

PEG-8 Beeswax

Specification Sheet

Description: Semi-solid non-ionic self-emulsifying wax made from esterification of the free fatty acids of beeswax (Cera alba). White to yellowish-colored waxy semi-solid pastilles. Melting point 59-70°C/138-158°F. HLB-value 9 (gives water-in-oil emulsions). Saponification value 77-90. Not water-soluble.

CAS: 8012-89-3

INCI Name: PEG-8 beeswax

Benefits:

- Self-emulsifying wax for making stable oil-in-water emulsions that can contain a high concentration of oils or lipophilic active ingredient
- Provides enhanced emolliency and spreadability
- Compatible with a variety of oils and wide pH range tolerance

Use: Heat to 60-70°C/140-158°F to melt the pellets. Typical use level 1-10%. For external use only.

Applications: Creams, lotions, ointments, pomades, emulsions, cold creams & salves.

Country of Origin: USA

Raw material source: Beeswax, ethylene glycol

Manufacture: PEG-8 beeswax is made from esterification of free fatty acids obtained from beeswax (Cera Alba) and then reacted with ethylene glycol.

Animal Testing: Not animal tested

GMO: GMO-free (does not contain plant-derived components)

Vegan: Derived from bees