

CLR Formulation Concepts

Keep Your Balance Day Shot 2

Having stressful days can irritate the skin. The formulation will help you to keep your skin in balance throughout the day and leaves the skin super smooth and soft.

CutiGuard CLR™ protects the skin cells from the three main influences on skin aging: external stress, internal stress and time. It reduces wrinkles and improves skin color evenness. **ProRenewComplex CLR™** safeguards the skin's ecosystem and improves overall skin quality and health. **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:

Take a few drops and gently massage into the skin.



Featured Products

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



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.

CutiGuard CLR™ – Your Personal Guard



Based on the extremophile red alga *Galdieria sulphuraria*, CutiGuard CLR™ constitutes a refined approach to the first signs of skin aging. It transfers the adaptivity and resilience of *Galdieria sulphuraria* to a highly effective, natural active ingredient that protects the skin in stressful environments.

Skin aging starts in the skin cells, which, during a lifetime, accumulate damage. Extrinsic and intrinsic factors add damage, leading to prolonged inflammation and cell senescence. CutiGuard CLR™ reduces the number of senescent cells and associated inflammatory and destructive mediators which lead to visible skin aging. It thus protects skin against premature aging. CutiGuard CLR™ also reduces wrinkles and significantly improves skin smoothness as well as the evenness of skin color – three crucial factors for a healthy and young appearance.

With its proactive and preventive approach, CutiGuard CLR™ is extremely suitable for modern aging consumers. It slows down the skin aging process and helps to avoid the development of the first signs of skin aging.

Dosage: 3.0%
pH range: 3.0–9.0

INCI Name:
Betaine, Sucrose, Hydrolyzed Rhodophyceae Extract, Water

CutiGuard CLR™ is unpreserved.

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

AnnonaSense CLR™

is preserved with sodium dehydroacetate and phenylpropanol.

CLR Formulation

Keep Your Balance Day Shot 2

II-46.138.02B

PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	Deionized Water	Water		ad 100
	Glycerol 85%, vegetable Ph. Eur.	Glycerin	Gustav Heess	1.50
	Trisodium Citrate Dihydrate	Sodium Citrate	Merck	0.15
	Sepimax ZEN	Polyacrylate Crosspolymer-6	SEPPIC	0.60
	Euxyl K 900	Benzyl Alcohol, Ethylhexylglycerin, Tocopherol	Ashland	0.80
	Perfume Tilia WS	Fragrance	Voegelé	0.15
B	CutiGuard CLR™	Betaine, Sucrose, Hydrolyzed Rhodophyceae Extract, Water	CLR	3.00
	ProRenew Complex CLR™	Lactococcus Ferment Lysate	CLR	3.00
	AnnonaSense CLR™	Annona Cherimola Fruit Extract	CLR	3.00
C	Puricolor Red ARE 33 FDA (0.4%)	Water, Acid Red 33	BASF	0.05
D	NaOH (32%)	Water, Sodium Hydroxide		q.s.

Operating Instructions:

Mix A and stir until homogeneous. Add B in this order and stir until uniform. Add C as desired and adjust pH value to 5.3–5.5 with D, if necessary.

Directions for use:

Take a few drops 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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