

Liponate™ CCC

Naturally-derived Light Emollient Ester



PRODUCT: Liponate™ CCC

EINECS #: Exempt

INCI NAME: Coco Caprylate/Caprate

CAS #: 95912-86-0

WHAT IS LIPONATE™ CCC?

Liponate™ CCC 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, 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** with unique chemical compositions and chain length distribution, making it much lighter than traditional grades of Coco Caprylate/Caprate esters.

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** is based on sustainably sourced palm oil, compliant with RSPO's Mass Balance criteria.

KEY BENEFITS

- Great biocompatibility with skin and provides skin with incredible softness
- Good alternative for silicon oils in skincare
- Excellent spreadability and solubilizing characteristics, great for sun care, BB and CC applications
- Biodegradable
- Excellent pigment dispersing capability for color cosmetics

IDEAL FOR USE

- Skin Care
- Color Cosmetics
- Facial Cleansers
- Sun Care
- Baby Care

TYPICAL PROPERTIES OF LIPONATE™ CCC

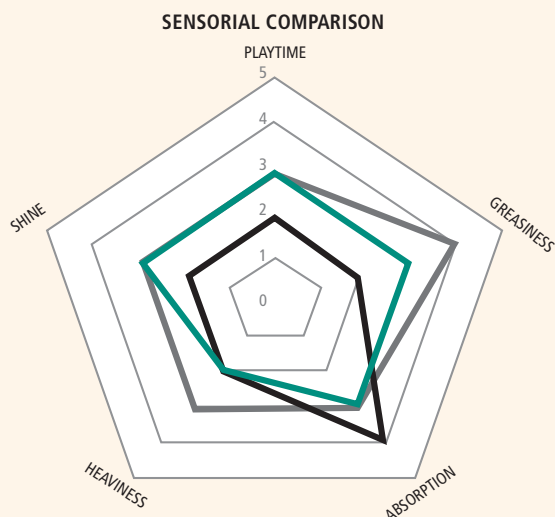
Appearance @25° C	Clear, colorless to slightly yellow liquid
Odor	Characteristic
Saponification Value, mgKOH/g	190-20
Specific Gravity @ 20° C	0.856-0.862
Refractive Index at 20° C	1.436 – 1.440
Recommended Use Level	1 – 10%



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WHAT DOES LIPONATE™ CCC DO?

Liponate™ CCC is a fast-spreading, 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** leaves an invisible film on the skin that contributes to long-term hydration after application.

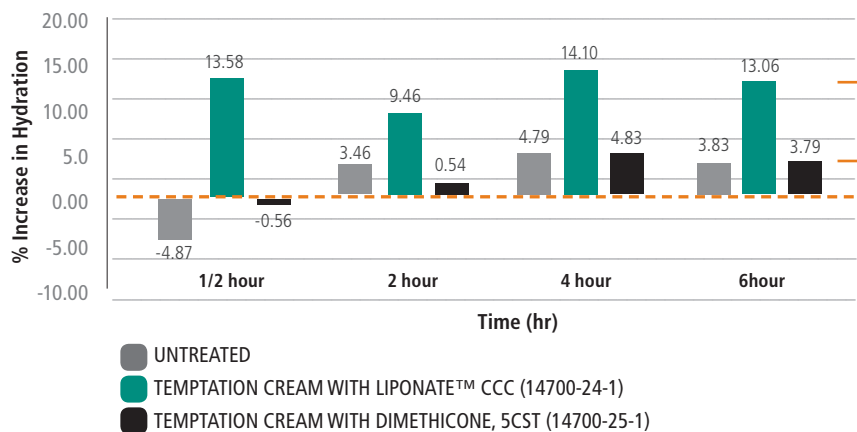


METHOD

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

18 PANELISTS

- DIMETHICONE
- PPG-3 BENZYL ETHER MYRISTATE
- LIPONATE™ CCC



240% increase vs. Dimethicone

METHOD

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

11 PANELISTS

Liponate™ CCC is an excellent choice for the formulation of light clear lotions. It improves the spreadability and glide of varieties of skin care products during application and leaves a non-greasy, soft after touch.

Liponate™ CCC can improve the solubilizing of crystalline UV filters for sun care products. It is also a great pigment dispersant for color applications.

Liponate™ CCC is highly stable in formulations.

All data, including the formulations and procedures discussed herein, to the knowledge of Vantage Specialty Chemicals, Inc. (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.