

CLR Formulation Concepts

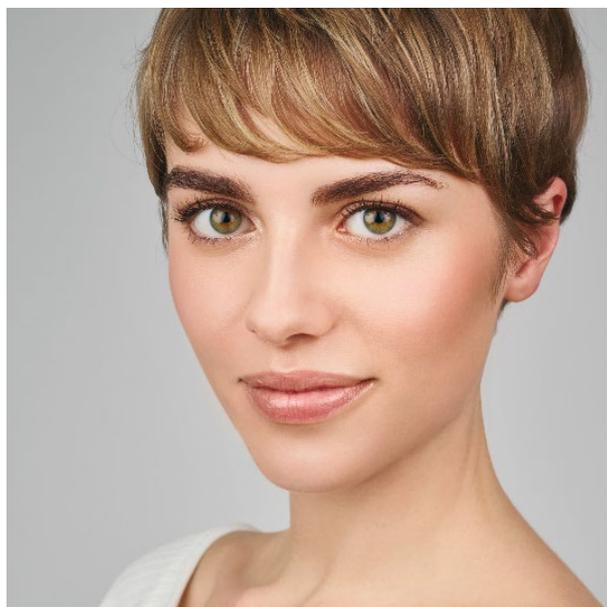
Brightening Eye Roll-On Serum

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 and needs a special and sensitive treatment. This light serum contains an intelligent mix of three ingredients and pampers the eye area with an instant feeling of freshness and comfort.

MPC™ - Milk Peptide Complex effectively reduces crow's feet. **JuvenEye CLR™** works deep inside the skin, fighting dark circles. **DayMoist CLR™** provides the skin with an extra portion of intense hydration.

Directions for use:

Roll-on gently under the eye area before and after bedtime.



Featured Products

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



Application

- skin regeneration
- skin lightening

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 the 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

JuvenEye CLR™

is preserved with sodium benzoate and sodium dehydroacetate.

DayMoist CLR™ – 24-hour moisturization the natural way



Application

- moisturizing
- hair conditioning and protection

DayMoist CLR™ potently and immediately increases the concentration of the natural moisturizing factors (NMF) in the upper layers of the skin, resulting in immediate and long-lasting moisturizing effects. These results were obtained by making use of Confocal Raman Microspectroscopy and analyzing skin capacitance. Additionally, DayMoist CLR™ has potent haircare properties.

DayMoist CLR™ is a complex of natural plant-derived active ingredients.

Dosage: 1.0–3.0%

pH range: 3.0–10.0

INCI Name:

Water, Hydrolyzed Corn Starch, Beta Vulgaris (Beet) Root Extract

DayMoist CLR™

is stabilized with plant-derived anisic acid.

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 growth factors derived from milk, such as TGF-β.

Dosage: 0.5%
pH range: 6.0–7.0

INCI Name: Whey Protein

MPC™–Milk Peptide Complex is unpreserved.

Application

- anti-wrinkle, firming, smoothing
- skin regeneration

CLR Formulation

Brightening Eye Roll-On Serum

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PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	Deionized Water	Water		add 100
	Pentylene Glycol	Pentylene Glycol	Cosnaderm	5.00
B	Sepimax ZEN	Polyacrylate Crosspolymer-6	SEPPIC	0.50
C	MPC™ - Milk Peptide Complex	Whey Protein	CLR	0.50
	Trisodium Citrate Dihydrate	Sodium Citrate	Merck	0.60
	DayMoist CLR™	Water, Hydrolyzed Corn Starch, Beta Vulgaris (Beet) Root Extract	CLR	3.00
	JuvenEye CLR™	Bellis Perennis (Daisy) Flower Extract, Hieracium Pilosella (Hawweed) Extract	CLR	5.00
D	NaOH (32%)	Fragrance		q.s.

Operating Instructions:

Add B to premixed A while stirring. Add C and stir until homogeneous. Adjust pH value to 6–6.5 with D, if necessary.

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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