

## CreamMaker® Wax

### Specification Sheet

**Description:** Non-ionic emulsifying wax containing a combination of the two emulsifiers polysorbate 60 and cetearyl alcohol. Saponification value 14. HLB value 12-13 (gives oil-in-water emulsion).

**CAS:** 8005-44-5, 67762-27-0, 9005-67-8

**INCI Name:** Cetearyl alcohol, polysorbate 60

**Composition:** Cetearyl alcohol, polysorbate 60

**Appearance:** White waxy flakes, odorless

**Benefits:**

- Non-ionic oil-in-water emulsifier (enables water & oil to mix).
- Does not require the aid of other emulsifiers.
- Has high electrolyte tolerance.
- Has also dispersing, thickening, and solubilizing properties (stabilizes essential oils).

**Use:** Warm to melt before use, dispersible in oil or water, use 2-10% in formulations. For external use only.

**Applications:** All kinds of cosmetics requiring emulsification as lotions, creams, gels.

**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:** USA

**Raw material source:** Coconut oil, vegetable oils, and sorbitol

**Manufacture:** Cetearyl alcohol is a mixture of the fatty alcohols cetyl alcohol and stearyl alcohol 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. Polysorbate 60 is obtained by esterification of sorbitol with one or three molecules of a fatty acid including stearic, lauric, oleic, and palmitic acid.



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**Animal Testing:** Not animal tested.

**GMO:** No data available.

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

**HS Code:** 3402120000