

## CLR Formulation Concepts

### Balance Me All-in-One Eye Care Solution

The skin around the eyes is prone to start sagging and becomes wrinkled during aging. Many people suffer from dark circles, which have a big impact on the healthy look of a person. On top of that, the skin around the eyes is extremely thin and vulnerable. Effective eye care products need to combine actives addressing all these phenomena. This light gel contains an intelligent mix of four active ingredients and pampers the eye area with an instant feeling of freshness and comfort.

**MPC™ - Milk Peptide Complex** effectively reduces crow's feet. **ProBioBalance CLR™ NP** balances the skin, making it less sensitive and more robust. **JuvenEye CLR™** works deep inside the skin, fighting dark circles. **MultiMoist CLR™** provides skin with instant hydration.

**Directions for use:** Roll-on gently under the eye area before and after bedtime.



## 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



### ProBioBalance CLR™ NP – Healthy nutrition for the skin

ProBioBalance CLR™ NP activates cellular processes involved in cellular nutrition and helps activate detoxification processes. The metabolic activity of skin cells is increased, and the skin's immune system strengthened and protected against environmental stress. The application of ProBioBalance CLR™ NP leads to reduction of skin inflammation and also actively prepares skin for external stresses. ProBioBalance CLR™ NP consists of probiotic bifido cultures which are suspended and disintegrated in a biologically active milk-based matrix.

**Dosage:** 2.0–5.0%  
**pH range:** 5.8–7.0

**INCI Name:**  
Water, Lactose, Milk Protein, Bifida Ferment Lysate



### MultiMoist CLR™ – mapping the moisturization puzzle

MultiMoist CLR™ activates production of the vitamin D receptor (VDR) and promotes the VDR's activation. MultiMoist CLR™ also potentiates the effect of vitamin D. As a consequence the skin becomes more moisturized. By making use of 5 different objective instrumental approaches, the immediate and long term moisturizing properties of MultiMoist CLR™ were convincingly proven. Additionally, the activity of MultiMoist CLR™ was proven in a consumer study, where the subjective improvement of skin moisture content, skin smoothness and the look of skin were confirmed.

**Dosage:** 3.0%  
**pH range:** 3.0–8.0

**INCI Name:** Fructooligosaccharides, Beta Vulgaris (Beet) Root Extract, Water





## JuvenEye CLR™ – against dark circles, for youthful bright eyes

Based on a synergistic combination of extracts of *Hieracium pilosella* and the flowers of *Bellis perennis*, JuvenEye CLR™ addresses the most important dermatological processes in the formation and persistence of dark circles. It activates vital processes which allow for the breakdown of heme, which is both dark-colored and plays an important role in the etiology of dark circles. JuvenEye CLR™ also activates dermal draining through its ability to increase the production of VEGF-C. Excess fluids, electrolytes and immune cells are drained away more effectively. With JuvenEye CLR™, melanin deposition in the skin is reduced and overall skin health is improved.

In *in vivo* studies where JuvenEye CLR™ was compared with a corresponding placebo formulation it could be seen that JuvenEye CLR™ clearly reduces the visibility of dark circles. Both the color and the surface area of dark circles were reduced significantly.

**Dosage:** 3.0–5.0%

**pH range:** 4.5–6.5

**INCI Name:**

Bellis Perennis (Daisy) Flower Extract,  
Hieracium Pilosella (Hawkweed)  
Extract

### CLR Formulation

#### Balance Me All-in-One Eye Care Solution

385.006.01A

PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	DEIONIZED WATER	WATER		ad 100
	HYDROLITE-5	PENTYLENE GLYCOL	SYMRISE	5.00
	TEGO CARBOMER 141	CARBOMER	EVONIK	0.20
B	MPC™ - MILK PEPTIDE COMPLEX	WHEY PROTEIN	CLR	0.50
	NAOH (32%)	WATER, SODIUM HYDROXIDE		q.s.
C	PROBIOBALANCE CLR™ NP	WATER, LACTOSE, MILK PROTEIN, BIFIDA FERMENT LYSATE	CLR	5.00
	JUVENEYE CLR™	BELLIS PERENNIS (DAISY) FLOWER EXTRACT, HIERACIUM PILOSELLA EXTRACT	CLR	3.00
	MULTIMOIST CLR™	FRUCTOOLIGOSACCHARIDES, BETA VULGARIS (BEET) ROOT EXTRACT, WATER	CLR	3.00
D	PERFUME OIL: TILIA WS	FRAGRANCE	VOEGELE	0.30

**Manufacture:** Mix A in the given order and stir slowly until uniform. Add B to A while stirring and adjust pH value to 6.5–7. Add C in the given order and adjust pH value to ~6.5 again, if necessary. Add D as desired and stir until homogenous.

**Directions for use:** Roll-on gently under the eye area before and after bedtime.

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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