

Palmitic Acid

Specification Sheet

Description: Emulsifying fatty acid derived from palm oil that is made in an environmentally sustainable manner by a manufacturer who is a full-fledged member of the Roundtable on Sustainable Palm Oil (RSPO) and fully complies with all domestic and international regulatory requirements for fair trade. Saponification value 218-222. HLB 11-12 (gives oil-in-water emulsions).

CAS: 57-10-3, 57-11-4, 544-63-9

INCI Name: Palmitic Acid, Stearic Acid, Myristic Acid

Composition: Palmitic Acid, Stearic Acid, Myristic Acid

Appearance: White crystals or flakes

Benefits:

- Acts as viscosity builder, emollient and co-emulsifier.
- Acts also as super-fatting agent and opacifier.
- Widely used to improve emollience and thickness of emulsions.

Use: Add to formulas to the heated oil phase to melt the crystals. Typical use level 0.25-3%. For external use only.

Applications: Creams, cream rinses, shampoos and conditioners, soaps, and many other basic cosmetic preparations.

Solubility: Insoluble in water, soluble in ethanol, ether, and most organic solvents.

Preservation: Preservative-free

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

Country of Origin: Malaysia

Raw material source: Palm oil sourced from sustainable source (RSPO)

Manufacture: Palmitic acid is produced from fats and oils by the saponification of the triglycerides using hot water. The resulting mixture is then distilled.



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Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 2915700100