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