

## CLR Formulation Concepts

# Anti-Aging After Sun Care

Being long outside during summer time, enjoying long walks, outdoor activities, swimming in the sea or pool is fun. But the skin is also more exposed to the sun and gets stressed. The Anti-Aging After Sun Care is ideal for supporting skin regeneration and alleviating cellular damage after sunbathing. It effectively calms down skin, providing it with a relaxed feeling and a long-lasting-tan.

**Phytosan™ K** supports the skin cells in stabilizing the 'guardian of the genome', p53. p53 is a cellular protein which acts as a 'crisis manager' when the skin cell is damaged, but p53 can only be active when stabilized through phosphorylation. This is what **Phytosan™ K** helps the cells with. Cellular damage can be repaired more effectively, which slows down the photoaging processes and reduces sunlight-induced inflammation.

**Directions for use:** Apply on the whole body after shower or sunbath and gently rub into the skin.



## Featured Products



### 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

## Anti-Aging After Sun Care OW

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PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	DEIONIZED WATER	WATER		ad 100
	GLYCERIN 86%	GLYCERIN, WATER	GUSTAV HEESS	3.00
	DISSOLVINE GL-38	WATER, TETRASODIUM GLUTAMATE DIACETATE, SODIUM HYDROXIDE	NOURYON	0.06
	RHEOCARE XGN	XANTHAN GUM	BASF	0.80
B	EUMULGIN SG	SODIUM STEAROYL GLUTAMATE	BASF	0.40
	LANETTE O	CETEARYL ALCOHOL	BASF	0.50
	CUTINA HVG	HYDROGENATED VEGETABLE GLYCERIDES	BASF	2.00
	CETIOL C 5	COCO-CAPRYLATE	BASF	3.00
	MYRITOL 318	CAPRYLIC/CAPRIC TRIGLYCERIDE	BASF	4.00
	CETIOL LC	COCO-CAPRYLATE/CAPRATE	BASF	4.00
C	GEOGARD 221	DEHYDROACETIC ACID, BENZYL ALCOHOL	LONZA	0.80
D	PHYTOSAN™ K	WATER, GLYCERIN, GLYCINE SOJA (SOYBEAN) SEED EXTRACT	CLR	5.00
E	PERFUME OIL: SUMMER NATURAL	FRAGRANCE	VOEGELE	0.25

**Manufacture:**

Mix A and predisperse until homogenous. Heat up A and B to 80°C separately. Add A to B and homogenize for 3 minutes by Ultra Turrax. Cool down while stirring and add C & D in the given order. Add E as desired and stir until uniform.

**Directions for use:**

Apply on the whole body after shower or sunbath and gently rub 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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