

CLR Formulation Concepts

Derma IQ Frozen Serum

This frozen serum combines all the best qualities of water and oils for the benefit of skin. The frosty blue look leaves the oil phase visible as small droplets and gives this formulation a wow-effect. In harmony with its appearance, the serum leaves an instant cooling effect for an optimum revitalizing sensation of well-being. Three highly effective active ingredients work synergistically together to feed the skin, both at its surface and in its deeper layers for it to stay frozen in time.

MultiMoist CLR™ provides skin with immediately and long-lasting moisturizing effects for all day hydration and extra care. **SyriCalm™ CLR (PC)** soothes, calms and supports skin in maintaining its quality as a physical barrier to our body. **ProRenew Complex CLR™ NP**, based on probiotic technology, makes sure that the natural health of our skin and skin cells is safeguarded.

Directions for use:

Take a few drops of the serum and gently massage into the skin.



Featured Products



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.

MultiMoist CLR™ consists of a powerful synergistic blend of fructooligosaccharides and beta vulgaris (beet) root extract.

Dosage: 3.0%
pH range: 3.0–8.0

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



ProRenew Complex CLR™ NP – Probiotic approach to skin aging

Based on probiotic technology, ProRenew Complex CLR™ NP 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™ NP 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™ NP 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



SyriCalm™ CLR (PC) – To soothe, protect and strengthen

SyriCalm™ is derived from natural sources, *Poria cocos* and *Phragmites*. It effectively reduces inflammation and strongly supports skin in dealing with external stresses.

Additionally, SyriCalm™ is designed to give effective support where the skin is challenged by environmental stress, e.g. shaving, depilation or daily hygiene. It helps the skin recover its natural balance.

Dosage: 3.0%
pH range: 3.0–8.0

INCI Name:
Water, Phragmites Communis Extract, Poria Cocos Extract

CLR Formulation

Derma IQ Frozen Serum

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| PHASE | TRADE NAME | INCI NAME | SUPPLIER | W/W % |
|-------|----------------------------------|--|---------------|--------|
| A | DEIONIZED WATER | WATER | | ad 100 |
| | RHEOCARE XGN | XANTHAN GUM | BASF | 0.70 |
| | MULTIMOIST CLR™ | FRUCTOOLIGOSACCHARIDES, BETA VULGARIS (BEET) ROOT EXTRACT, WATER | CLR | 3.00 |
| | SYRICALM™ CLR (PC) | WATER, PHRAGMITES COMMUNIS EXTRACT, PORIA COCOS EXTRACT | CLR | 3.00 |
| | PRORENEW COMPLEX CLR™ NP | LACTOCOCCUS FERMENT LYSATE | CLR | 3.00 |
| | EUXYL PE9010 | PHENOXYETHANOL, ETHYLHEXYLGLYCERIN | SCHUELKE | 0.80 |
| | PURICOLOR BLUE ABL9-X FDA (0,2%) | WATER, BLUE 1 (CI 42090) | | 0.04 |
| B | NAOH (32%) | WATER, SODIUM HYDROXIDE | | q.s. |
| C | MIGLYOL 829 | CAPRYLIC/CAPRIC/SUCCINIC TRIGLYCERIDE | IOI OLEO GMBH | 5.00 |
| | MYRITOL 318 | CAPRYLIC/CAPRIC TRIGLYCERIDE | BASF | 1.00 |
| | PEPPERMINT OIL INDIAN | MENTHA PIPERITA OIL | VOEGELE | 0.30 |

Manufacture:

Mix A and stir until completely dispersed. Adjust pH value to ~5 with B. Premix C and add it to AB while stirring very slowly.

Directions for use:

Take a few drops of the serum 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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