

## CreamMaker® CAT

### Specification Sheet

**Description:** Naturally derived, cationic self-emulsifying wax & quaternary conditioner consisting of 75% of cetearyl alcohol and 25% of behentrimonium methosulfate (derived from colza oil of the natural plant Colza). HLB Value about 15 (gives oil-in-water emulsion). Similar to BTMS. CreamMaker CAT is BTMS plus cetearyl alcohol.

**CAS:** 241148-21-0, 81646-13-1, 67762-27-0, 8005-44-5

**INCI Name:** Behentrimonium Methosulfate, Cetearyl Alcohol

**Composition:** Behentrimonium Methosulfate, Cetearyl Alcohol

**Appearance:** Off-white flakes, faint odor.

**Benefits:**

- Skin care products: gives superior cationic emulsions with soft powdery feel, thickening and stabilizing effects, able to emulsify silicone up to 50%.
- Hair care products: excellent conditioning and detangling effects, superior wet combing, very gentle for leave-on products.

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

**Applications:** Moisturizing creams & lotions, silicone emulsions, antiperspirants & deodorants, various hair care products (conditioners, detanglers, hair dyes, hair relaxers, leave-on treatments, ethnic hair care products).

**Solubility:** Insoluble, but dispersible in water & oil.

**Preservation:** Preservative-free

**Storage:** Keep container tightly closed in a dry and well-ventilated place. Store at room temperature.

**Country of Origin:** Korea

**Raw material source:** Colza oil (canola oil); coconut oil and vegetable oils.

**Manufacture:** Behentrimonium methosulfate is produced from fatty acids obtained from colza oil (canola oil) and further "quaternized" by alkylation of tertiary amines to obtain a quaternary ammonium compound.



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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.

**Animal Testing:** Not animal tested.

**GMO:** GMO-free

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

**HS Code:** 3402120000