

## Triglyceride

### Specification Sheet

**Description:** Lipid (triester) composed of glycerin, caprylic & capric fatty acids. It is based on saturated even-numbered, unbranched natural fatty acids of vegetable origin. Please note that triglyceride is not the same as fractionated coconut oil. Triglyceride is a special esterification of oils using caprylic and capric fatty acids, whereas fractionated coconut oil is made by distilling coconut oil. Clear oily liquid, no or faint odor. Insoluble in water, soluble in warm alcohols, miscible with fats & oils. Required HLB value is 11.0.

**CAS:** 73398-61-5, 65381-09-1

**INCI Name:** Caprylic / capric triglyceride

**Benefits:**

- Exceptional low-viscosity emollient and lubricant leaving a soft and non-greasy feel on the skin due to its low melting point
- Improves spreading of creams and lotions
- Excellent vehicle and solvent for lipophilic active ingredients and UV filters (improves their effectiveness)
- It is free from antioxidants and other stabilizing additives
- Approved for use in NSF/ANSI Standard 305 certified products

**Use:** Can be added to formulas as is. Add to oil phase of formula. Usual final concentration 5-50%. For external use only.

**Applications:** Widely applicable as emollient for "oil-free products", non-oxidizing fat base & solvent of active ingredients in skin, hair care & makeup products.

**Country of Origin:** USA

**Raw material source:** RSPO certified palm oil (Roundtable on Sustainable Palm Oil)

**Manufacture:** Palm oil is first hydrolyzed to yield fatty acids and glycerol. The fatty acids undergo distillation to separate them into fractions of different chain lengths. The C8 caprylic acid and C10 capric acid fractions are then re-esterified with glycerol to form triglyceride.

**Animal Testing:** Not animal tested

**GMO:** GMO free but not certified

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