



Cosmetic waters are made from thermal waters to hydrate the skin and repair the epidermis in a natural way. There is a great similarity in the humectant minerals that the skin itself generates and those of the thermal waters.

Thermal waters have several beneficial therapeutic properties for the skin. Better oxygenation of the body improvement of the circulation of the blood. They have activity on the cellular renewal, besides leaving a thin protective layer.

ACTIVE INGREDIENTS

PURE ARGAN OIL:

Ecocert Certificate, extracted from the Argan tree kernel fruit (*Argania Spinosa*) using only mechanical cold pressure, being therefore a pure active ingredient, ecological cosmetic, chemical-free and deodorized.

Argan oil is made up to 80% of essential fatty acids:

- **50% linoleic acid, 15% alpha-linolenic acid, 12% oleic acid:** Biological precursors of intracellular hormones such as prostaglandins (key regulators of different cellular systems, including all membranous exchanges). They stimulate intracellular oxygenation, improving the restoration of the hydro-lipidic film increasing the nutrient content of skin cells and ensuring the necessary skin moisture.
- **1% Arachidonic acid**
- **3% Linolenic acid**
- **5% Tocopherols (Vitamin E).** The main representatives of this class of compounds found in Argan oil are alpha-tocopherol or vitamin E (5%), gamma-tocopherol (83%) and delta-tocopherol (12%) which are natural antioxidants and vitamin precursors.

- **Ferulic acid:** It is the compound found in greater proportion. It promotes blood circulation, thereby increasing the arrival of nutrients. Stimulates intracellular oxygenation, neutralizes free radicals and protects the connective tissues.
- **Phytosterols:** Delta-7-sterols are inhibitors of the 5-alpha-reductase enzyme, which converts testosterone into dihydrotestosterone (DHT), largely responsible for acne and hair loss.
- **Squalene:** Present in 25% of human lipids, by binding to the cell membrane, helps to eliminate toxins and neutralize free radicals.
- **Lupeol:** has anticancer properties and enhances proliferation of keratinocytes which produce keratin in hair, nails and skin.

All these elements give it high antioxidants, anti-inflammatory, re-structuring, regenerating and anti-aging properties. Restores skin and protects it from oxidation caused by free radicals.

Mechanism of action:

Polyunsaturated fatty acids decrease with age causing the skin to become dry and to lose elasticity. These two causes are the major trigger of wrinkles.

Argan oil is composed by 80% of fatty acids, of which 8 are essential fatty acids, which cannot be synthesized by our body itself, including omega-6 fatty acid.

Omega 6 fatty is a polyunsaturated fatty acid (linoleic acid) found in high proportions in argan oil. The skin uses it as a nutrient, reconstituting the hydrolipid layer, increasing hydration and reducing the appearance of wrinkles.

Essential fatty acids fight dryness and lack in elasticity by stimulating intracellular oxygenation, and improving the restoration of the hydrolipidic film by increasing the nutrient content of skin cells. The skin gains flexibility, hydration and firmness, becoming stronger and younger.

These beneficial effects are enhanced by its high vitamin E content, which thanks to its antioxidant activity, it protects cell membranes from oxidation and loss of its barrier function by neutralizing free radicals, thus slowing down the skin aging process.

Argan Oil is an anti-free radical, preventing skin aging. It also has a sebum regulating action, suitable for oily skin, non-comedogenic, it is quickly absorbed, leaving no greasy aspect and leaving the skin free from shiny patches.

All these components, gives Argan Oil high **antioxidant, anti-inflammatory, re-structuring, regenerating** and **anti-aging properties**. It restores the skin and protects it from free radicals induced oxidation.

LACTIC ACID: Natural moisturizing factor



This product combines DMAE with Lactic Acid. Lactic acid is an alpha hydroxy acid used as a softener. It is a natural component of the hydrolipidic layer of the skin and, consequently, plays a physiological activity, belongs to the hydrophilic components that make up the protective mantle of the skin.

It is mainly used to improve the texture of the skin. Lactic acid is also a natural moisturizing factor (NMFs) of the skin, which favors the water-binding ability of the stratum corneum.

In dermatology has been used since the time of Cleopatra, who legend, bathed in sour milk (lactic acid) to keep his skin soft and smooth.

It favors the skin regeneration and has keratolytic activity, exerting a gentle exfoliative effect that favors the regeneration of the horny layer.

CASTOR OIL:

The benefits of castor oil for skin care are numerous and many people notice a difference in the skin after a single application. The oil soothes dry and irritated skin and helps kill the pathogens that can cause skin problems.

It is a vegetable oil derived from the seed of castor bean in its purest form.

It is colorless, odorless and tasteless.

The history of castor oil is from long time ago. Ancient Egyptians around 4000 BC.

Cleopatra used it to illuminate the whites of her eyes.

Castor oil has earned a fabulous reputation.

- to treat fungal infections in the skin.
- to calm the eyes.
- Get relief from joint pains.
- to improve the appearance of the skin and give it a youthful glow.