

CLR Formulation Concepts

Happy Skin Body Lotion OW

Changing temperatures and hot showers can unbalance the skin. Our **Happy Skin Body Lotion** supports skin with a smart combination of three highly effective active ingredients to provide skin with all it needs to feel and look moisturized all day long.

AnnonaSense CLR™ reduces sensitivity and itching. It sustainably stabilizes a healthy homeostasis in skin, improving skin appearance and perception of well-being. **Vitamin F forte** works as a skin conditioner and supplies the skin with essential ingredients for it to recreate its barrier function. **MultiMoist CLR™** compensates for a lack of vitamin D, promotes epidermal differentiation and provides the skin with a healthy level of hydration and smoothness.

Directions for use: Apply on your body and gently massage into the skin.



Featured Products

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 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

AnnonaSense CLR™

is preserved with sodium dehydroacetate and phenylpropanol.

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.

Also available as **Vitamin F water-soluble CLR** in water-soluble form. In addition, essential fatty acids in ester form are available as **Vitamin F Ethyl Ester CLR** and **Vitamin F Glyceryl Ester CLR**.

Dosage: 0.5–3.0%

pH range: 3.0–10.0

INCI Name:

Linoleic Acid, Linolenic Acid

Vitamin F forte

is stabilized with a natural tocopherol concentrate.

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

MultiMoist CLR™
is unpreserved.

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PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	Glycerol 85%, vegetable Ph. Eur.	Glycerin	Gustav Heess	6.00
	Genuvisco CG-131	Carrageenan	CP Kelco	0.30
B	Keltrol T Plus	Xanthan Gum	CP Kelco	0.23
	Deionized Water	Water		ad 100
	Nipaguard SCE	Sorbitan Caprylate, Propanediol, Benzoic Acid	Clariant	1.40
	NaOH (32%)	Water, Sodium Hydroxide		q.s.
C	Vitamin F forte	Linoleic Acid, Linolenic Acid	CLR	3.00
	Dermofeel Toco 70 non GMO	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	Evonik	0.10
	Cetiol J 600	Oleyl Erucate	BASF	12.00
	Cetiol C 5C	Coco-Caprylate/Caprates	BASF	12.00
	Myritol 318 MB	Caprylic/Capric Triglyceride	BASF	10.00
	Sisterna SP70-C	Sucrose Stearate	Sisterna	3.25
D	MultiMoist CLR™	Fructooligosaccharides, Beta Vulgaris (Beet) Root Extract, Water	CLR	3.00
	AnnonaSense CLR™	Annona Cherimola Fruit Extract	CLR	3.00
E	Perfume Tilia WS	Fragrance	Voegele	0.25

Operating Instructions: Predisperse A. Mix B and C separately. Add A to B and stir until homogeneous. Add C to AB and homogenize for 3 minutes. Add D in this order and stir until uniform. Add E as desired.

Directions for use: Apply on your body and gently massage into the skin.

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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