

CLR Formulation Concepts

Cheer Me Up Face Emulsion OW

Cheer Me Up Face Emulsion OW provides the skin with intensive moisture and skin regains its youthful vitality.

CutiGuard CLR™ protects the skin cells from the main three influences on skin aging. It reduces wrinkles and improves skin color evenness and smoothness. **ProRenew Complex CLR™** safeguards the skin's ecosystem and improves overall skin quality and health. **CutiBiome CLR™** noticeably reduces sebum, papules, pustules and comedones, providing a pure complexion.

Directions for use:

Take a pea-sized amount and gently massage into the skin.



Featured Products

ProRenew Complex CLR™ – Postbiotic support for skin and its microbiota



ProRenew Complex CLR™ acts on essential features in the aging process of the skin, its ability to successfully adapt to a constantly changing environment and to effectively renew itself.

ProRenew Complex CLR™ positively influences the speed and quality of epidermal growth. It has shown to effectively promote desquamation, the shedding of dead cells. ProRenew Complex CLR™ is beneficial for both the health of skin and the skin microbiota. It balances and protects the skin microbiota and supports it in dealing with day-to-day stress.

Dosage: 3.0%
pH range: 4.0–7.0

INCI Name:
Lactococcus Ferment Lysate

ProRenew Complex CLR™ is preserved with sodium benzoate.

Also available as
ProRenew Complex CLR™ NP, stabilized with phenylpropanol and levulinic acid/sodium levulinate.

CutiGuard CLR™ – Your Personal Guard



Based on the extremophile red alga *Galdieria sulphuraria*, CutiGuard CLR™ constitutes a refined approach to the first signs of skin aging. It transfers the adaptivity and resilience of *Galdieria sulphuraria* to a highly effective, natural active ingredient that protects the skin in stressful environments.

Skin aging starts in the skin cells, which, during a lifetime, accumulate damage. Extrinsic and intrinsic factors add damage, leading to prolonged inflammation and cell senescence. CutiGuard CLR™ reduces the number of senescent cells and associated inflammatory and destructive mediators which lead to visible skin aging. It thus protects skin against premature aging. CutiGuard CLR™ also reduces wrinkles and significantly improves skin smoothness as well as the evenness of skin color – three crucial factors for a healthy and young appearance.

With its proactive and preventive approach, CutiGuard CLR™ is extremely suitable for modern aging consumers. It slows down the skin aging process and helps to avoid the development of the first signs of skin aging.

Dosage: 3.0%
pH range: 3.0–9.0

INCI Name:
Betaine, Sucrose, Hydrolyzed Rhodophyceae Extract, Water

CutiGuard CLR™ is unpreserved.

CutiBiome CLR™ – Calibrating the skin'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™ reduces the film forming activity and significantly inhibits the growth of virulent phylotypes of *Cutibacterium acnes*. *In vitro* and *in vivo* studies show that it strongly reduces inflammation involved in acne and dandruff. On people suffering from acne, the use of CutiBiome CLR™ leads to a dramatic and perceivable reduction of sebum production, comedones, pustules and pimples.

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.

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PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	UniqSens SFE System	Pectin, Xanthan Gum, Carrageenan	CP Kelco	1.95
	CutiBiome CLR™	Octyldodecanol, Leptospermum Scoparium Branch/Leaf Oil, Piper Nigrum Seed Extract, Magnolia Officinalis Bark Extract	CLR	3.00
	Perfume Everybody	Fragrance	Voegele	0.25
B	Deionized Water	Water		ad 100
	CutiGuard CLR™	Betaine, Sucrose, Hydrolyzed Rhodophyceae Extract, Water	CLR	3.00
	ProRenew Complex CLR™	Lactococcus Ferment Lysate	CLR	3.00
	Dermosoft 1388 eco	Glycerin, Water, Sodium Levulinate, Sodium Anisate	Evonik	3.50
	Puricolor Red ARE 33 (2%) / Blue ABL9-X FDA (1%)	Water, Acid Red 33, Blue 1 Lake	BASF	0.08
C	NaOH (32%)	Water, Sodium Hydroxide		q.s.

Operating Instructions:

Mix A and B separately. Add B to A while stirring and homogenize until uniform. Adjust pH value to 5.3 with C.

Directions for use: Take a pea-sized amount 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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