

Behentrimonium

Specification Sheet

Description: Cationic quaternary ammonium compound (docosyltrimethylammonium chloride) made from colza oil (canola oil) with potent conditioning effect. Whole Foods Premium Body Care approved. Activity: 79-81% active substances.

CAS: 17301-53-0, 64-17-5

INCI Name: Behentrimonium Chloride (and) Ethyl Alcohol

Composition: Behentrimonium Chloride, Ethyl Alcohol, Water

Appearance: White to off-white flakes, alcohol-like odor.

Benefits:

- Potent conditioner with antistatic & detangling properties.
- Able to restore & rebuild damaged hair (due to colza oil it does not coat but penetrates & substantiates the hair shaft).
- Especially effective for softening coarse hair.
- Has some antimicrobial properties.

Use: Use level 0.5-3 %, add pellets to warm water or oil (85°C) to melt, avoid overheating. For external use only.

Applications: Hair conditioners, hair shampoos, hair rinses.

Solubility: Soluble in hot water or oil (85°C/185°F)

Preservation: Preservative-free

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

Country of Origin: Korea

Raw material source: Colza oil (canola oil)

Manufacture: Behentrimonium chloride 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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Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 3402120000