



# BIO SNAIL SRL

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## FACE SERUM TECHNICAL PRODUCT SHEET

SNAIL SECRETION FILTRATE 90%

0% ADDED COLORANTS, PARABENS, SILICONES, PETROLATES

### Properties and general characteristics:

Snail Secretion Filtrate Facial Serum is naturally rich in glycolic acid, allantoin, collagen, elastin and proteins. It is a real cocktail of nutrients for the wellbeing of your skin. The supplement of Active Water Snail secretion filtrate, which is a latest generation ingredient, accentuates the natural properties of snail slime, making the lotion's formula precious. The Ducato's Olive Oil helps to sustain the biodiversity and it adds value the lotion by its emollient and anti ageing properties. The Damascena Rose Water has tonic action and it increases the moisturizing effect, together with the hyaluronic acid and the Aloe Vera it also has anti-aging properties.

### Ingredients:

#### **Snail secretion filtrate - nourishing, hydrating, elasticizing, antioxidant**

This specie produces a kind of mucous secretion made up by various substances, some of which are of high cosmetic interest, such as allantoin, glycolic acid, elastin and collagen, and some other vitamins, proteins and peptides. Scientists questioned whether these and other protective and regenerating substances, which cover the snail's body, could be used for their potentiality also in skin's treatments. Allantoin: it is a substance which stimulates the renewal of tissues, it stimulates the epidermis' turnover and it favours the proliferation of the keratinocytes (by substituting the dead skin's cells with new ones). Elastin: a protein which makes the skin elastic. Collagen: essential skin's constituent, which acts as hydrating and moisturizing. In virtue of its elasticizing properties, it makes the skin tonic and soft. Glycolic acid: it enables to exfoliate the surface layers of the skin and it directly stimulates the formation of collagen into the skin, making it brighter. Vitamins, essential amino acids and other proteins: they promote the peripheral vascularization and they 'oxygenate the skin', guaranteeing nutrients' supply and skin's hydration. Moreover, the present vitamins are antioxidant and healing.

### **Active Water Snail secretion filtrate - antioxidant, nourishing, hydrating, elasticizing**

By arising from the substrates' enzymatic hidrosis of snail slime in watery environment, this is an active principle of latest generation. This technology is based on the use of a series of enzyme-sequential biotechnological processes which therefore allow to break up the substrates in a specific manner, through targeted molecular cuts. The result is the increase in antioxidant power and an improved absorption of the active principle in the dermis. All the properties described are maintained in the snail's slime.

### **Ducato's Olive Oil - emollient, protective, anti-wrinkle, sebum-like**

This is an ingredient which helps to support biodiversity, understood as the activity of preserving the agro-alimentary varieties associated with a typical territory from their extinction, which is usually caused by the massive practice of industrial processes, which are necessary for highly requested products at the expenses of biodiversity. We therefore favour the re-cultivation of these more ecological ingredients.

The cultivation of olive trees in Emilia-Romagna dates back to ancient times: historical documents attest olive's cultivation in the past centuries in the towns of Bazzano, Mulazzano, Torrechiara, Langhirano, Fornovo, Paderna etc., while in the sixteenth century the first Duke of Parma and Piacenza wanted this tree to be planted in the area of Salsomaggiore. The Ducato's Oil, which is the first of Emilia's extra virgin olive oils, comes from few thousand years old olive trees. It is therefore important to save and envisage the multiplication of them, as they are a genetic source of great interest for future crops, because they are less energy-consuming and more resistant to adversities. Since very short time there has been a storage of its germ-plasma, in order to reproduce it through biodiverse agriculture and to save it from extinction. It is obtained from olives' pressing and it is rich in polyunsaturated fatty acids and contains unsaponifiable fractions, very similar to skin sebum, it has protective, anti-wrinkle and sebum-substitutive functions, as well as important actions on skin trophism, stimulating reparative processes on the epidermis and dermis.

### **Organic Damascena Rose Water - moisturizing, toning, anti-aging**

It 'a moisturizer: it retains water because of gelation rather than because of hygroscopicity. For this reason, when there are adverse weather conditions (we are exposed to direct sunlight, or we are in an environment with high temperature and low humidity) it forms a shield that hinders the processes of dehydration. It gives elasticity and tone to the skin, indeed it is often used as a firming. It is an anti-aging; it fights the formation of wrinkles, keeping the skin fresh and youthful.

### **Aloe Vera Organic Juice - moisturizing, anti-aging**

This is the mucilaginous contained in the inner parenchymatic tissues aloe barbadensis' (Aloe vera) leaves and obtained by cold pressing. Aloe is mostly used for moisturizing and anti-aging products. Thanks to its ability to soothe irritation and to reduce skin's redness, it is often part of solar products and other cosmetics used to contrast the aggressive effects of the weather on the skin.

### **Hyaluronic Acid Low MW - moisturizing, volumizing**

It is a mucopolysaccharide belonging to the glycosaminoglycans group (GAG). It looks like a white powder, soluble in water. It consists in a linear chain of disaccharide units of N-acetylglucosamine and glucuronic acid. the hyaluronic acid is one of the main components of human connective tissues and it gives to the skin the properties of resistance and maintenance of the structure and of the firmness. The hyaluronic Acid is able to bind a high number of water molecules, ensuring skin's hydration. It also has film-forming and thickeners properties, which are proportional to the weight.

### **Organic Mallow Extract - protective, emollient, soothing**

It is obtained from *Malva Sylvestris'* leaves, herbaceous plant belonging to the family of The Malvaceae. It appears as a fine, brown powder, partially soluble in water. From its leaves and flowers it can be obtained a mucilage consisting mainly of L-rhamnose, L-arabinose, L-galactose, D-glucose and galacturonic acid, which together with anthocyanins (malvin and malvidin) and vitamin A, B1 and C, constitute the active part of the powder. The mucilages are able to absorb a large amount of water, forming a fluid gel which, as a thin film, slowly provides water to the stratum corneum. The extract has therefore emollient, softening and protective properties. The mallow extract, thanks to its high content of mucilage with hydrating, soothing and anti-reddening action is used in the formulation of creams, milks and masks for dry, sensitive and irritated skins.

### **Vegetable Glycerin - Hydrating**

It is of vegetal origin, 100% natural and biodegradable. It is strongly hygroscopic and therefore able to absorb humidity from the air, regardless the varying of the atmospheric conditions. By virtue of its moisturizing, lubricants and emollients qualities in respect of the skin, and also thanks to its high tolerability at the cutaneous level, glycerin is widely used.

### How to use the product

Apply over your face some drops of the serum and massage until complete absorption. Avoid contact with eyes.

### Chemical-physics features

It does not contain colorants; its colour depends only on the presence of substances of natural origin. By being naturally derived, the colour could vary from lot to lot of production. Some slight variation of the colour does not represent an alteration of the product.

### Conservation directions

The duration of the product once opened refers to its conservation in normal and correct terms.

Ingredients: Snail Secretion Filtrate Extract, Snail Secretion Filtrate, Aloe Barbadensis Leaf Juice (\*), Glycerin, Propanediol, Citric Acid, Polyglyceryl-4 Caprate, Rosa Damascena Flower Water (\*), Malva Sylvestris Leaf Extract (\*), Hydrolyzed Hyaluronic Acid, Olea Euroaea Oil (\*\*), Aqua, Benzyl Alcohol, Xanthan Gum, Parfum, Sodium Benzoate, Ethylhexylglycerin, Tetrasodium Glutamate Diacetate, Potassium Sorbate.

(\*) Ingredients from organic agriculture

(\*\*) ingredients in support of biodiversity

COSMETIC PRODUCT FOR EXTERNAL USE ONLY







