



**COSMETIC
SUPPLIES
USA, INC.**



CETYL PALMITATE

Cetyl Palmitate has similar properties to whale wax. Palmitic acid (also called hexadecanoic acid) constitutes between 20 and 30 percent of most animal fats and is also an important constituent of most vegetable fats (35 - 45 percent of palm oil). In cosmetics and personal care products, the Palmitates are used in a wide spectrum of products.

Application: It is used as an emollient that lubricates and conditions the skin's surface, helping it to appear softer and smoother. It is also used as a surfactant in shampoos, and as an emulsifier and thickening agent in various lotions and cremes. It also helps add texture to various makeup products. This ingredient is primarily used in personal care products such as facial moisturizer, foundation, lipstick, lip/eye liner, sunscreen, anti-aging treatment and concealer.

Cetyl Palmitate is a Cetylated Fatty Acid.

Infrared Absorption (197F) - Use a thin film of melted test specimen. The retention times of the peaks corresponding to cetyl alcohol and palmitic acid in the chromatogram of the Test solution corresponds to those in the chromatogram of the System suitability solution as obtained in the content of palmitic acid test.

ANALYSIS	SPECIFICATIONS
Melting Range, Class II (741)	Between 46°C and 53°C
Acid Value (401)	Not more than 1
Hydroxyl value (401)	Not more than 6
Iodine value (401)	Not more than 1
Saponification value (401)	Between 110°C and 130°C
Loss on Drying (731)	Dry it at 105°C for 1 hour; it loses not more than 3.0% of its weight
Residue on ignition (281)	Not more than 0.05%
Heavy metals, Method II (231)	0.002%

The above data is provided for the convenience of the user and does not relieve the user of normal liability for inspection of material upon delivery or prior to actual use. Statements concerning the possible use of our product are not intended as a recommendation to use our product in the infringement of any patent.

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