

CLR Formulation Concepts

Well-Being Scalp Treatment

Healthy hair starts with healthy scalp and the scalp is one of the areas of our skin which is most exposed to stress. Scalp skin suffers constantly and if scalp skin suffers, quality of hair and hair growth suffer, too. In order to address the multifaceted problems the scalp is confronted with, this well-being scalp treatment was developed.

Vitamin F forte strengthens the scalp's barrier properties and water holding capacity. **MultiMoist CLR™** and **Vitamin F forte** work synergistically together to deeply moisturize and nourish the scalp.

AnnonaSense CLR™ reduces the production of key inflammatory mediators and sustainably stabilizes a healthy homeostasis in skin. It reduces sensitivity and itching. With this treatment scalp is re-balanced and nourished for a long-lasting feeling of well-being.



Directions for use:

Apply on the affected scalp and gently massage.

Featured Product



AnnonaSense CLR™ – Adaptogenic approach for skin health

AnnonaSense CLR™ provides the skin with means to establish a sustainable homeostatic balance, improving skin health and well-being. The potent adaptogenic action of AnnonaSense CLR™ supports the skin's endocannabinoid system by activating the CB2 receptor. Through this action, it reduces inflammatory processes induced by TRPV1. Histamine-, as well as TNF α /Substance P-induced stress is down-regulated and the expression of a vital detrimental receptor in skin, IL-31RA, is decreased. AnnonaSense CLR™ makes the skin less sensitive and more balanced, even itch is perceivably reduced. Skin appearance is improved and the perception of well-being and quality of life is enhanced. AnnonaSense CLR™ is obtained from *Annona cherimola*, common name Cherimoya, an edible fruit originating from South America.

Dosage: 3.0%

pH range: >5.2

INCI Name:

Annona Cherimola Fruit Extract



Vitamin F forte – Essential fatty acids nourishing skin

Vitamin F forte nurtures, protects and acts as a skin conditioner. It is particularly suitable for the treatment of dry, stressed and sensitive skin, potently supporting the skin in rebuilding and maintaining its natural healthy structure and functionality. Vitamin F forte also has some great benefits for hair. Vitamin F forte contains natural polyunsaturated essential free fatty acids originating from safflower oil, with a particularly high content of linoleic acid.

Dosage: 0.5–3.0%

pH range: 3.0–10.0

INCI Name:

Linoleic Acid, Linolenic 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

Well-Being Scalp Treatment

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PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	DEIONIZED WATER	WATER		Ad 100
	MICROCARE SB	WATER, SODIUM BENZOATE POTASSIUM SORBATE	THOR	0.50
	RHEOCARE XGN	XANTHAN GUM	BASF	0.25
B	EUMULGIN L	PPG-1-PEG-9 LAURYL GLYCOL ETHER	BASF	3.00
	COPHEROL F 1300 C	TOCOPHEROL	BASF	0.01
	ETHANOL (96%) DENATURED	ALCOHOL DENAT.	BERKEL AHK	7.00
	LAVENDER OIL	LAVANDULA ANGUSTIFOLIA (LAVENDER) OIL	FREY + LAU	0.10
	LIME OIL	CITRUS AURANTIFOLIA (LIME) OIL	VOEGELE	0.10
	VITAMIN F FORTE	LINOLEIC ACID LINOLENIC ACID	CLR	0.50
C	ANNONASENSE CLR™	ANNONA CHERIMOLA FRUIT EXTRACT	CLR	3.00
	MULTIMOIST CLR™	FRUCTOOLIGOSACCHARIDES, BETA VULGARIS (BEET) ROOT EXTRACT WATER	CLR	3.00

Manufacture:

Mix A and stir until uniform. Premix B and add to A, stir for a short moment. Add C in this order and stir until uniform.

Directions for use:

Apply on the affected scalp and gently massage.

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.

CLR

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