

## CLR Formulation Concepts

# All-In-One Serum OW

This highly effective serum supports you to look your best in one simple step. It works against all signs of acne prone skin, provides an anti-aging effect and moisturizes.

**CutiGuard CLR™** protects the skin cells from the main three influences on skin aging: external stress, internal stress and time. It reduces wrinkles and improves skin color evenness. Formulated with **MultiMoist CLR™** the serum will leave the skin with a well hydrated and smooth feeling. **CutiBiome CLR™** noticeably reduces sebum, papules, pustules and comedones by microbiota regulation, providing a pure complexion.

**Directions for use:** Take a pea-sized amount and gently massage into skin.



## Featured Products

### 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.

### CLR Formulation

#### All-In-One Serum OW

I-4.135.07A\_1

PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	Deionized Water	Water		ad 100
	Sepilife NUDE	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, C15-19 Alkane, Polyglyceryl-6 Laurate, Polyglycerin-6	SEPPIC	3.25
	Verstatil BL non GMO	Water, Sodium Levulinate, Sodium Benzoate	Evonik	2.00
	Zemea	Propanediol	Primient Covation LLC	3.00
B	CutiBiome CLR™	Octyldodecanol, Leptospermum Scoparium Branch/Leaf Oil, Piper Nigrum Seed Extract, Magnolia Officinalis Bark Extract	CLR	3.00
	MultiMoist CLR™	Fructooligosaccharides, Beta Vulgaris (Beet) Root Extract, Water	CLR	3.00
	CutiGuard CLR™	Betaine, Sucrose, Hydrolyzed Rhodophyceae Extract, Water	CLR	3.00
C	NaOH (32%)	Water, Sodium Hydroxide		q.s.
D	Perfume Round cup PMF	Fragrance	Voegele	0.20

#### Operating Instructions:

Mix A and stir until homogeneous. Add B in this order, one after another. Adjust pH value to 6 with C, if necessary. Add D as desired.

#### Directions for use:

Take a pea-sized amount and gently massage into 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

Chemisches Laboratorium Dr. Kurt Richter GmbH  
Sperenberger Straße 3 · 12277 Berlin · Germany  
Tel +49 30 851026-0 · Fax +49 30 851026-85  
info@clr-berlin.com · www.clr-berlin.com

