

CLR Formulation Concepts

Protect Me Phytobiotic Solar Self-Defense

As aging is a consequence of the accumulation of cellular damage, dealing with this damage is essential for skin to maintain and regain its youthfulness and health. Repair and protection are key. **Phytosan™ K** energizes and protects the skin cells from UV-induced energy loss. It strengthens the skin's defense against harmful factors while revitalizing the skin from its core.

ProRenew Complex CLR™ is based on a lysate of probiotic bacteria, which are renowned for their ability to promote health. This not only applies to our gut, but also our skin. ProRenew Complex CLR™ makes sure that the natural health of our skin and skin cells is safeguarded. Healthy skin looks good, feels good and is not sensitive to external stresses.



Directions for use: Take a pea-sized drop and gently massage into the skin.

Featured Product



Phytosan™ K – Multiple pathway approach to skin aging

Phytosan™ K exerts a potent influence against skin aging. It activates cellular repair processes, supporting the maintenance of cellular integrity and energy after UV irradiation. Phytosan™ K also has potent regenerative effects, such as stimulation of collagen synthesis. This results in improved skin firmness and smoothness and a reduction of wrinkle depth. Phytosan™ K contains proteins, glycoproteins and polysaccharides isolated from organic soybeans (GMO-free).

Dosage: 2.0–5.0%

pH range: 3.0–7.5

INCI Name:

Water, Glycerin, Glycine Soja (Soybean) Seed Extract



ProRenew Complex CLR™ – Probiotic approach to skin aging

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

ProRenew Complex CLR™ positively influences the speed and quality of epidermal growth. The production of essential proteins and enzymes in skin quality is clearly increased, barrier function and cell cohesion are improved, and skin renewal is accelerated, promoting skin health. Additionally, ProRenew Complex CLR™ has shown to effectively promote desquamation, the shedding of dead cells.

Dosage: 3.0%

pH range: 4.0–7.0

INCI Name:

Lactococcus Ferment Lysate

Protect Me Phytobiotic Solar Self-Defense OW

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PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	MONTANOV 202	ARACHIDYL ALCOHOL, BEHENYL ALCOHOL, ARACHIDYL GLUCOSIDE	SEPPIC	4.00
	ARISTOFLEX VELVET	POLYACRYLATE CROSSPOLYMER-11	CLARIANT	0.50
	CETIOL RLF	CAPRYLYL-CAPRYLATE/CAPRATE	BASF	6.00
	MYRITOL 318	CAPRYLIC/CAPRIC TRIGLYCERIDE	BASF	10.00
B	DEIONIZED WATER	WATER		ad 100
	EDETA B POWDER	TETRASODIUM EDTA	BASF	0.05
	GLYCERIN 86%	GLYCERIN, WATER	GUSTAV HEESS	4.00
	EUXYL PE 9010	PHENOXYETHANOL, ETHYLHEXYLGLYCERIN	SCHUELKE	0.80
C	PRORENEW COMPLEX CLR™	LACTOCOCCUS FERMENT LYSATE	CLR	3.00
	PHYTOSAN™ K	WATER, GLYCERIN, GLYCINE SOJA (SOYBEAN) SEED EXTRACT	CLR	5.00
D	NAOH (10%)	WATER, SODIUM HYDROXIDE		q.s.
E	PERFUME OIL: SENSUAL BEAUTY 408	FRAGRANCE	IFF	0.20

Manufacture:

Mix A and B separately. Heat up to 80°C–85°C. Add B to A and homogenize for 2 minutes with Ultra Turrax. Cool down to room temperature under stirring and add C. Adjust pH value to 5–5.5 if necessary with D and add E. Mix until uniform.

Directions for use:

Take a pea-sized drop 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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