

PEG-150 Distearate

Specification Sheet

Description: Polyethylene glycol diester of stearic acid. White flake, characteristic odor, slightly cloudy in water, clear in surfactant-containing solutions. HLB 18.9 (gives oil-in-water emulsions). Soluble in water.

CAS: 9005-08-7

INCI Name: PEG-150 Distearate

Benefits:

- Effective thickener for surfactant-containing products (e.g. shampoo, conditioner, shower gels)
- Solubilizer for various water-insoluble ingredients
- Has good co-emulsifying properties in creams & lotions

Use: Heat to 60°C (140°F) when incorporating into formulas. Typical use level 0.5-5% (even at low levels there is a thickening effect). For external use only.

Applications: Shampoo, conditioner, shower gels, baby shampoo, bubble bath, creams, lotions & other emulsions.

Country of Origin: USA

Raw material source: Palm kernel oil, ethylene oxide

Manufacture: PEG-150 distearate is produced by esterification of stearic acid and then reacted with ethylene oxide.

Animal Testing: Not animal tested

GMO: Not tested for GMOs

Vegan: Does not contain animal-derived components