

CLR Formulation Concepts

Pure Balance Overnight Scalp Oil

Dandruff goes hand in hand with inflammation and an oily and irritated scalp. Itching scalp interrupts a relaxing and deep sleep during night. To effectively soothe the irritated scalp and to act on the core problems of dandruff, applying an overnight scalp treatment is an intelligent approach.

CutiBiome CLR™ reduces scalp itch and ensures a relaxing sleep. It potently reduces scalp oiliness and dandruff. **Calendula Oil CLR** and **Carrot Oil CLR** support CutiBiome CLR™ in its soothing effects. This scalp oil is easily absorbed and leaves a non-greasy feeling on scalp.

Directions for use:

Apply the oil to the scalp in the evening and massage gently. Leave on overnight, wash your hair in the morning as usual. Use the oil 2–3 times a week.



Featured Products

CutiBiome CLR™ – Calibrating the scalp's ecosystem



CutiBiome CLR™ is a synergistic complex of lipophilic extracts from manuka, black pepper and magnolia. It provides essential support for the natural balance between skin and its microbiota in difficult situations, like acne and dandruff.

CutiBiome CLR™ was shown to reduce expression of 5α-reductase and the production of inflammatory mediators. *In vivo* studies showed potent reduction of dandruff. CutiBiome CLR™ supports the scalp microbiota to return to its normal healthy state, more effectively than Piroctone Olamine. It also outperforms this benchmark ingredient in reducing scalp oiliness, scalp sensitivity and itch.

Dosage: 1.5–3.0%

pH range: 4.0–7.0

INCI Name:

Octyldodecanol, Leptospermum Scoparium Branch/Leaf Oil, Piper Nigrum Seed Extract, Magnolia Officinalis Bark Extract

CutiBiome CLR™ is unpreserved.

Calendula Oil CLR – soothing and calming care for skin and hair



Calendula Oil CLR is particularly suitable for skin and haircare concepts where soothing and calming properties are valued, such as baby care, care for sensitive skin, elderly skin and irritated scalp. Calendula has been extensively used in both traditional and modern medicine for its well-described anti-inflammatory properties.

Calendula Oil CLR is obtained by an extremely mild extraction of the blossoms of *Calendula officinalis* in stabilized soybean oil.

Also available as **Organic Calendula Oil CLR**, which is based on organic calendula blossoms and organic soybean oil compliant with Regulation (EC) No 834/2007 on organic production of agricultural products.

Dosage: 3.0–10.0%

INCI Name:

Glycine Soja (Soybean) Oil, Calendula Officinalis Flower Extract, Tocopherol

Calendula Oil CLR

is stabilized with a natural tocopherol concentrate.

Carrot Oil CLR – Before, during and after the sun



Carrot Oil CLR is especially suitable for anti-aging skin care, sun and after-sun care, and all skincare concepts for obtaining an even and harmonious skin color. Carrots are renowned for their high content of β -carotene, which is further enriched in Carrot Oil CLR to obtain optimal results for the skin, providing skin with much needed protection.

Carrot Oil CLR is a lipophilic extract of *Daucus carota sativa* in stabilized soybean oil, enriched with anti-oxidative β -carotene to 3,300 IU/g.

Dosage: 0.5–5.0%

INCI Name:

Glycine Soja (Soybean) Oil, Daucus Carota Sativa (Carrot) Root Extract, Beta-Carotene, Tocopherol

Carrot Oil CLR

is stabilized with a natural tocopherol concentrate.

CLR Formulation

Pure Balance Overnight Scalp Oil

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PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	Myritol 318 MB	Caprylic/Capric Triglyceride	BASF	73.25
	Cetiol LC	Coco-Caprylate/Caprate	BASF	10.00
	Cetiol J 600	Oleyl Erucate	BASF	10.00
	CutiBiome CLR™	Octyldodecanol, Leptospermum Scoparium Branch/Leaf Oil, Piper Nigrum Seed Extract, Magnolia Officinalis Bark Extract	CLR	3.00
	Calendula Oil CLR	Glycine Soja (Soybean) Oil, Calendula Officinalis Flower Extract, Tocopherol	CLR	3.00
	Carrot Oil CLR	Glycine Soja (Soybean) Oil, Daucus Carota Sativa (Carrot) Root Extract, Beta-Carotene, Tocopherol	CLR	0.50
	Dermofeel Toco 70 non GMO	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	Evonik	0.05
	Lavender Oil	Lavandula Angustifolia (Lavender) Oil	Frey+Lau	0.20

Operating Instructions: Mix A and stir until uniform.

Directions for use:

Apply the oil to the scalp in the evening and massage gently. Leave on overnight, wash your hair in the morning as usual.

Use the oil 2–3 times a week.

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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