

CLR Formulation Concepts

Ampoule Treatment for Oily Scalp & Anti-Hair Loss

Having a well-balanced scalp is visible and shown with healthy and beautiful hair. Itching, dandruff and hair loss can be very stressful and annoying for the affected people. With this Ampoule Treatment, the natural balance of the scalp will be maintained. Applying an overnight scalp treatment is an intelligent approach to reach the best results. Micellar technology ensures purifying of the scalp. **CutiBiome CLR™** effectively soothes scalp and noticeably reduces itch for more comfort. It potently fights scalp oiliness and dandruff. **Folicusan™ DP** prevents hair loss. Hair density as well as cumulative hair thickness are increased. **MultiMoist CLR™** moisturizes the scalp.

Directions for use:

Apply the treatment to the scalp and massage gently.



Featured Products

CutiBiome CLR™ – Calibrating the skin's ecosystem



CutiBiome CLR™ is a synergistic complex of lipophilic extracts from manuka, black pepper and magnolia. It provides essential support for the natural balance between skin and its microbiota in difficult situations, like acne and dandruff.

CutiBiome CLR™ was shown to reduce expression of 5α-reductase and the production of inflammatory mediators. *In vivo* studies showed potent reduction of dandruff. CutiBiome CLR™ supports the scalp microbiota to return to its normal healthy state, more effectively than Piroctone Olamine. It also outperforms this benchmark ingredient in reducing scalp oiliness, scalp sensitivity and itch.

Dosage: 1.5–3.0%
pH range: 4.0–7.0

INCI Name:
Octyldodecanol, Leptospermum Scoparium Branch/Leaf Oil, Piper Nigrum Seed Extract, Magnolia Officinalis Bark Extract

Folicusan™ DP – Prevents accelerated hair loss



Folicusan™ DP stimulates the functionality of the dermal papilla cells at the base of the hair follicles, thus counteracting premature hair loss. It increases the number of anagen hair follicles (growth stage) and decreases that of telogen hair follicles (resting stage). Hair density as well as cumulative hair thickness are increased. Folicusan™ DP contains biologically active signaling proteins, ethyl panthenol (provitamin B5), inositol as well as acetyl cysteine and acetyl methionine in a water-ethanol medium.

Dosage: 3.0–5.0%
pH range: >5.8

INCI Name:
Water, Alcohol Denat., Panthenyl Ethyl Ether, Milk Protein, Lactose, Inositol, Acetyl Cysteine, Acetyl Methionine, Sodium Citrate, Citric Acid

MultiMoist CLR™ – Mapping the moisturization puzzle



MultiMoist CLR™ activates production of the vitamin D receptor (VDR) and promotes the VDR's activation. MultiMoist CLR™ also potentiates the effect of vitamin D. As a consequence the skin becomes more moisturized. By making use of 5 different objective instrumental approaches, the immediate and long term moisturizing properties of MultiMoist CLR™ were convincingly proven. Additionally, the activity of MultiMoist CLR™ was proven in a consumer study, where the subjective improvement of skin moisture content, skin smoothness and the look of skin were confirmed.

MultiMoist CLR™ consists of a powerful synergistic blend of fructooligosaccharides and beta vulgaris (beet) root extract.

Dosage: 3.0%
pH range: 3.0–8.0

INCI Name:
Fructooligosaccharides,
Beta Vulgaris (Beet) Root Extract,
Water

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PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	Tego Solve 61 MB	Polyglyceryl-6 Caprylate, Polyglyceryl-3 Cocoate, Polyglyceryl-4 Caprate, Polyglyceryl-6 Ricinoleate	Evonik	6.00
	CutiBiome CLR™	Octyldodecanol, Leptospermum Scoparium Branch/Leaf Oil, Piper Nigrum Seed Extract, Magnolia Officinalis Bark Extract	CLR	1.50
	Rheance One	Glycolipids	Evonik	2.00
B	Deionized Water	Water		ad 100
	MultiMoist CLR™	Fructooligosaccharides, Beta Vulgaris (Beet) Root Extract, Water	CLR	3.00
	Dermosoft OMP	Methylpropanediol, Caprylyl Glycol, Phenylpropanol	Evonik	3.00
C	NaOH (32%)	Water, Sodium Hydroxide		q.s.
D	Follicusan™ DP	Water, Alcohol Denat., Panthenyl Ethyl Ether, Milk Protein, Lactose, Inositol, Acetyl Cysteine, Acetyl Methionine, Sodium Citrate, Citric Acid	CLR	5.00
E	Perfume Tilia WS	Fragrance	Voegelé	0.15

Operating Instructions:

Dissolve A and stir well. Slowly add B in the given order and mix until uniform. Adjust pH value to 6–6.5 with C. Add D and stir until homogeneous. Add E as desired.

Directions for use:

Apply the treatment to the scalp and massage gently.

The recommendations and formulations given are based on our knowledge and experience in the field of technical application. They are, to the best of our belief, correct, but are offered without obligation. Those who use our recommendations and formulations as well as those who process CLR Active Agents are themselves responsible for the adherence to prevailing statutory regulations and the observance of patent rights as well as other protective rights for other companies. This formula has been manufactured and stability-tested using a special preservative, but has not been subjected to microbiological challenge tests.

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