

## Candelilla Wax

### Specification Sheet

**Description:** Natural vegetable wax extracted from the candelilla plant (*Euphorbia antisyphilitica*, *Pedilanthus pavonis*, *Euphorbia cerifera*) from Northeastern Mexico. Yellow prills, odorless. Saponification value 43-65. Melting point 69-73°C/156-163°F. Soluble in alcohol, insoluble in water.

**CAS:** 8006-44-8

**INCI Name:** *Euphorbia cerifera* (candelilla) wax

**Benefits:**

- Non-gelling thickener, viscosity enhancer and plasticizer
- Compatible with most natural and synthetic waxes and resins
- Extraordinary film-forming properties
- Effective emollient
- Adds nice gloss to lipsticks

**Use:** Warm to melt before use. Add to fat phase in formulas requiring emulsification. Typical use level 2-30%. For external use only.

**Applications:** Creams, salves, ointments, protective creams, balms, pomades, lipsticks, mascaras, lip gloss.

**Country of Origin:** USA

**Raw material source:** Derived from the leaves of the Candelilla shrub native to Mexico and the USA

**Manufacture:** The wax is extracted by adding the mature plant to boiling water. After a while the wax floats to the surface for recovery. The crude wax is then melted in the presence of carbon and clay, pressed through a filter press, bleached with hydrogen peroxide, and filtered again. The bleach is completely neutralized.

**Animal Testing:** Not animal tested

**GMO:** GMO free

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