

CLR Formulation Concepts

Take a Deep Breath Cleanser II

Removing dirt and dead skin cells is an essential step to achieve smooth and healthy skin, but harsh cleansing products can compromise the skin's barrier functions. The Take a Deep Breath Cleanser has been developed to cleanse skin in a gentle but highly effective way while protecting the skin's microbiota and osmotic balance.

CutiBiome CLR™ noticeably reduces sebum, papules, pustules and comedones, providing a pure complexion.

MultiMoist CLR™ compensates for a lack of vitamin D, promotes epidermal differentiation and provides the skin with a healthy level of hydration and smoothness.

Directions for use: Apply to the skin and massage gently. Leave on for one minute. Removing with water the gel become a white milk. Dry with tissue or towel.



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: 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.

MultiMoist CLR™ – Mapping the moisturization puzzle



MultiMoist CLR™ activates production of the vitamin D receptor (VDR) and promotes the VDR's activation. MultiMoist CLR™ also potentiates the effect of vitamin D. As a consequence the skin becomes more moisturized. By making use of 5 different objective instrumental approaches, the immediate and long term moisturizing properties of MultiMoist CLR™ were convincingly proven. Additionally, the activity of MultiMoist CLR™ was proven in a consumer study, where the subjective improvement of skin moisture content, skin smoothness and the look of skin were confirmed.

MultiMoist CLR™ consists of a powerful synergistic blend of fructooligosaccharides and beta vulgaris (beet) root extract.

Dosage: 3.0%

pH range: 3.0–8.0

INCI Name:

Fructooligosaccharides, Beta Vulgaris (Beet) Root Extract, Water

MultiMoist CLR™

is unpreserved.

CLR Formulation

Take a Deep Breath Cleanser II

IV-5.135.04A

PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	MultiMoist CLR™	Fructooligosaccharides, Beta Vulgaris (Beet) Root Extract, Water	CLR	3.00
	Glycerol 85%, vegetable Ph. Eur.	Glycerin	Gustav Heess	36.00
	Sisterna SP70-C	Sucrose Stearate	Sisterna	2.25
	Puricolor Red ARE 33 FDA (0.4%)	Water, Acid Red 33	BASF	0.16
	Pharmakaolin B860	Kaolin	HPF The Mineral Engineers	3.50
	COLOR CLAY ROSA	Kaolin	COLOR CLAY	0.50
B	Myritol 318 MB	Caprylic/Capric Triglyceride	BASF	51.19
	CutiBiome CLR™	Octyldodecanol, Leptospermum Scoparium Branch/Leaf Oil, Piper Nigrum Seed Extract, Magnolia Officinalis Bark Extract	CLR	3.00
	Copherol F 1300 C	Tocopherol	BASF	0.10
C	Perfume Serail III	Fragrance	Frey+Lau	0.30

Operating Instructions:

Disperse A while heating to 70°C (magnetic stirrer). Heat up B to 70°C too. Homogenize A with Ultra Turrax for 1 minute. Slowly add B to A with Ultra Turrax. Cool down with moderate stirring. Add C below 40°C as desired.

Directions for use:

Apply to the skin and massage gently. Leave on for one minute. Removing with water the gel become a white milk. Dry with tissue or towel.

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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