

Liponate™ CCC MB

Naturally-derived

Light Emollient Esters,
COSMOS & RSPO Mass
Balance Certified



Liponate™ CCC MB

INCI: Coco-caprylate/Caprate
CAS #: 95912-86-0
EC #: 306-082-7

Great biocompatibility

Good alternative for silicone oils

Excellent spreadability & solubilizing characteristics

Biodegradable

Excellent pigment dispersing

Liponate™ CCC MB is an ester of natural fatty alcohol, caprylic acid and capric acid. It is an ultra low viscosity, colorless and odorless dry emollient ester, which is an ideal sensorial alternative to volatile silicone oils.

This product is 100% derived from natural, renewable feedstocks. It is a fast spreading emollient ester that provides very light skin feel similar to silicone oils. It can also be incorporated with powders, colorants, and UV filters to enhance the solubility of those materials and further improve the skin feel.

Vantage™ has developed this ultra-light sensorial profile for Liponate™ CCC MB with unique chemical compositions and chain length distribution, making it much lighter than traditional grades of Coco Caprylate/Caprate esters.

Liponate™ CCC MB is a low-greasiness emollient, whose absorption profile positions it as an excellent alternative to dimethicone or other light synthetic emollients esters. However, while dimethicone is highly volatile, Liponate™ CCC MB leaves an invisible film on the skin that contributes to long-term hydration after application.

Liponate™ CCC MB is highly stable in formulations and improves spreadability and glide in a variety of skin care products during application. It can improve the solubilizing of crystalline UV filters for sun care products as well as provide great pigment dispersant for color applications.

Recommended applications



Skin Care



Baby Care



Sun Care



Color Cosmetics



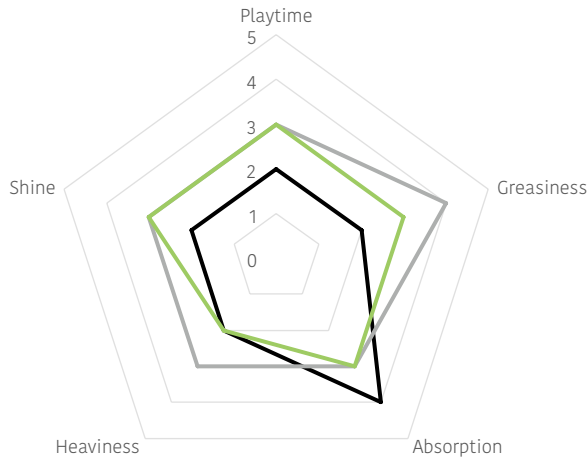
Vantage

Liponate™ CCC MB
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Appearance @25°C	Clear, colorless to slightly yellow liquid
Odor	Characteristic
Saponification Value, mgKOH/g	190-220
Specific Gravity @ 20° C	0.856-0.862
Refractive Index at 20° C	1.436 – 1.440
Recommended Use Level	1 – 10%

Sensorial comparison to dimethicone

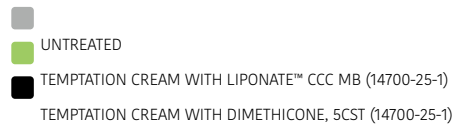
SENSORIAL COMPARISON



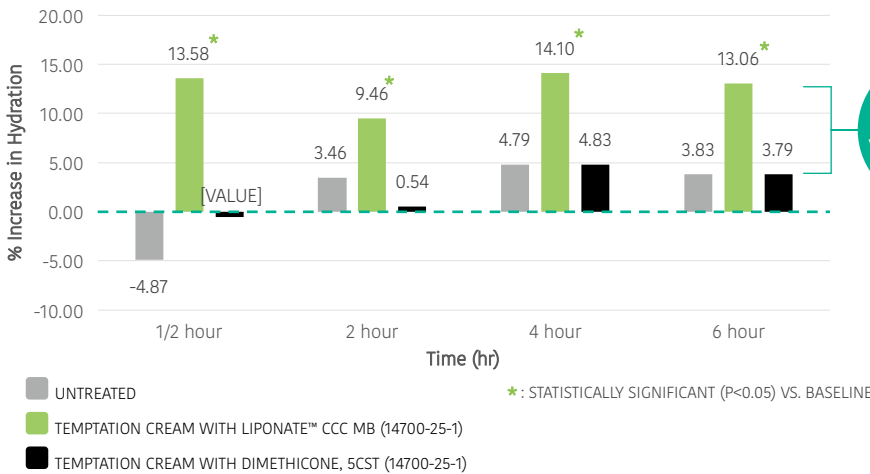
METHOD

- Double blind sensory analysis of Liponate™ CCC MB vs. Dimethicone and other light emollient esters
- Pure oils

18 PANELISTS



Hydration comparison to dimethicone



240% increase vs. Dimethicone

METHOD

- Comparison of 2 formulations with respectively Liponate™ CCC MB (11%), and Dimethicone, 5 cst. (11%) vs. Untreated
- Measurement via hydration probe
- Baseline vs. 1/2h, 2h, 4h, 6h

11 PANELISTS

Commitment to sustainable beauty



Vantage™ is committed to establishing a sustainable supply chain for its naturally-derived ingredients and believes RSPO's Mass Balance certification as being a key step toward this goal. Liponate™ CCC MB is based on sustainably sourced palm oil, compliant with RSPO's Mass Balance criteria. Liponate™ CCC MB is produced using mild treatments that follow COSMOS recommendation for green chemistry. As a result, Liponate™ CCC MB is certified COSMOS NATURAL.

All data, including the formulations and procedures discussed herein, to the knowledge of Vantage™, are believed to be correct, reliable and accurate. Please note, however, that Vantage™ does not warrant or guarantee any accuracy, reliability or completeness of the information contained herein. It is the user's responsibility to determine the suitability and completeness of such information for the user's particular use (including performing any necessary confirmatory tests). Vantage™ is not responsible or liable for any loss or damage that may occur from the use of this information, nor do we warrant against any patent infringement. Nothing contained herein shall be construed as providing any permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.