

## CLR Formulation Concepts

# Derma IQ Shiny Hydra Intense Peel-Off Mask

This Peel-Off Mask combines effective cleansing, renewal of skin texture and deeply hydration with a luxurious pampering experience of well rested skin with a Hollywood-like glow. Once applied on the face the violet shimmering pigments change their color to gold. When peeled-off the mask gently removes dead skin cells and impurities.

**MultiMoist CLR™** increases production and activation of the vitamin D receptor and potentiates the effects of vitamin D, making it a smart and highly effective skin moisturizer.

**ProRenew Complex CLR™** supports the skin's renewal processes, an essential feature in gaining and maintaining healthy, radiant and smooth skin.

### Directions for use:

Apply to dry skin and leave for about 10-15 minutes (until the mask dries and lifts at the edges). Peel off mask from one side.



## 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™ – 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. 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™ 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

## CLR Formulation

### Derma IQ Shiny Hydra Intense Peel-Off Mask

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| PHASE | TRADE NAME                 | INCI NAME  | SUPPLIER           | W/W %  |
|-------|----------------------------|--|--------------------|--------|
| A     | DEIONIZED WATER            | WATER  |                    | ad 100 |
|       | PROPYLENE GLYCOL           | PROPYLENE GLYCOL   | BASF               | 5.00   |
| B     | KELTROL CG-BT              | XANTHAN GUM  | CP KELCO           | 1.00   |
|       | GOHSENOL EG-40C            | POLYVINYL ALCOHOL  | NIPPON GOHSEI      | 10.00  |
| C     | ETHANOL (96%)<br>DENATURED | ALCOHOL DENAT.   | BERKEL AHK         | 15.00  |
| D     | PRORENEW COMPLEX<br>CLR™   | LACTOCOCCUS FERMENT LYSATE   | CLR                | 3.00   |
|       | MULTIMOIST CLR™            | FRUCTOOLIGOSACCHARIDES, BETA VULGARIS (BEET)<br>ROOT EXTRACT, WATER  | CLR                | 3.00   |
| E     | NAOH (32%)                 | WATER, SODIUM HYDROXIDE  |                    | q.s.   |
| F     | PERFUME OIL: YUZU RAGE     | FRAGRANCE  | IFF                | 0.20   |
| G     | SACHET MV GOLD S2317       | SYNTHETIC FLUORPHLOGOPITE, TITANIUM DIOXIDE<br>(CI 77891), MANGANESE VIOLET, TIN OXIDE,<br>TRIETHOXYCAPRYLYLSILANE | SANDREAM<br>IMPACT | 0.30   |

#### Manufacture:

Mix A and heat up to 85°C. Add B while stirring and heating; keep temperature for 30-60 Min. Stir until completely dispersed and uniform. Cool down while stirring. Add C and D in the given order below 30°C. Mix until homogenous. Adjust pH value to 6-6.5 with E. Add F and G as desired.

#### Directions for use:

Apply to dry skin and leave for about 10-15 minutes (until the mask dries and lifts at the edges). Peel off mask from one side.

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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