

**For the use only of a Registered Medical Practitioner or a Hospital or a Laboratory Only**

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## CUTICAPIL

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### INGREDIENTS

Aqua [Water (and) Saccharum officinarum (Sugar Cane) Extract (and) Citrus limon (Lemon) Fruit Extract (and) Betaine (and) Hexylene Glycol (and) Pyrus malus (Apple) Fruit Extract (and) Camellia sinensis Leaf Extract (and) Hexapeptide-11], Glycerin, PEG-12 Dimethicone, Polyquaternium-7, Panthenol, Butylene Glycol (and) Aqua (and) PPG-26-Buteth-26 (and) PEG-40 Hydrogenated Castor Oil (and) Apigenin (and) Oleanolic Acid (and) Biotinoyl Tripeptide-1, Niacinamide, Propylene glycol, PEG-40 Hydrogenated Castor Oil, Phenoxyethanol (and) Ethylhexylglycerin, Cocos Nucifera (Coconut) Liquid Endosperm, Hydroxyethyl cellulose, Fragrance, Sodium Hydroxide, Disodium EDTA, Arginine, Butylated Hydroxytoluene, Tetrahydropiperine (Cosmoperine®)

### INDICATIONS

**Cuticapil Hair Serum** is packed with bioactives and micronutrients that help to minimize hair fall, Nourishes and Strengthens hair root.

### DIRECTION FOR USE

Make sure your scalp is dry; part your hair in the area of hair thinning; Take 1 ml of Cuticapil and spread the liquid evenly over the hair loss area. If you are using fingers, wash hands with soap and water.

### How to use Cuticapil Hair Serum?

Step 1: Take sufficient quantity of Cuticapil Hair Serum on your palm

Step 2: Part hair and apply serum directly to the scalp

Step 3: Gently massage the scalp with your fingertip

Step 4: Recommended to apply twice daily, after bath and before bed time.

### CONTRAINDICATIONS

Do not apply on broken skin. Do not use on scalp that is red, painful, cut or infected. Avoid contact with eyes. If contact occurs wash with plenty of water. Do not use if you have hypersensitivity to the active substance or to any of the excipients.

### DESCRIPTION

#### Active ingredient

#### **Cococin CG (0.5%)**

A green tender coconut water extract rich in growth promoters stimulate fibroblast proliferation, thus promoting growth.

#### **Cosmoperine (0.01%)**

Cosmoperine is obtained from black pepper and standardized to contain minimum 98.5% Tetrahydropiperine. It is a proven dermal penetration enhancer.

#### **Niacinamide (NLT 0.9%)**

Niacinamide (Nicotinamide) is also known as vitamin B3. Niacinamide is essential nutrient for healthy skin and hair. Niacinamide increases blood circulation in the scalp, therefore it helps revitalise scalp and stimulate healthy hair growth. As it has anti-inflammatory and antioxidant

properties, niacinamide helps to soothe irritation and reduce hair loss. Clinical testing of niacinamide produced no stinging sensation at concentrations up to 10%, use tests produced no irritation at concentrations up to 5%, and a 21-day cumulative irritation test at concentrations up to 5% resulted in no irritancy.

#### **D-Panthenol (1.0%)**

D-Panthenol in haircare products: A. Gives the hair long lasting moisturisation B. Improves the manageability of the hair C. Reduces the formation of split ends D. Improves the condition of damaged hair E. Thickens the hair-& shine hair. Skin irritation and sensitization studies of D-panthenol at concentrations up to 0.5% indicated that it was mild irritants but did not induce allergic sensitization. No test substance-related eye irritation were reported for 23 subjects receiving instillations of products containing 0.1 % Panthenol.

#### **L-arginine (0.05%)**

Several publications stated that the amino acid L-arginine has an enormous effect on hair growth. As a precursor to nitrogen oxide, the vasodilatory effect of arginine promotes hair growth. The blood supply to the hair is then improve, which in turn stimulates hair growth.

#### **Procapil (1%)**

Procapil combines vitaminated matrikine (biotinyl-GHK) with apigenin and oleanolic acid to prevent the main areas of hair loss. Thus, three active substances, oleanolic acid to inhibit 5 $\alpha$ -reductase, apigenin to enhance blood perfusion and biotinyl-GHK for enhanced anchoring of the hair with strengthened growth.

#### **AC Hair and Scalp Complex Hexapeptide-11**

It is a biofermented peptide that has been shown in *in vitro* genomic studies, run on human dermal fibroblasts, to upregulate key genes responsible for collagen production and important extracellular matrix components such as hyaluronic acid. In a gene microarray study conducted on human dermal fibroblasts, it was found that topical treatment with Hexapeptide-11 was able to upregulate the Androgen Receptor gene (AR) indicating that the peptide appears capable of binding to the Androgen Receptor much the way testosterone will. This suggests that Hexapeptide-11 may be able to influence the principal biochemical pathways responsible for converting young velus hair into mature terminal hair. In addition, Hexapeptide-11 has also been shown to improve skin elasticity *in vivo* suggesting that it can function to improve the skin's underlying matrix proteins such as collagen and elastin. All of these functions are important for improving scalp and follicle health.

This compound improves health of follicle, reduction in hair loss, anti-inflammatory / anti-oxidant activity and increases penetration of actives to follicle.

- It addresses hair and scalp aging at cellular level
- Improves health of follicle
- Reduction in hair loss
- Anti-inflammatory / anti-oxidant activity
- Increases penetration of actives to follicle

#### **Sugar-beet betaine (trimethylglycine)**

It has been shown *in vitro* to stimulate the production of collagen in human dermal fibroblasts. Improving the production of collagen in the skin helps to strengthen the extracellular matrix where the hair bulb principally resides. Betaine is also known to be part of the important cascades for cellular production of ATP, the energy molecule of every living cell. Enhancing the energy cascades

of the hair bulb improves the ability of the hair to function during the anagen or growth cycle of the hair fiber.

### **Fruit extracts**

Fruit extracts isolated from sugar cane, lemon and apple offer natural exfoliating action through the action of a-hydroxy acids promoting cell renewal on the scalp. This helps clear the follicles of excessive build-up of dead cells, allowing more room for thicker hair growth. In addition, the natural pH of the scalp is slightly acidic, so the acidic nature of AC Hair and Scalp Complex ensures that hair proteins are kept hard and more resistant to breakage.

### **Green tea extracts**

Green tea extracts which are known to contain important and beneficial isoflavones protect the scalp from both oxidative stress and UV radiation and have well-documented soothing benefits for skin.

### **UNDESIRABLE EFFECTS**

No known side effects observed. Minor ocular and dermal irritation may occur.

### **EXPIRY DATE**

Do not use later than the date of expiry.

### **STORAGE AND HANDLING INSTRUCTIONS**

Store at a temperature not exceeding 30°C, Do not freeze.

### **PRESENTATION**

75 ml packed in PET bottle with nozzle spray pump.

### **DETAILS OF MANUFACTURER**

Sami-Sabinsa Group Limited

At: Plot No. 47 & 48, Sec 6A, IIE,

SIDCUL, Ranipur, Haridwar-249403, Uttarakhand, India.

### **DETAILS OF PERMISSION OR LICENCE NUMBER WITH DATE**

Mfg Lic No. 5/C/UA/LL/2014 issued on 22.01.2021

### **DATE OF REVISION**

**DEC 2021**

### **MARKETED BY**



TORRENT PHARMACEUTICALS LTD.

For customer care: contact customer care

Officer at the marketing office address or call

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**IN/CUTICAPIL 75 ml/DEC-21/02/PI**