

Behenyl Behenate

Specification Sheet

Description: High purity monoester wax made from naturally derived feedstock. Can be used as natural structuring and gelling agent in various skin care products and color cosmetics. Melting point 70 - 74°C (158 - 165°F). Acid value < 2 mg KOH/g. Saponification value 79 - 89 mg KOH/g.

CAS: 17671-27-1

INCI Name: Behenyl behenate

Composition: Behenyl behenate

Appearance: White to yellowish, hard granules.

Benefits:

- Natural structuring and gelling agent with good film forming properties and good thermal stability (a very narrow thermal phase change)
- Can be used as a vegan replacement for beeswax, especially together with Polyhydroxystearic Acid.
- Shows good compatibility in a large variety of solvents.
- Can be used as a natural replacement for polyethylene exfoliating beads.
- Provides excellent emollient properties.

Use: Warm to melt before use. Add to fat phase in formulas requiring emulsification. Typical use level 1-20%. For external use only.

Applications: Color cosmetics, stick cosmetics incl. lipsticks, lip balms, deodorants. Skin and hair care products.

Solubility: Water-insoluble

Preservation: Preservative-free

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

Country of Origin: USA

Raw material source: Naturally derived feedstock.



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Manufacture: Behenyl behenate is produced from plant derived behenyl alcohol and plant derived behenic acid which are esterified producing the monoester, behenyl behenate. The monoester is then granulated.

Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 1521100040