

PEG-40 Hydrogenated Castor Oil

Specification Sheet

Description: Non-ionic, ethoxylated polyethylene glycol ester made from castor oil. HLB value 15 (gives oil-in-water emulsions).

CAS: 61788-85-0

INCI Name: PEG-40 hydrogenated castor oil

Composition: PEG-40 hydrogenated castor oil

Purity Grade: No purity grade applicable

Appearance: Off-white to yellowish, semi-solid paste

pH Value: PH range: 5.5-7 (3% in water)

Benefits:

- Multifunctional agent that can be used as emulsifier, surfactant and solubilizer
- Useful also as foam booster and solubilizer of extracts, perfumes and vitamins

Use: Can be added to formulas as is. Typical use level 1 - 10%. For external use only.

Applications: Universally applicable, especially in liquid soaps, lotions, body washes, shower gels, hair shampoos, facial cleansers, bubble baths, decorative cosmetics.

Solubility: Miscible in water and oils

Preservation: Preservative-free

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

Country of Origin: USA

Raw material source: Castor oil (obtained from castor beans)

Manufacture: Hydrogenation of castor oil with hydrogen gas followed by pegylation (attachment of polyethylene glycol molecules)

Animal Testing: Not animal tested



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GMO: No data available

Vegan: Does not contains animal-derived components

HS Code: 3402420000

Proposition 65: WARNING: This product can expose you to chemicals including ethylene oxide and 1,4-dioxane, which are known to the State of California to cause cancer or reproductive toxicity. For more information, go to www.P65Warnings.ca.gov