

## CLR Formulation Concepts

# Comfort Me Sunscreen Lotion OW

Comfort Me Sunscreen Lotion is here to make every sunny day an absolute delight. Our advanced formula provides you with superior protection against harmful UV rays while pampering your skin with the care it deserves.

**Phytosan™ K** has regenerating effects and helps by enabling to better deal with external stresses. **G+C Complex CLR™** effectively activates anti-immunosuppressive processes on the cellular level and increases cellular repair mechanisms. **CutiFine CLR™** acts on all processes which make pores larger and more noticeable. It regulates the color of pores and refines skin texture and complexion with soft focus.

**Directions for use:** Apply two fingers of the lotion and massage into the skin.



## Featured Products

### CutiFine CLR™ – The all-in-one skin refiner



CutiFine CLR™ refines skin texture and complexion with soft focus. Conspicuous skin pores are a great concern for consumers, especially for those who have oily and combination skin. As skin ages, skin pores become also more pronounced, making skin pores the latest anti-aging skincare goal for consumers and skincare brands alike.

Based on a synergistic combination of extracts of *Vaccaria segetalis* (Cowherb) and *Adansonia digitata* (Baobab) pulp, CutiFine CLR™ is an all-natural, safe and effective skincare active which goes to the core of the causes leading to conspicuous pores. It works on all important biological processes which lead to pore enlargement, but also reduces the color contrast of the pores with the surrounding skin, an until now largely overlooked but essential feature. CutiFine CLR™ constitutes an all-in-one approach to reduce the conspicuousness of pores.

**Dosage:** 3.0%

**pH range:** <6.5

**INCI Name:**

Water, Gypsophila Vaccaria Flower/Leaf/Stem Extract, Adansonia Digitata Pulp Extract  
**CHINA CosIng\*** Water, Vaccaria Segetalis Extract, Adansonia Digitata Pulp Extract

\* The INCI name Vaccaria Segetalis Extract should be the preferred option when CHINA compliance is needed.

**CutiFine CLR™** is stabilized with pentylene glycol and phenylpropanol.

### 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:** 1.0–5.0%

**pH range:** 3.8–7.0

**INCI Name:**

Bifida Ferment Lysate

**G+C Complex CLR™**

is preserved with sodium benzoate.

## Phytosan™ K – Multiple pathway approach to skin aging



Phytosan™ K exerts a potent influence against skin aging. It activates cellular repair processes, supporting the maintenance of cellular integrity and energy after UV irradiation. Both are important factors in counteracting photoaging.

Phytosan™ K also has potent regenerative effects, such as stimulation of collagen synthesis. This results in improved skin firmness and smoothness and a reduction of wrinkle depth. Phytosan™ K counteracts biological and UV-induced premature aging of the skin.

Phytosan™ K contains proteins, glycoproteins and polysaccharides isolated from organic soybeans (GMO-free).

**Dosage:** 2.0–5.0%

**pH range:** 3.0–7.5

**INCI Name:**

Water, Glycerin, Glycine Soja (Soybean) Seed Extract

**Phytosan™ K**

is preserved with phenoxyethanol and potassium sorbate.

## CLR Formulation

### Comfort Me Sunscreen Lotion OW

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PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	Montanov 82	Cetearyl Alcohol, Coco-Glucoside	SEPPIC	2.00
	Montanov 202	Arachidyl Alcohol, Behenyl Alcohol, Arachidyl Glucoside	SEPPIC	1.00
	Sensanov WR	C20-22 Alkyl Phosphate, C20-22 Alcohols	SEPPIC	1.00
	Lanol 99	Isononyl Isononanoate	SEPPIC	1.00
	Cetiol C 5	Coco-Caprylate	BASF	5.00
	Myritol 318 MB	Caprylic/Capric Triglyceride	BASF	5.00
	Xperse 501	Zinc Oxide, Caprylic/Capric Triglyceride, Polyhydroxystearic Acid, Glycerol Isostearate	EverZinc	30.00
B	Deionized Water	Water		ad 100
	Avicel PC 591	Microcrystalline Cellulose, Cellulose Gum	DuPont	1.10
	Glycerol 85%, vegetable Ph. Eur.	Glycerin	Gustav Heess	2.00
	Dissolvine GL-38	Tetrasodium Glutamate Diacetate, Water, Sodium Hydroxide	Nouryon	0.04
C	Simulgel EPG	Sodium Acrylate/Sodium Acryloyldimethyl, Taurate Copolymer, Polyisobutene, Caprylyl/Capryl Glucoside	SEPPIC	1.75
D	Nipaguard SCA	Sorbitan Caprylate	Clariant	1.00
	CutiFine CLR™	Water, Gypsophila Vaccaria Flower/Leaf/Stem Extract, Adansonia Digitata (Baobab) Pulp Extract	CLR	3.00
	G+C Complex CLR™	Bifida Ferment Lysate	CLR	1.00
	Phytosan™ K	Water, Glycerin, Glycine Soja (Soybean) Seed Extract	CLR	2.00
E	Citric Acid (50%)	Citric Acid, Water		0.40

#### Operating Instructions:

Predisperse B and stir until homogeneous. Heat up A and B to 80-85°C separately. Add B to A and homogenize for 4 minutes at 4000rpm. Cool down while stirring slowly. Add C below 40°C and stir. Add D in this order and adjust pH value to 6.5-7.5 with E.

**Directions for use:** Apply two fingers of the lotion and 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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