Technical and qualitative information on the Loom Snail extract

**Ingredient:** Loom Snail Secretion extract (liquid, micro-filtrated, pure)

**Name:** Snail Secretion Filtrate

**Farmed species:** Helix aspersa Muller

**Loom Traceability:** Loom Snail Secretion (SS) is 100% produced in Italy under the strict control of local health authorities and under the continuous supervision of a team of veterinary doctors.

**General description:** Loom snail secretion is collected and filtered in two phases, the first consisting in roughing and the second in brightening. The snail secretion is maintained 100% pure and undiluted. Only some stabilizers are added.

**Origin:** 100% italian

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Cosmetic properties of snail secretion filtrate

The discovery of snail secretion filtrate as a cosmetic ingredient

In 1980, in Chile, the Bascunan family was breeding snails intended for the French culinary market. The workers employed in heliculture realized that their hands were incredibly soft and that the cuts on them were healing very quickly, without incurring into any infections or scarring.

Use in cosmetics

The Loom snail secretion is rich in mucopolysaccharides, which give it the characteristic viscosity and film-forming, protective and moisturizing properties. Therefore the snail secretion is successfully used in anti-aging products with film-forming effect.

Active molecules in snail secretion filtrate

The chemical analysis of the qualitative snail secretion showed a combination of active substances quite complex, with particular presence of allantoin, collagen, glycolic acid, lactic acid, anti-proteases, vitamins and minerals.

According to the cosmetic manufacturers and pharmaceutical laboratories, the snail secretion contains the following active components:

- **Allantoin:** a substance that stimulates tissue regeneration promotes the epidermal turnover and encourages the proliferation of keratinocytes (replacing the dead cells with new cells).
- **Collagen:** essential constituent of the skin acts as a moisturizer and softener. Due to its elasticity, makes the skin toned and soft.
- **Glycolic acid:** allows exfoliating the superficial layers of the skin and stimulates directly the formation of collagen in the dermis, making the skin more radiant.
- **Elastin:** protein that makes the skin elastic.
- **Vitamins, essential amino acids and other proteins:** encourage the peripheral vascularity and “oxygenate the skin” ensuring the supply of nutrients and the skin hydration. The vitamins play, also, an antioxidant and cicatrizing activity.
The Loom production: product quality and respect of the snail

Loom heliciculture (snail farming) consists in a complete organic breeding cycle of the snail. Our breeding is carried out exclusively on outdoor terrain, without covers or use of any protective structures. This method consists in introducing the snail in special enclosures, designed to mate and multiply. The secretion is not obtained from disused snails, but from those that arise from the coupling and develop in the fattening period. The choice of outdoor breeding distinguishes the Italian method from other European countries such as France and Spain, where the snail is maintained and bred under artificial conditions (in greenhouses, in containers, or closed).

Our farm is approximately 5,000 square meters wide; of which 4,000 are dedicated to the breeding of the snail. The snail is an insufficient hermaphrodite mollusk: each fecundated pair produces a dual deposition of eggs. The coupling and the deposition of about 40-80 eggs per snail, in our climates, generally takes place twice a year. The breeding area is divided into rectangular enclosures. In the precincts of breeding, the planting is following a specific pattern: in the middle a strip of sunflower (to feed the newborn); on the sides of this strip is sown chard and varied salads (for the feeding of the reproducers). For the last, two lateral strips of clover that serve as hiding place.

All snails are fed with sowed vegetables, with the addition of apples, pumpkins and cabbages all produced on site, without using any kind of chemical fertilizer nor pesticides or other poisons. The nutritional seed takes place sowing a mixture of chard, chicory, and a few rows of sunflower; this planting is done in the months of April-May (early spring).
Loom Secretion extraction

Loom snail secretion is obtained through manual stimulation, without harming the small animals. The first step consists in the collection of broadsides snails, with more than one year of age; following the washing up with plenty of drinkable water.

When the snails are clean we proceed moving them gently with the fingers into a tub for a few minutes: this method causes the dribbling, method of natural defense of the snails. Once the secretion is obtained, the snails are removed from the tub, washed carefully with water and are brought back into the breeding range where continue their normal life.

The secretion is then filtered and micro-filtered in order to remove any kind of impurities. This method is very laborious and expensive, but allows getting very high quality secretion as well as save the stress and the life of our snails.

Other manufacturers use machines that give an electrical shock and a vibration of nearly an hour, causing the death of more than 80% of the snails.
Loom Sérum (96%)

Intensive serum
96.20% snail secretion extract - fragrance free

Description: Loom Sérum guarantees a multi-action treatment: on the one hand operates a dermo-plastic, soothing, moisturizing, purifying, hydrating, elasticizing and energizing activity; on the other side it acts as an effective anti-aging, anti-free radical, skin protection, lightening, revitalizing and restructuring agent. It is indicated as a preventive measure, to keep all skin types in a eudermic condition, as an intensive intervention directed to the more mature, stressed skin, or with early signs of aging, characterized by sagging, lack of tonicity and presence of furrows, lentigo, etc. Gellifies solution, alcohol-free, nor oily, fresh and melting to the touch, thanks to its formula based on pure snail secretion, Loom serum is ideal to restore tone, vitality and freshness to the sensitive and dehydrated skin that is losing (or worse, that has lost) the condition of well-being as a result of endogenous phenomena, related to the type of the skin or aging, or exogenous induced by exposure to many different stress factors (make-up, smoke, atmospheric agents, UV treatment).

Fields of use: Acne, scars, wrinkles, dry skin, skin blemishes, burns, scorches.
Methods of use: Distribute a few drops of Loom Sérum on the face and décolleté morning and evening. Allow to dry a few moments. Excellent when combined with Loom Crème or Loom Crème Riche. Recommended duration of the treatment: 3 months.
Contains: Micro-filtered snail secretion extracts, aloe vera gel*, natural hyaluronic acid, ginseng extract*, calendula extract*, echinacea extract, yarrow extract*.

Ingredients Aqua, Snail secretion filtrate, Aloe barbadensis gel*, Sodium hyaluronate, Hamamelis virginiana extract*, Panax ginseng extract*, Calendula officinalis extract*, Achillea millefolium extract*, Glycerin, Citric acid, Cellulose gum, Sodium benzoate, Potassium sorbate, Benzyl alcohol. *from organic agriculture

Airless Bottle 30 ml
Loom Crème (79%)  

Moisturizing, regenerating and cicatrizing cream  
79.59% snail secretion extract - Fragrance free

**Description:** Loom Crème has unique qualities because it naturally contains precious substances that have been used for years in the development of antiaging, repair creams such as: collagen, allantoin (soothing and elastizing proprieties), elastin, vitamin ACE, glycolic acid (stimulates the production of collagen) elastin and proteins. The snail secretion is one of the best substances for the treatment and regeneration of the skin. It contains antioxidants that can slow down the process of aging by eliminating free radicals, and its protein content is essential in returning the healthy, young and tonic skin look. Loom Crème combats premature wrinkles with a natural lifting effect, rejuvenates face skin, especially around the eyes and lips, softens expression lines, but most visibly reduce the signs of acne, chicken pox, scars, blemishes and burns. The use of snail secretion extract is recommended all year long because of its quick absorption (great in summer) and its odorless, non-greasy and hypoallergenic nature. It can be used before makeup and sunscreen. Great to use after the sun because it refreshes and helps the tan. Used cold (perhaps stored in a refrigerator) softens and fights varicose veins, deflating and relieving greatly.

**Fields of use:** Acne, scars, skin blemishes, burns, scorches.  
**Methods of use:** After applying Loom Sérum, apply a small quantity of Crème and allow drying a few moments. Repeat morning and evening. Recommended duration of the treatment: 3 months.  
**Contains:** Micro-filtered snail secretion extracts, beeswax, calendula extract*, Oats extract*, natural hyaluronic acid, allantoin, vitamin E.

**Ingredients** Aqua (Water), Glyceryl stearate SE, Snail secretion filtrate, Caprylic/capric triglyceride, Sodium stearoyl lactylate, Cetearyl alcohol, Cera alba, Decaprylyl carbonate, Coco-caprylate, Sorbitan stearate, Calendula officinalis extract*, Avena sativa extract*, Sodium hyaluronate, Allantoin, Tocopheryl acetate, Glycerin, Potassium sorbate, Sodium benzoate, Benzyl alcohol, Lactic acid. *from organic agriculture

Airless Bottle 50 ml
Loom Crème Riche (78%)

Dermoplastic, anti-aging and cicatrizing cream - mature skin
78.45% snail secretion extract - Fragrance free

**Description:** Loom Crème Riche is a nourishing, anti-aging, rejuvenating and firming cream that provides a durable contribution of plastic substances, lipids and active substances capable of acting on the different skin layers in order to restore nourishment, firmness, elasticity and visibly reduce wrinkles and aging signs.
Its regular use is recommended for at least 3 months in order to regenerate the skin deeply, implement a complete process of purification and dermoplastic. Its daily use makes the skin regain a relaxed, young, moisturized, fresh and bright aspect.

**Fields of use:** Wrinkles and signs of aging, dry skin and withered skin blemishes.
**Methods of use:** After applying Loom Sérum, apply a small quantity of Crème Riche and allow drying a few moments. Repeat morning and evening. Recommended duration of the treatment: 3 months.
**Contains:** Micro-filtered snail secretion extracts, beeswax, ginseng extract*, horsetail extract*, ivy extract*, natural hyaluronic acid, vitamin E, lactic acid, allantoin.

**Ingredients** Aqua (Water), Glyceryl stearate SE, Snail secretion filtrate, Caprylic/capric triglyceride, Sodium stearoyl lactylate, Cetearyl alcohol, Glycerin, Cera alba, Decaprylyl carbonate, Coco-caprylate, Sorbitan stearate, Panax ginseng extract*, Equisetum arvense extract*, Hedera helix extract*, Sodium hyaluronate, Tocopheryl acetate, Lactic acid, Allantoin, Potassium sorbate, Sodium benzoate, Benzyl alcohol.
*from organic agriculture

Airless Bottle 50 ml
Loom Crème Contour Yeux (78%)  

Treatment for the eye contour area with moisturizing, regenerating and smoothing action
78% snail secretion extract - Fragrance freee

**Description:** Crème Contour Yeux is a soft and refined emulsion designed for the needs of the eye contour area. It contains Italian, micro-filtered and purified of snail secretion extract (78%), hyaluronic acid and selected organic botanical extracts. Fragrance free. Dermatologically tested. The snail secretion has a moisturizing, nourishing and smoothing action, allowing a gradual rejuvenation of the tissues around the eyes contour area. Hyaluronic acid promotes optimal moisturization of the skin increasing its elasticity and softness.

**Fields of use:** Treatment of the eye contour area in presence of wrinkles, “crow’s feet” and signs of skin due to expressions, UV exposure and time.

**Methods of use:** Apply a sufficient quantity of the product on the skin and massage gently. Repeat morning and evening. Recommended duration of treatment: 3 months.

**Contains:** Micro-filtered snail secretion extract, beeswax, vegetable allantoin, chamomile extract*, hyaluronic acid, vitamin E, extract of witch hazel*.

**Ingredients**  
Aqua (Water), Glyceryl stearate SE, Snail secretion filtrate, Caprylic/capric triglyceride, Sodium stearoyl lactylate, Cetearyl alcohol, Cera alba (Beeswax), Decaprylyl carbonate, Coco-caprylate, Sorbitan stearate, Sodium hyaluronate, Undecane, Tridecane, Allantoin, Lactic acid, Chamomilla recutita (Matricaria) flower extract*, Tocopheryl acetate, Hamamelis virginiana (Witch hazel) leaf extract*, Glycerin, Sodium benzoate, Benzyl alcohol, Potassium sorbate.  
*from organic agriculture

Airless Bottle 30 ml
Loom Crème Mains (78%)

Hand cream with snail secretion extract
78.80% snail secretion extracte

Description: A refined formula with a high content of snail secretion extract. Ideal for dry, chapped, mature hands. The naturally active ingredients contained in the snail secretion reconstitute the tissues, giving surprising results a visible reduction of skin spots, redness and scarring.

Fields of use: Scars, skin spots, dry skin, burns.

Methods of use: Apply a small amount of Crème Mains and massage until gets completely absorbed. Repeat morning, evening and whenever there is the need. For optimum results, and in the case of particularly damaged skin, it is recommended to use first a few drops of Serum Loom. Not greasy. Recommended duration of the treatment: 3 months.

Contains: Micro-filtered snail secretion extract, oat extract*, calendula extract*, bisabolol, vitamin E, xylitol, panthenol, allantoin, lactic acid.

Ingredients Aqua (Water), Cetearyl alcohol, Glycerin, Snail secretion filtrate, Caprylic/capric triglyceride, Coco-caprylate, Coco-glucoside, Arachidyl glucoside, Arachidyl alcohol, Behenyl alcohol, Avena sativa extract*, Calendula officinalis extract*, Bisabolol, Tocopheryl acetate, Xylitol, Panthenol, Lactic acid, Allantoin, Potassium sorbate, Sodium benzoate, Benzyl alcohol, Parfum. *from organic agriculture

Tube 50 ml
Loom Crème de Corps (74%)

Dermoplastic treatment for body with moisturizing, regenerating and smoothing action
74% snail secretion extract

**Description:** Crème de Corps is a rich, refined formula for body care, suitable for all skin types. It contains Italian, micro-filtered and purified snail secretion extract (74%), organic sweet almond oil and organic extracts of oats and ginseng. Dermatologically tested. It improves skin elasticity and keeps the skin well moisturized thanks to plant extracts and oils. Due to the significant presence of snail secretion extract, Loom Crème de Corps performs a smoothing action rendering the skin elastic and compact. It is recommended for the treatment and prevention of stretch marks, scars, skin blemishes, and acne marks.

**Fields of use:** Stretch marks, scars, dry skin, atonic and sagging, acne, skin blemishes.

**Methods of use:** Apply on the body skin with a gentle massage at least once a day. Recommended duration of treatment: 3 months.

**Contains:** Micro-filtered snail secretion extracts, vitamin E, organic sweet almond oil*, aloe vera gel*, ginseng extract*, oat extract*, lactic acid.

**Ingredients** Aqua (Water), Glyceryl stearate SE, Caprylic/capric triglyceride, Snail secretion filtrate, Coco-caprylate, Glycerin, Undecane, Glyceryl stearate, Tocopheryl acetate, Prunus amygdalus dulcis (Sweet almond) oil*, Aloe barbadensis gel* (Aloe barbadensis leaf juice*), Panax ginseng root extract*, Avena sativa (Oat) bran extract*, Cetearyl alcohol, Tridecan, Allantoin, Lactic acid, Sodium benzoate, Benzyl alcohol, Potassium sorbate, Parfum (Fragrance). *from organic agriculture

**PE Bottle with dispenser 200 ml**
Characteristics of Loom products

Use of 100% Italian pure, micro-filtrated Snail Secretion filtrate;

Natural extraction methods, without causing any damage or disturbance to the snails;

ICEA organic certification;

Fragrance-free
(Crème Mains contains a delicate fragrance without allergens);

High product performance;

Airless bottles that protect the product avoiding the contact with air.