

## 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. White crystals or flakes. Saponification Value 218-222. HLB 11.6. Insoluble in water, soluble in ethanol, ether and most organic solvents.

**CAS:** 57-10-3

**INCI Name:** Palmitic acid

**Benefits:**

- Acts as viscosity builder, emollient and co-emulsifier
- Acts also as superfatting 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.

**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.

**Animal Testing:** Not animal tested

**GMO:** GMO-free, but not certified

**Vegan:** Yes