

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: 2915908000