

## CLR Formulation Concepts

## Anti-Wrinkle Cream OW

Everyone would like to have this special glow that makes your skin look healthy, even and youthful. This rich Anti-Wrinkle Cream will help to plump the skin, it will diminish wrinkles and will leave your face with a smoother, more youthful complexion.

**Collagen CLR** is providing skin with an instant deep and long-lasting hydration. The skin feels refreshed, smooth and soft. **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 the crow's feet.



### Directions for use:

Apply on the face and gently rub into the skin.

## Featured Products



### MPC™– Milk Peptide Complex – The regenerative cosmetic active

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 molecules derived from milk, such as TGF-β.

**Dosage:** 0.5%  
**pH range:** 6.0–7.0

**INCI Name:**  
Whey Protein



### 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. 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

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PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	DEIONIZED WATER	WATER		ad 100
	RHEOCARE XGN	XANTHAN GUM	BASF	0.30
B	TEGO CARE 450 MB	POLYGLYCERYL-3 METHYLGLUCOSE DISTEARATE	EVONIK	3.00
	TEGO ALKANOL 1618	CETEARYL ALCOHOL	EVONIK	2.00
	TEGIN M PELLETS MB	GLYCERYL STEARATE	EVONIK	1.50
	EUMULGIN SG	SODIUM STEAROYL GLUTAMATE	BASF	0.50
	CETIOL C 5C	COCO-CAPRYLATE/CAPRATE	BASF	8.00
	CETIOL OE	DICAPRYLYL ETHER	BASF	5.00
	MYRITOL 318	CAPRYLIC/CAPRIC TRIGLYCERIDE	BASF	3.00
C	MPCT™ - MILK PEPTIDE COMPLEX	WHEY PROTEIN	CLR	0.50
	DEIONIZED WATER	WATER		9.50
D	PRORENEW COMPLEX CLR™	LACTOCOCCUS FERMENT LYSATE	CLR	3.00
	COLLAGEN CLR	SOLUBLE COLLAGEN	CLR	5.00
	GEOGARD 221	DEHYDROACETIC ACID, BENZYL ALCOHOL	LONZA	0.80
E	NAOH (10%)	WATER, SODIUM HYDROXIDE		q.s.

**Manufacture:** Mix A and stir until uniform, heat up A and B separately to 80°C. Add A to B and homogenize for 2 minutes with Ultra Turrax. Cool down under stirring. Premix C and add at room temperature to AB, homogenize again for a short time. Add D in this order. Adjust pH value to 6-7 with E.

**Directions for use:** Apply on the face 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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