

## CLR Formulation Concepts

# Minimalism Serum

This serum is formulated to protect your skin from external stressors. Even though the serum is very light, it will leave a well hydrated and rich skin feeling.

**CutiGuard CLR™** protects the skin cells from the three main influences on skin aging: external stress, internal stress and time. It reduces wrinkles and improves skin color evenness. **ProRenew Complex CLR™** safeguards the skin's ecosystem and improves overall skin quality and health. **G+C Complex CLR™** effectively activates anti-immunosuppressive processes on the cellular level and increases cellular repair mechanisms.

### Directions for use:

Take a few drops 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.

## G+C Complex CLR™ – A postbiotic approach towards photoaging



G+C Complex CLR™ is a biotechnological anti-aging active, obtained from a lysate of probiotic bifidobacteria, which potently protects against UV-induced damage in the skin. UV radiation leads to skin cell damage and immunosuppression, a deactivation of the local immune system in the skin.

By effectively activating anti-immunosuppressive processes on the cellular level, G+C Complex CLR™ increases cellular repair and potently supports the skin's endogenous protection mechanisms. G+C Complex CLR™ thus counteracts premature skin aging, i.e. photoaging.

**Dosage:** 5.0–10.0%

**pH range:** 3.8–7.0

**INCI Name:**

Bifida Ferment Lysate

**G+C Complex CLR™**

is preserved with sodium benzoate.

## CLR Formulation

### Minimalism Serum

II-45.138.02B

PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	Glycerol 85%, vegetable Ph. Eur.	Glycerin	Gustav Heess	3.00
	Genu Gum RL-200Z-CG	Ceratonia Siliqua Gum	CP Kelco	0.50
B	Deionized Water	Water		ad 100
C	CutiGuard CLR™	Betaine, Sucrose, Hydrolyzed Rhodophyceae Extract, Water	CLR	3.00
	ProRenew Complex CLR™	Lactococcus Ferment Lysate	CLR	3.00
	G+C Complex CLR™	Bifida Ferment Lysate	CLR	5.00
	Euxyl K 712	Sodium Benzoate, Potassium Sorbate, Water	Ashland	0.85
D	Perfume Jardin Majorelle PMF WS	Fragrance	Voegele	0.20

#### Operating Instructions:

Predisperse A, add hot water while stirring (80°C) and stir until homogeneous. Add C in this order and mix until uniform. Add D as desired.

#### Directions for use:

Take a few drops 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

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

