

Cetyl Alcohol

Specification Sheet

Description: All-purpose thickening alcohol (1-hexadecanol, hexadecyl or palmityl alcohol), derived from vegetable oils, > 95%, composed of fatty alcohols

CAS: 36653-82-4

INCI Name: Cetyl alcohol

Composition: Cetyl alcohol

Appearance: White flakes or pellets, no or faint odor.

Benefits:

- Non-gelling thickener and viscosity enhancer (also in water-free products like lipsticks)
- Has co-emulsifying properties if concentration is higher than 5%.
- Has mild emollient and moisturizing properties.
- Can boost foam when together with surfactants.

Use: Add to hot oil phase to melt for proper use (54°C/129°F). Typical use level 0.5-6%. For external use only.

Applications: Lotions, creams, hair shampoos, hair conditioners, body washes, makeup products.

Solubility: Water-insoluble, partially solubility in hot water (1.34x10⁻⁵ g/l); soluble in diethyl ether and acetone, slightly soluble in alcohol.

Preservation: Preservative-free

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

Country of Origin: India

Raw material source: Palm kernel oil (RSPO certified)

Manufacture: Cetyl alcohol is made by catalytic hydrogenation of triglycerides and followed by oxidation of a chain growth product of ethylene oligomerized on a triethylaluminum catalyst.

Animal Testing: Not animal tested.



10800 231st Way NE
Redmond, WA 98053
Phone: 425-292-9502
makingcosmetics.com

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 2905170000