# **CLR Formulation Concepts**

# I'm Ready 3in1 Foundation WO

We also want to look good during sport, but using make-up and foundation during exercising is often difficult. Sweating can clog pores and dry skin in particular can be prone to increased moisture loss. The I'm Ready 3in1 Foundation provides a foundation to powder texture that leaves the skin feeling pleasantly light and velvety.

The combination of three intelligent active ingredients provides the skin with intensive and long-lasting moisture, reduces excess sebum and effectively protects the skin from the first signs of aging. At the same time, the evenness of the skin tone is not only improved immediately by the pigments it contains, but also in the long term and sustainably by CutiGuard CLR™.

**Directions for use:** Take a pea-sized amount and apply on the skin.



# **Featured Products**

# **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: 15-30% **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.

# 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: **pH range:** 3.0-9.0

#### **INCI Name:**

Betaine, Sucrose, Hydrolyzed Rhodophyceae Extract, Water

CutiGuard CLR™ is unpreserved.



# **CLR Formulation**

# I'm Ready 3in1 Foundation WO

III-14.138.05

PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	Deionized Water	Water		ad 100
	Sodium Chloride	Sodium Chloride		1.00
	MultiMoist CLR™	Fructooligosaccharides, Beta Vulgaris (Beet) Root Extract, Water	CLR	3.00
	CutiGuard CLR™	Betaine, Sucrose, Hydrolyzed Rhodophyceae Extract, Water	CLR	3.00
	Sodium Benzoate	Sodium Benzoate	Azelis	0.15
	NaOH (32%)	Water, Sodium Hydroxide		q.s.
В	CutiBiome CLR™	Octyldodecanol, Leptospermum Scoparium Branch/Leaf Oil, Piper Nigrum Seed Extract, Magnolia Officinalis Bark Extract	CLR	3.00
	Cosmedia Gel CC	Dicaprylyl Carbonate, Stearalkonium Hectorite, Propylene Carbonate	BASF	5.00
С	Easynov	Octyldodecanol, Octyldodecyl Xyloside, PEG-30 Dipolyhydroxystearate	SEPPIC	3.00
	Emogreen C69	C15-19 Alkane, Coco-Caprylate/Caprate	SEPPIC	17.00
	MiyoNAT SFT-White-A2	Titanium Dioxide, Trilaurin	Miyoshi	9.50
	MiyoNAT SFT-Yellow-3	Iron Oxides, Trilaurin	Miyoshi	2.50
	MiyoNAT SFT-Red-1	Iron Oxides, Trilaurin	Miyoshi	0.35
	MiyoNAT SFT-Black-1	Iron Oxides, Trilaurin	Miyoshi	0.25
D	Velsan SC	Sorbitan Caprylate	Clariant	0.60
	Excel Mica JP-2	Mica, Aluminum Hydroxide	Miyoshi	4.50
	Silica Bead SB-300	Silica	Miyoshi	4.50

### **Operating Instructions:**

Mix phase A and adjust pH value to 5-5.2. Predisperse B and stir until homogeneous. Add C in this order to B and stir until uniform. Slowly add A to BC while stirring very slowly. Add D while stirring and homogenize for a short moment.

Directions for use: Take a pea-sized amount and apply on 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







