

# Isopropyl Myristate

## Specification Sheet

**Description:** Ester of isopropyl alcohol and myristic acid (vegetable-derived). Low viscosity fluid non-greasy emollient, tolerates wide pH range, compatible with most surfactants. Thanks to its low viscosity and density, it has a high spreadability. Specific gravity 0.85 (at 20° C).

**CAS:** 110-27-0

**INCI Name:** Isopropyl myristate

**Composition:** Isopropyl myristate

**Appearance:** Colorless oil-like liquid, odorless

**Benefits:**

- Superior emollient for non-greasy bath, body, and baby oils.
- Lubricant and compression aid for pressed powders.
- Light & non-tacky emollient for creams and lotions. Readily adsorbed by the skin.
- When used at high concentrations it gently lifts makeup and surface dirt.
- Gives gloss and shine to hair.
- Resistant to oxidation (does not become rancid)
- Widely used as diluent for fragrance oils.

**Use:** Can be added to formulas as is, add to oil phase. Typical use level 1-20%. Required HLB: 11.5. For external use only.

**Applications:** Creams, lotions, hand creams, shampoo, shower gels, makeup removers, powders and foundations.

**Solubility:** Water-insoluble, but soluble with silicones, and hydrocarbons.

**Preservation:** Preservative-free

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

**Country of Origin:** USA

**Raw material source:** Vegetable oils (myristic acid) and isopropanol.

**Manufacture:** Isopropyl myristate is produced by distillation, which is preceded by the esterification of myristic acid and isopropanol, alkali refined to neutralize the catalyst.

**Animal Testing:** Not animal tested.

**GMO:** GMO-free (does not contain plant-derived components)

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

**HS Code:** 2712900000