

## CreamMaker® WAX

### Specification Sheet

**Description:** Non-ionic emulsifying wax containing a combination of the two emulsifiers polysorbate 60 & cetearyl alcohol. White waxy flakes, odorless. Water-insoluble, dispersible in water & oil. Saponification value 14.0 Max. pH Value: 5.5-7 (3% solution). HLB value 12-13.

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

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

**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.

**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.

**Animal Testing:** Not animal tested

**GMO:** Not tested for GMOs

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