

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). Off-white flakes, faint odor. Insoluble, but dispersible in water & oil. HLB Value: approx. 15 (gives oil-in-water emulsions). pH Value: 5-7 (2% solution).

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

INCI Name: Behentrimonium methosulfate, cetearyl alcohol

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).

Country of Origin: USA

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. 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: No data available

Vegan: Does not contain animal-derived components