deep hydration reserve and sustainably strengthen the skin barrier. Composition very similar to physiological NMF (Natural Moisturizing Factor) to improve the skin hydration barrier for deep immediate hydration lasting 72h. Skin is deep and sustainably hydrated. Its composition enables it to stimulate many genes which play a key role in maintaining the skin hydration barrier.

UVA/UVB Defence → Potent sun filters plus everyday photo-protection (minerals + organics), SPF 50+ with 1/3 of UVA.

PROFESSIONAL RANGE

MODELLING GEL

Glycerin → Hydrating action. Traps water molecules and enhances skin capacity to retain water.

Sucro-esters → Nourishing active ingredients formulated in a gel texture for gentle modeling

HYDRA CRYO-SERUM

Hyaluronic Acid → Powerful filling and hydration.

Collagen → Firming and restructuring.

TIME CRYO-SERUM

Galactomannans + matrix oligosaccharides → Lifting complex to stimulate collagen synthesis, immediate and long lasting smoothing of, even deep, wrinkles.

LIFT CRYO-SERUM

Marine DNA → Powerful skin regenerator recognized to return tone to loose skin and maintain firmness.

Collagen → Firming and restructuring.

COLLAGEN YOUTH MASK

Collagen fiber → Filling action on the micro-depression network through a film producing effect.

Collagen molecules → Repulping action, restoration of water balance.

Collagen peptides → Regenerate and reconstruct tissue.

FILLNES HATOIRES