

Glyceryl Oleate

Specification Sheet

Description: Glyceryl oleate is the monoester of glycerin and oleic acid. It's part of the hair lipids and skin lipids and has re-fating properties. Used as emulsifier and nonionic co-surfactant in various skin and hair care products. Creates water-in-oil emulsions (HLB value 3-5) but can also be used as a co-emulsifier and thickener for oil-in-water formulations. Saponification value: 160-180.

CAS: 25496-72-4, 25637-84-7, 56-81-5

INCI Name: Glyceryl Oleate, Glyceryl Dioleate, Glycerin

Composition: Glyceryl Oleate, Glyceryl Dioleate, Glycerin, Oleic Acid

Appearance: Pale yellow soft solid, becomes liquid at temperatures above 21 °C (70 °F), bland odor.

Benefits:

- Emulsifies water and oil phase to form water-in-oil emulsions.
- Acts as stabilizer and thickener in oil-in-water formulations.
- Widely used as re-fating agent in shower gels and hair shampoos.

Use: Add to oil/emulsifier phase of formulas. Typical use level: 0.5-3%. If used in surfactant systems, typical use level is 0.5-1% which should still keep shampoos clear and transparent. For external use only.

Applications: Creams, lotions, shampoos, shower gels, liquid soaps, hair pomades.

Solubility: Oil-soluble

Preservation: Preservative-free

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

Country of Origin: USA

Raw material source: Fatty acids derived from coconut and palm oil.

Manufacture: Glyceryl oleate is produced by combining naturally derived oleic acid with glycerin.

Animal Testing: Not animal tested.



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GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 3402420000