

Updated: 12/07/2018

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