

## CreamMaker® BEHENYL

### Specification Sheet

**Description:** Natural, behenyl-based emulsifying wax based of high molecular weight compounds creating emulsion with creamy consistency. Approved by NPA (Natural Products Association). Melting point 55-70°C. Saponification value 65-95. HLB value 8-10.

**CAS:** 661-19-8, 37349-34-1

**INCI Name:** Behenyl Alcohol, Polyglyceryl-3 Stearate

**Composition:** Behenyl Alcohol, Polyglyceryl-3 Stearate

**Appearance:** Off-white to light tan granules.

**Benefits:**

- Strong emulsifier and thickener useful in various systems including sulfate-free surfactant systems.
- Very light and hydrating on the skin and produces viscosity ranging from 3,000-7,000cps.
- Functions primarily as emulsifier for O/W emulsions, but works also in W/O emulsions.
- Has solubilizing, and skin conditioning properties.
- Very stable and compatible with blends of performance ingredients, fragrance, acids, and base.

**Use:** Add to heated oil phase of emulsions. Typical use level 3-5%. For external use only.

**Applications:** Creams, lotions, hair pomades, surfactant systems, foundations, and mascaras.

**Solubility:** Partially soluble in water, soluble in most ingredients that are soluble in the oil phase.

**Preservation:** Preservative-free.

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

**Country of Origin:** USA

**Raw material source:** Behenyl alcohol is derived from vegetable sources; polyglyceryl stearate is derived from vegetable-derived glycerol and stearic acid.

**Manufacture:** Behenyl alcohol is produced by standard fatty acid processing from vegetable oils. Polyglyeryl stearate is produced by the reaction of the alcohol glycerol and stearic acid.



10800 231<sup>st</sup> Way NE  
Redmond, WA 98053  
Phone: 425-292-9502  
makingcosmetics.com

---

**Animal Testing:** Not animal tested.

**GMO:** No data available.

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

**HS Code:** 3402120000