

## 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. White to off-white flakes, alcohol-like odor. Soluble in hot water or oil (85°C/185°F), pH: 6-8 (2% solution). Activity: 79-81% active substances.

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

**INCI Name:** Behentrimonium chloride, ethyl alcohol

**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.

**Country of Origin:** USA

**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.

**Animal Testing:** Not animal tested

**GMO:** No data available

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