

# Tribehenin

## Specification Sheet

**Description:** Tribehenin is the triglyceride of behenic (C22) acid. Very soft and amorphous (non-crystalline) wax and can be used to modify the properties of other waxes by softening structure and reducing crystallinity and rigidity. Melting point: 57 - 62°C (135-144F).

**CAS:** 18641-57-1

**INCI Name:** Tribehenin

**Composition:** Tribehenin

**Purity Grade:** No purity grade applicable

**Appearance:** Off-white pellets

**Benefits:**

- Imparts gloss to stick systems, improves pay-off, and provides products with a smooth application and pleasant feel
- Particularly useful for formulating anhydrous systems such as lip salves and soft solid antiperspirants
- Can also be used as a suspending and thickening agent

**Use:** Add to hot oil phase of formulation until melted (melting point 57 - 62°C / 135-144F). Typical use level 0.5-10%. For external use only.

**Applications:** Stick products, deodorants, lip balms, pomades, foundations, creams, lotions.

**Solubility:** Water-insoluble

**Preservation:** Preservative-free

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

**Country of Origin:** Canada

**Raw material source:** Glycerin and behenic acid which is derived from the seeds of the Ben-oil tree (*Moringa oleifera*).



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**Manufacture:** Synthetically produced as glyceryl triester or glyceryl tribehenate comprised of mixture of glycerin and behenic acid.

**Animal Testing:** Not animal tested

**GMO:** GMO-free

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

**HS Code:** 3505100000

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