

## Sorbitan Stearate

### Specification Sheet

**Description:** Emulsifying agent derived from sorbitol and stearic acid. Saponification value 147-157. HLB value 4.7 (gives water-in-oil emulsions).

**CAS:** 1338-41-6

**INCI Name:** Sorbitan Stearate

**Composition:** Sorbitan Stearate

**Appearance:** Pale-yellow pellets, odorless.

**Benefits:**

- Mild all-purpose water-in-oil emulsifier (enables water & oil to mix).
- Emulsion can be further stabilized when combined with polysorbate 60 or 80.
- Acts as dispersing agent and has thickening properties.

**Use:** Warm to melt before use. Typical use level 1 - 6%. For external use only.

**Applications:** Lotions, creams, ointments, various makeup products.

**Solubility:** Partly soluble in alcohols, insoluble in water & oils.

**Preservation:** Preservative-free

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

**Country of Origin:** USA

**Raw material source:** Sorbitol, stearic acid (from vegetable oils)

**Manufacture:** Sorbitan stearate is obtained by esterification of sorbitan (a sorbitol derivative) with the fatty acid stearic acid.

**Animal Testing:** Not animal tested.

**GMO:** GMO-free.



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

**HS Code:** 3402420000