

PALMESTER 1910

Cetyl Ethylhexanoate

PALMESTER Cetyl Ethylhexanoate is an odourless and colourless emollient ester that gives a velvety and silky feel to the skin. It has great spreadability and non-oily feel. It is often used as base oil in the production of a wide variety of cosmetics and skin care products.

PALMESTER Cetyl Ethylhexanoate is used up to 77% in rinse-off formulations near the eye. The highest leave-on use reported is 52% in lipstick formulations. PALMESTER Cetyl Ethylhexanoate can be used for cosmetic sprays up to 8%.

PALMESTER Cetyl Ethylhexanoate provides solubilising properties and serves as a penetration enhancer for pharmaceutical transdermal drug delivery.



- ✓ Good compatibility with oil soluble materials
- ✓ Improves spreadability on skin with a light after-feel
- ✓ Safe for use around the eyes
- ✓ Alternative to silicone oil
- ✓ Good oxidative stability

Product Information

PALMESTER 1910	Properties
INCI Name	Cetyl Ethylhexanoate
CAS Number	59130-69-7
Appearance	Colourless liquid
Dynamic Viscosity @ 20°C (mPa.s)	14
Refractive Index @ 20°C	1.446
Certification	Halal, Kosher
Country Inventory Listing	USA, Canada, Europe, Australia, New Zealand, Korea, Japan, Taiwan, Philippines, Vietnam

Please contact our sales representative for more information.

Product Applications



Skin Care



Colour Cosmetics



Hair Care



Sun Care

Performance Benefits



- Demonstrates better pigment wetting capability compared to Dimethicone.¹
- Alternative natural emollient to Cyclopentasiloxane (D5) and Cyclotetrasiloxane (D4) in personal care and cosmetic formulations.²
- Exhibits higher skin moisturisation in oil-in-water emulsion compared to Octyldoecanol and Cyclomethicone in tested formulations.³
- Improves skin hydration in combination with glycerine or urea in tested emollient and humectant-based emulsion.³

Our Brand in the Global Arena



References

1. M. Mentel*, S. Wiechers, A. Howe, P. Biehl, J. Meyer - Senses- A Scientific Tool for the Selection of The Right Emollient. 2014 SOFW pg 140.
2. Biocatalytic solutions to cyclomethicones problem in cosmetics; Eng Life Sci. 2019 May; 19(5): 370-388. María Claudia Montiel, Fuensanta Máximo, Mar Serrano-Arnaldos, Salvadora Ortega-Reguena, María Dolores Murcia, and Josefa Bastida.
3. International Journal of Cosmetic Science, 2013,35, 402-41. Analysis of electrical property changes of skin by oil-in-water emulsion components. C. B. Jeong, J. Y. Han, J. C. Cho, K. D. Suh, and G. W. Nam, Amorepacific R&D Center, Skin Research Institute

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