

## CLR Formulation Concepts

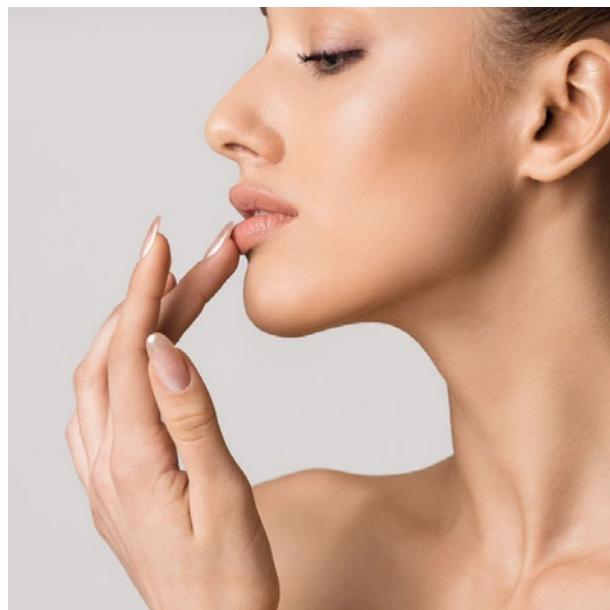
# Softening Lip Balm

Soft lips are attractive but the thin skin of the lips reacts particularly susceptible to external influences and needs a lot of moisture. The smart combination of MultiMoist CLR™ and Vitamin F forte provides dry and strained lips with what they need.

**MultiMoist CLR™** compensates for a lack of vitamin D, promotes epidermal differentiation and provides the skin with a healthy level of hydration and smoothness. **Vitamin F forte** works as a skin conditioner and supplies the skin with essential ingredients for it to re-create its barrier function.

#### Directions for use:

Apply liberally to the lips as needed, especially in dry, cold or windy weather.



## Featured Products

### 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.

### Vitamin F forte – Essential fatty acids nourishing skin



Vitamin F forte nurtures, protects and acts as a skin conditioner. It is particularly suitable for the treatment of dry, stressed and sensitive skin, potently supporting the skin in rebuilding and maintaining its natural healthy structure and functionality. Vitamin F forte also has some great benefits for hair.

Vitamin F forte contains natural polyunsaturated essential free fatty acids originating from safflower oil, with a particularly high content of linoleic acid.

Also available as **Vitamin F water-soluble CLR** in water-soluble form. In addition, essential fatty acids in ester form are available as **Vitamin F Ethyl Ester CLR** and **Vitamin F Glyceryl Ester CLR**.

**Dosage:** 0.5–3.0%  
**pH range:** 3.0–10.0

**INCI Name:**  
Linoleic Acid, Linolenic Acid

**Vitamin F forte**  
is stabilized with a natural tocopherol concentrate.

# CLR Formulation

## Softening Lip Balm

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PHASE	TRADE NAME	INCI NAME	SUPPLIER	W/W %
A	KahlWax 8104 White Beeswax	Beeswax	KahlWax	20.00
	KahlWax 6237 Rapeseed	Hydrogenated Rapeseed Oil	KahlWax	15.00
	Softisan 649	Bis-Diglyceryl Polyacyladipate-2	IOI Oleo	15.00
	Myritol 318 MB	Caprylic/Capric Triglyceride	BASF	45.89
	MultiMoist CLR™	Fructooligosaccharides, Beta Vulgaris (Beet) Root Extract, Water	CLR	3.00
B	Vitamin F forte	Linoleic Acid, Linolenic Acid	CLR	1.00
	Copherol F 1300 C	Tocopherol	BASF	0.11

### Operating Instructions:

Heat up A to 75°C while stirring. Add premixed phase B at 60°C and stir until homogeneous. Cool down while stirring. Fill into appropriate container below 50°C.

### Directions for use:

Apply liberally to the lips as needed, especially in dry, cold or windy weather.

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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