

PEG-40 Hydrogenated Castor Oil

Specification Sheet

Description: Non-ionic, ethoxylated polyethylene glycol ester made from castor oil. Off-white/yellow liquid to semi-solid. Miscible in water and oils. HLB value 15 (gives oil-in-water emulsions). pH 5.5-7 (3% in water).

CAS: 61788-85-0

INCI Name: PEG-40 hydrogenated castor oil

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, usual concentration 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.

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

GMO: Not tested for GMOs

Vegan: Does not contains animal-derived components