

CLR Formulation Concepts

More Comfort Body Milk OW

Aging skin starts to lose its firmness and gets easily dry and irritated. Our Firming Body Milk provides skin with a smart combination of three highly effective active ingredients to provide aging skin with all it needs to feel and look good all day long.

ProRenew Complex CLR™ works from the 'bottom up' and supports the biological mechanisms inside the skin which are responsible for its renewal processes. **MPC™** effectively reduces visible signs of aging and improves skin structure. **AnnonaSense CLR™** reduces sensitivity and itching. It sustainably stabilizes a healthy homeostasis in skin, improving skin appearance and perception of well-being.

Directions for use:

Apply on the whole body and rub in gently until absorbed.



Featured Products

ProRenew Complex CLR™ – Postbiotic support for skin and its microbiota



Application

- skin regeneration
- barrier maintenance and repair
- skin protection

Based on probiotic technology, ProRenew Complex CLR™ acts on essential features in the aging process of the skin, its ability to successfully adapt to a constantly changing environment and to effectively renew itself.

ProRenew Complex CLR™ positively influences the speed and quality of epidermal growth. It has shown to effectively promote desquamation, the shedding of dead cells. ProRenew Complex CLR™ is beneficial for both the health of skin and the skin microbiota. It balances and protects the skin microbiota and supports it in dealing with day-to-day stress.

Dosage: 3.0%
pH range: 4.0–7.0

INCI Name:
Lactococcus Ferment Lysate

ProRenew Complex CLR™ is preserved with sodium benzoate.

Also available as **ProRenew Complex CLR™ NP**, stabilized with phenylpropanol and levulinic acid/sodium levulinate.

AnnonaSense CLR™ – Adaptogenic approach for skin health



Application

- soothing, calming, anti-stress

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

AnnonaSense CLR™ is preserved with sodium dehydroacetate and phenylpropanol.

MPC™–Milk Peptide Complex – the regenerative cosmetic activ



MPC™ reduces the visible signs of aging by reactivating skin cells and inducing the production of extracellular matrix molecules in the dermis, such as collagen Type I, hyaluronic acid and fibronectin. *In vivo* studies have shown that formulations with MPC™ make the skin firmer and improve its elasticity. MPC™ quickly and effectively reduces wrinkle depth and improves the structure of the skin.

MPC™–Milk Peptide Complex contains a complex of activated, natural signaling growth factors derived from milk, such as TGF-β.

Dosage: 0.5%
pH range: 6.0–7.0

INCI Name: Whey Protein

MPC™–Milk Peptide Complex is unpreserved.

Application

- anti-wrinkle, firming, smoothing
- skin regeneration

CLR Formulation

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PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	Deionized Water	Water		add 100
	Glycerin 86%	Glycerin, Water	Gustav Heess	3.00
	Hydrolite-5	Pentylene Glycol	Cosnaderm	5.00
	Rheocare XGN	Xanthan Gum	BASF	0.80
B	Eumulgin SG	Sodium Stearoyl Glutamate	BASF	0.41
	Lanette O MB	Cetearyl Alcohol	BASF	0.50
	Cutina HVG	Hydrogenated Vegetable Glycerides	BASF	2.00
	Cetiol C 5	Coco-Caprylate	BASF	3.00
	Myritol 318 MB	Caprylic/Capric Triglyceride	BASF	4.00
	Cetiol LC	Coco-Caprylate/Caprates	BASF	4.00
C	ProRenew Complex CLR™	Lactococcus Ferment Lysate	CLR	3.00
	MPC™ - Milk Peptide Complex	Whey Protein	CLR	0.50
D	AnnonaSense CLR™	Annona Cherimola Fruit Extract	CLR	3.00
E	Perfume I'm In Control	Fragrance	IFF	0.25

Operating Instructions:

Mix A and predisperse until homogeneous. Heat up A and B to 80°C separately. Add A to B and homogenize. Cool down while stirring. Add C/D in the given order. Adjust pH value to 6-7 if necessary. Add E as desired.

Directions for use: Apply on the whole body and rub in gently until absorbed.

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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