

## 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). Melting point 59-70°C/138-158°F. HLB-value 9 (gives water-in-oil emulsions). Saponification value 77-90.

**CAS:** 8012-89-3, 25322-68-3

**INCI Name:** PEG-8 Beeswax

**Composition:** PEG-8 Beeswax

**Appearance:** White to yellowish waxy semi-solid pastilles.

**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.

**Solubility:** Insoluble in water & alcohols, soluble in warm oils & other melted waxes.

**Preservation:** Preservative-free

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

**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.



10800 231<sup>st</sup> Way NE  
Redmond, WA 98053  
Phone: 425-292-9502  
makingcosmetics.com

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

**Vegan:** Derived from honey bees.

**HS Code:** 3402420000