
Updated: 08-Jan-2026

Cetyl Palmitate

Specification Sheet

Description: Pure vegetable lipid ester derived from cetyl alcohol & palmitic acid (naturally occurring fatty acid). Cetyl palmitate is a natural substance as it occurs naturally in spermaceti of sperm whales. Required HLB is 10. Melting point 113-127°F (45-53°C).

CAS: 540-10-3

INCI Name: Cetyl Palmitate

Composition: Cetyl Palmitate

Appearance: White to off-white waxy flakes, characteristic odor.

Benefits:

- Great skin-conditioning and emollient ingredient.
- Used as occlusive and masking ingredient.
- Enhances emulsion stability.
- Excellent film former.
- Reduces greasy feel of oil systems.
- Improves payoff characteristics in stick cosmetics.

Use: Add to oil phase of formulas, usual final concentration 2-15%. For external use only.

Applications: Color cosmetics (e.g. lipsticks), hair care, lotions, creams, moisturizers, cleansers, deodorant sticks, sunscreens.

Solubility: Oil-soluble

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: USA

Raw material source: Palm Oil (RSPO Certified)

Manufacture: Cetyl palmitate is produced by reacting cetyl alcohol with palmitic acid.

MakingCosmetics Inc.

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Animal Testing: Not animal tested.

Vegan: Does not contain animal-derived components.

HS Code: 3402132010

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