

PEG-8 Beeswax



Polyethylene Glycol Beeswax, or PEG-8 Beeswax, is an esterification of the free fatty acids of beeswax. The result is a light colored wax, with a melt point typical of beeswax, designed for use in a variety of emulsions.

Applications:

Creams, Lotions, Cold Creams, Depilatories, Salves, Ointments, and Emulsions.

Advantages:

PEG-8 Beeswax creates lotions that are bright and fluid with enhanced emollience and spreadability. Levels of 5% PEG-8 Beeswax in water will produce stable emulsions and levels up to 10% will create creams and lotions with rich texture and a glossy appearance.

Regulatory:

INCI Name: PEG-8 Beeswax

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

Wax#	Wax Name	Melting Point	Acid Value	Saponification Value	Color
106	Cera Bellina	63 - 73°C	<2	80 - 94	White to Off White
136	Behenyl Beeswax	66 - 72°C	<2	80 - 95	White to Off White
202	PEG-8 Beeswax	59 - 70°C	<5	77 - 90	Off-White to Light Yellow

Specific waxes that are most appropriate for this category have been highlighted here