

## Glycol Distearate

### Specification Sheet

**Description:** Glycol distearate is the diester of ethylene glycol and stearic acid. HLB value 5-6 (gives water-in-oil emulsions). Melting Point: 60-63°C (140-145°F).

**CAS:** 627-83-8

**INCI Name:** Glycol Distearate

**Composition:** Glycol Distearate

**Appearance:** Off-white flakes, faint odor.

**Benefits:**

- Has good opacifying and pearling properties without thickening.
- It imparts a distinctive high luster pearl.
- Effective emulsifier for creams and lotions but also shampoos and liquid soaps.
- Provides a pearling effect with minimal foam depression.

**Use:** Add to hot oil phase. Typical use level 2-4%. For external use only.

**Applications:** Lotions, creams, hair shampoos, conditioners, hair rinses, body washes, liquid soaps, hair pastes, liquid soap.

**Solubility:** Water-insoluble, dispersible in water & oil.

**Preservation:** Preservative-free

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

**Country of Origin:** Mexico

**Raw material source:** Vegetable oils

**Manufacture:** Glycol distearate is produced via the esterification of stearic acid or its esters with ethylene glycol.

**Animal Testing:** Not animal tested.



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**GMO:** GMO-free

**Vegan:** Does not contain animal-derived components.

**HS Code:** 3402130000

**Proposition 65:** WARNING: This product can expose you to chemicals including 1, 4 Dioxane (<10ppm) and Ethylene Oxide (<1pp), which is known to the State of California to cause cancer or reproductive toxicity. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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