

INGREDIENTS

- **Water**
- **Butyrospermum Parkii Butter** (Organic Shea Butter/ emollient/ antioxidant)
- **Hydrogenated Starch Hydrolysate** (moisture-retaining ingredient/ thickening agent)
- **Aphanizomenon Flos-aquae Extract** (blue algae extract/ emollient/ antioxidant/ texture enhancer)
- **Butylene Glycol** (texture enhancer/ FDA approved)
- **Alteromonas Ferment Extract** (repairs skin's surface)
- **Vegetable Glycerin** (hydration/ skin replenisher)
- **Dextran** (skin replenisher)
- **Caproyl-Tetrapeptide-3** (Chronoline/ biomimetic peptide/ skin restorer)
- **Hydrolyzed Collagen** (collagen peptide containing 19 amino acids)
- **Algae Extract** (emollient/ antioxidant/ texture enhancer)
- **Glycosaminoglycans** (mucopolysaccharides/ source of hyaluronic acid/ skin replenisher/ skin restorer)
- **Inositol** (B8 vitamin/ skin replenisher)
- **Glyceril Linoleate** (skin conditioning/ emollient)
- **Glyceril Linolenate** (skin conditioning/ emollient)
- **Calcium Chloride** (thickening agent)
- **Ascorbyl Palmitate** (stable & non acidic form of vitamin C/ antioxidant)
- **Retinyl Palmitate** (vitamin A/ antioxidant/ skin-cell regulator)
- **Tocopheryl Acetate** (vitamin E/ antioxidant)
- **Potassium Chloride** (thickening agent)
- **Magnesium Chloride** (thickening agent)
- **Sodium Chloride** (thickening agent)
- **Niacinamide** (PP vitamin/ antioxidant/ skin soother/ skin restorer)
- **Panthenol** (B5 Pro vitamin/ moisturizer)
- **Citric Acid** (PH regulator)
- **Biotin** (H vitamin)
- **Riboflavin** (B2 vitamin)
- **Cyancobalamin** (B12 vitamin)
- **Sodium Acrylates Copolymer** (emulsifier)
- **Lecithin** (phospholipid/ emollient/ skin replenisher)
- **Trifluoroacetyl Tripeptide-2** (biomimetic peptide derived from Elafin)
- **Polygonum Aviculare Extract** (Japanese knotweed/ antioxidant)
- **Propanediol** (hydrating)
- **Ornithine** (amino acid)
- **Phospholipids** (emollient/ skin-identical ingredient)
- **Glycolipids** (emollient/ emulsifier/ skin replenisher)
- **Phenoxyethanol** (preservative)
- **Ribose** (pure ribose obtained from corn seed)
- **Ethylhexylglycerin** (preservative)

BIO Pyrus Malus (Apple) Fruit Water

› energizing effect

ORIGIN

- BIO apples & pure crystal water unearthed from deep within European Mountains, an area free of contaminants

FUNCTIONS

- provides the skin with essential nutrients
- presents a perfect bioaffinity with the skin, true as nature itself
- made from BIO fresh fruits*
- * *Retaining trace elements from the fresh plant, these living waters bring moisturizing, hydrating and nourishing properties. Apple Water has been shown to stimulate growth of human keratinocytes for anti-aging and energizing effect.*

EFFECTS

- anti-aging & energizing effect
- plenty of trace elements, mineral salts and antioxidants (flavonoids, polyphenols, vitamin C)
- moisturizing & nourishing properties
- protection for DNA damage

Caproyl-Tetrapeptide-3

ORIGIN

- biomimetic growth factor derivative

FUNCTIONS

- boosts the production of key components of the DEJ (collagen VII, laminin-5, fibronectin)
- for optimal skin structural support

EFFECTS

- reduces fine lines & wrinkles after 28 days
- provides a continuous long term reduction of fine lines & wrinkles in mature skin
- activates natural skin rejuvenation
- makes the skin smoother, firmer, more even for a younger rested look
- helps reduce the appearance of stretch marks

Alteromonas Ferment Extract

ORIGIN

- *exopolysaccharide* from Kopara (*microorganisms mat*) living in unique ecosystem in the rims of French Polynesian atolls

FUNCTIONS

- increases hyaluronic acid production by 128% in a dose-dependant manner; hyaluronic acid acts as hydrating agent
- induces lipid synthesis by 65% - *stratum corneum* (SC) lipids provide a semi-permeable barrier and represent one of the main mechanism allowing SC to hold onto water
- usage of Alteromonas Ferment Extract in dehydrating conditions restores SC properties (SC represents the first cutaneous barrier)
- restores filaggrin expression (filaggrin is a source of natural moisturising factor)

EFFECTS

- stimulates skin hydration
- protects & restores the skin barrier function to limit excessive water loss
- improves natural skin hydration in dry skin
- improves the surface skin morphology for a better skin hydration
- improves smoothness and overall skin appearance for a perfect complexion

Aphanizomenon Flos-aquae Extract

ORIGIN

- blue-green **algae** extract rich in **vitamins, amino acids** and **proteins**
- a unique micro-algae extract, from Cyanophyta class which helps maintain the unique protected ecosystem of Klamath Lake - it is a creator of atmospheric oxygen (essential for all species)

FUNCTIONS

- retinoid-like activity without any side effects
- **rich in:**
 - › Lipids › Vitamin B2 › Lysine
 - › Proteins › Vitamin B5 › Methionine
 - › Glucides › Vitamin B6 › Proline
 - › Pigments › Vitamin B12 › Serine
 - › Vitamin B1 › Vitamin C

EFFECTS

- reduces the appearance of wrinkles
- smoothes & regenerates the skin
- improves the aspect of skin's surface

Ribose



ORIGIN

- natural D-ribose obtained by biotechnology from corn seed

FUNCTIONS

- stimulates ATP *de novo synthesis* (cells recover their metabolic energy potential)
- increases cellular respiration (to favour cell functioning)

EFFECTS

- energizes, oxygenizes and revitalizes skin
- prevents wrinkles appearance
- increases skin elasticity
- enhances complexion

ATP (Adenosine Tri Phosphate) is the principal source of cellular energy thanks to the rupture of the phosphate group bonds. Ribose is a fundamental building block of ATP.

Ornithine

ORIGIN

- L-ornithine - an amino acid obtained by biotechnology from vegetable starch, encapsulated in a lonosome™

FUNCTIONS

- bio-controlled lipofilling
- activates HIF1- α
- decreases fatty acids release
- stimulates adipocyte anabolism

EFFECTS

- lipofilling-like alternative - reverse aging

Polygonum Aviculare Extract



ORIGIN

- knotgrass extract rich in flavonoids

FUNCTIONS

- inhibits Cathepsin G
- inhibits MMP-1 activity (UV-, IR- & heat-induced MMP production)
- protects fibrillin-1 from UV damage
- protects tropoelastin from IR damage
- protects papillary dermis integrity from UV damage with a fast action to preserve a better skin elasticity

EFFECTS

- fights Infra'Aging™
- enhances skin firmness & elasticity
- limits sun damage
- reduces the appearance of wrinkles

Sun exposure is responsible for 90% of premature skin aging. Infra'Aging™ is a new approach to fight photoaging (IR-induced skin aging = Infra'Aging™). IR induces all the signs for premature aging. Photoaging = UV-induced aging + Infra'Aging™ + Thermal aging

Trifluoroacetyl Tripeptide-2

ORIGIN

- biomimetic peptide derived from Elafin

FUNCTIONS

- reduces progerin synthesis
- MMPs and elastase inhibitor (an enzyme that attacks structural proteins)
- increases syndecan
- contracts collagen

EFFECTS

- reduces signs of aging (sagging skin, wrinkles)
- remodelling effect
- improves the jaw line

Progerin is a new senescence marker (a protein responsible for cell death). As cells age, the accumulation of progerin causes nuclear defects and increased DNA damage, and greatly contributes to the appearance of aging signs.

Butyrospermum Parkii



› protects & nourishes skin

ORIGIN

- comes from the African Shea tree found along the West African Savannah region
- a wild growing tree that produces small, almond-like fruit from which Shea butter is extracted

FUNCTIONS & EFFECTS

- skin emollient and moisturizer
- restores skin flexibility and elasticity
- anti-irritant and anti-inflammatory actions

Red Coral Extract



ORIGIN

- reconstituted red coral: *Corallium rubrum* - typical of the Mediterranean Sea - is a *coralarius celentereous*, living in colonies where whose members are joined together by a skeleton or polifer branched pinkish-red colour, consisting mainly of calcium carbonate
- the living part of the animal, called *polyp*, is cylindrical in shape and ends at the top with a mouth surrounded by short tentacles, which capture plankton it feeds from

CONTAINS

- **proteins** - with an average aminogram as follows:
 - › Glycine › Serine
 - › Proline › Leucine
 - › Hydroxyproline › Valine
 - › Glutamic acid › Threonine
 - › Alanine › Phenylalanine
 - › Arginine › Isoleucine
 - › Aspartic acid › Histidine
 - › Lysine › Methionine

• vitamins:

- › A Vitamin (Retinol & carotenes)
- › B8 Vitamin (Inositol)
- › E Vitamin (tocopherols)
- › B12 Vitamin (cyanocobalamin)
- › F Vitamin (polyunsaturated fatty acids)
- › C Vitamin (ascorbic acid)
- › PP Vitamin (Nicotinamide)
- › H Vitamin (Biotin)
- › B2 Vitamin (Riboflavin)
- › B5 Pro Vitamin (Panthenol)

• mineral salts:

- › calcium › magnesium › potassium › sodium