

# Isopropyl Palmitate

## Specification Sheet

**Description:** Multi-functional fatty acid made of the ester of isopropyl alcohol and palmitic acid derived from renewable vegetable oils. It acts as an emollient, moisturizer, wetting agent, and anti-static agent. It is readily biodegradable and is GMO-free. C16 Ester (90% minimum). Saponification value 183-193.

**CAS:** 142-91-6

**INCI Name:** Isopropyl palmitate

**Composition:** Isopropyl palmitate

**Appearance:** Colorless, slightly viscous liquid.

**Benefits:**

- Has excellent emollient and lubricant properties.
- Non-tacky, non-oily, fast spreading, and effective absorption.
- Widely used as wetting agent and fragrance enhancer.
- Has slight anti-static properties.

**Use:** Add to the oil phase of emulsions. Typical use level 1 - 10%. May solidify at colder temperatures, revert by warming. For external use only.

**Applications:** Bath oils, skin creams, sunscreens, shaving creams, vanishing creams, hair conditioner, pre-shaves & aftershaves, shampoos, bath oils, aerosol antiperspirants and deodorants.

**Solubility:** Water insoluble, soluble in alcohol, acetone

**Preservation:** Preservative-free

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

**Country of Origin:** USA

**Raw material source:** Isopropyl alcohol and palmitic acid

**Manufacture:** Isopropyl palmitate is produced from the ester of isopropyl alcohol and palmitic acid. Fatty acid esterification is realized as a reactive distillation.



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

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**Animal Testing:** Not animal tested.

**GMO:** GMO-free

**Vegan:** Does not contain animal-derived components.

**HS Code:** 2915700010