

## Synthetic Wax

### Specification Sheet

**Description:** Unique synthetic wax (hydrocarbon) that improves the overall thickness, stability and hardness of emulsions and various cosmetic oils. Small white beads. Melting point 66-73°C (150-163°F). Water-insoluble, oil soluble.

**CAS:** 8002-74-2

**INCI Name:** Synthetic wax

**Benefits:**

- Increases the oil phase viscosity in emulsions improving high temperature stability and overall product substantivity
- Allows stick formulations to withstand the heat and prevent expulsion of liquid from a gel during high temperature variations
- Improves oil hardness and crystal structure for hot pour applications
- Reduces oil bleed
- Enhances film formation for color retention

**Use:** Add to hot oil phase (150-163°F). Typical use level 2-8%. For external use only.

**Applications:** Lipsticks, foundations, sunscreens, creams, lotions, pomades, shampoos.

**Country of Origin:** USA

**Raw material source:** Petroleum

**Manufacture:** Synthetic wax is a complex combination of hydrocarbons obtained from petroleum fractions by solvent crystallization or from the catalytic hydrogenation of carbon monoxide.

**Animal Testing:** Not animal tested

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

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