

CLR Formulation Concepts

After Sun Face & Body Gel

This intensive Face & Body Gel was developed to leave sun-stressed skin moisturized and nurtured for a long-lasting feeling of well-being.

MultiMoist CLR™ provides face & body with immediately and long-lasting moisturizing effects for all day hydration and extra care. **ProBioBalance CLR™ NP**, which is based on probiotic technology, helps the skin cells strengthen their immunological capacity. It enables the skin cells to repair their damage from within. **AnnonaSense CLR™** reduces the production of key inflammatory mediators and sustainably stabilizes a healthy homeostasis in skin. It reduces sensitivity and itching. Skin appearance, well-being and quality of life are clearly improved.

Directions for use:

Apply on face & body generously. Gently massage into the skin or leave on the skin as gel mask.



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 TNFα/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 perceptibly 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



ProBioBalance CLR™ NP – Healthy nutrition for the skin

ProBioBalance CLR™ NP activates cellular processes involved in cellular nutrition and helps activate detoxification processes. The metabolic activity of skin cells is increased, and the skin's immune system strengthened and protected against environmental stress. The application of ProBioBalance CLR™ NP leads to reduction of skin inflammation and also actively prepares skin for external stresses. ProBioBalance CLR™ NP consists of probiotic bifido cultures which are suspended and disintegrated in a biologically active milk-based matrix.

Dosage: 2.0–5.0%

pH range: 5.8–7.0

INCI Name:

Water, Lactose, Milk Protein, Bifida Ferment Lysate



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

After Sun Face & Body Gel

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PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	DEIONIZED WATER	WATER		Ad 100
	AMAZE XT	DEHYDROXANTHAN GUM	NOURYON	1.00
B	VERSTATIL BOB	BENZYL ALCOHOL, CAPRYLYL GLYCOL, BENZOIC ACID	EVONIK DR. STRAETMANS	1.00
	MULTIMOIST CLR™	FRUCTOOLIGOSACCHARIDES, BETA VULGARIS (BEET) ROOT EXTRACT, WATER	CLR	3.00
C	NAOH (32%)	WATER, SODIUM HYDROXIDE		q.s.
D	PROBIOBALANCE CLR™ NP	WATER, LACTOSE MILK PROTEIN, BIFIDA FERMENT LYSATE	CLR	5.00
	ANNONASENSE CLR™	ANNONA CHERIMOLA FRUIT EXTRACT	CLR	3.00
E	PERFUME OIL: JARDIN MAJORELLE PMF WS	FRAGRANCE	VOEGELE	0.20

Manufacture:

Add Amaze XT to water and stir until completely dispersed; or homogenize with Ultra Turrax until uniform. Add B in the given order and adjust pH value to ~7 with C. Add D in the given order and stir until homogenous. Add E as desired.

Directions for use:

Apply on face & body generously. Gently massage into the skin or leave on the skin as gel mask.

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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