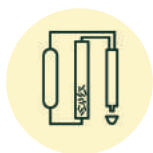


Green Tea Wax

INCI: Camellia Sinensis (Green Tea) Leaf Wax

Green Tea Wax is soft, creamy wax with a medium-low melting point. Its name is a bit of a misnomer in that it functions less like a wax in formulations and more like an emollient. Green Tea Wax is excellent for reducing transepidermal water loss on skin. In formulations, it has good oil-binding capacity and adds the perfect creaminess at less than 3% use. Bonus - we love the aromatherapy benefits the wax offers, as well as the light green color it imparts in balms.

A natural, emollient wax upcycled from the green tea industry.



Green tea leaves undergo supercritical CO₂ extraction during the decaffeination process. Crude wax, a waste product, is collected.



Crude wax undergoes refinement to isolate the pure wax from leaves and other plant debris.



The refined wax is further purified through filtration.

Quick Facts

- Dark, olive green wax that imparts natural color
- Green tea scent
- Increases creaminess of emulsions
- Acts as an emollient
- Low use level of 1 - 3%

TYPICAL PROPERTIES

Appearance (25°C)	Dark olive, grainy wax
Melting Point	140 - 150°F
Acid Value	20 - 35 mg KOH/g
Saponification Value	80 - 90 mg KOH/g
Solubility	Oil Soluble
Active Content	100%
Use Level	1 - 3%
Preservative	None

Formulation Guidelines

Green Tea Wax can be added to the oil phase of any formulation with heat. Due to its soft character, it does not increase viscosity or hardness. It has good oil binding capacity with other polar and non-polar emollients. Depending on the quantity added, the final color of the formulation will be yellow to green.

Applications

Creams • Lotions • Balms • Butters

Regulatory

Green Tea Wax by Simply Ingredients is a vegan by-product of the green tea industry in East Asia. It is refined in Germany. Retest date is 3 years from date of manufacture. Please check Certificate of Analysis for manufacturing and retest dates. Optimal storage temperature is 40 – 68°F. For external use only, keep out of reach of children.

