

Updated: 07-Dec-2021

## Stearyl Alcohol

### Specification Sheet

**Description:** Vegetable-based, highly refined fatty alcohol. Melting point 56 – 60°C (133-140°F). HLB 15.5 (give oil-in-water emulsions but only to a limited degree).

**CAS:** 112-92-5

**INCI Name:** Stearyl alcohol

**Composition:** Stearyl alcohol

**Purity Grade:** No purity grade applicable

**Appearance:** White flakes or pastilles

**Benefits:**

- Acts as co-emulsifier, skin conditioner, and superfatting agent
- Has good thickening and stabilizing properties for all kinds of emulsions
- Can be used as opacifier

**Use:** Melt before use (58°C/138°F) or add to hot water phase. Typical use level 0.5-10%. For external use only.

**Applications:** Serums, creams & lotions, deodorants and other stick personal care products.

**Solubility:** Water-insoluble

**Preservation:** Preservative-free

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

**Country of Origin:** USA

**Raw material source:** Coconut oil and vegetable oils.

**Manufacture:** Stearyl alcohol is a mixture of the fatty alcohols 1-octadecanol, 1-hexadecanol and 1-eicosanol which are made by catalytic hydrogenation of the triglycerides obtained from vegetable and coconut oils and followed by oxidation of a chain growth product of ethylene oligomerized on a triethylaluminum catalyst.



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**Animal Testing:** Not animal tested

**GMO:** No data available

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

**HS Code:** 3402130000

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