

PEG-150 Distearate

Specification Sheet

Description: Polyethylene glycol diester of stearic acid. HLB 18.9 (gives oil-in-water emulsions). Appears slightly cloudy in water, but clear in surfactant-containing solutions.

CAS: 9005-08-7

INCI Name: PEG-150 Distearate

Composition: PEG-150 Distearate

Appearance: White flakes, characteristic odor

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.

Solubility: Water-soluble

Preservation: Preservative-free

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

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.



10800 231st Way NE
Redmond, WA 98053
Phone: 425-292-9502
makingcosmetics.com

GMO: No data available.

Vegan: Does not contain animal-derived components.

HS Code: 3823110000

Proposition 65: WARNING: This product can expose you to chemicals including ethylene oxide (<1 ppm) and 1,4-dioxane (<10ppm) which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov

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