

TECHNICAL DATA SHEET

Product Name: Jasmine Wax

Raw Material Name: Jasmine Wax

INCI Name: Jasminum Grandiflorum Flower Wax

CAS: 84776-64-7

Chemical Class: Wax

Functional Category: Viscosity modifier; rheology modifier; film-forming agent; aromatic wax component.

Description: Jasmine Wax is a soft aromatic wax with an amber color and a characteristic jasmine flower scent. Its softness and waxy structure make it suitable for modifying the structure and consistency of solid and anhydrous systems such as lipsticks, balms and soaps. In formulations, it contributes to increasing viscosity and improving texture, while forming a thin protective film on the skin surface that contributes to a more pleasant sensory profile and protective properties of the formulation. Naturally present aromatic components give the wax its characteristic floral profile, which allows it to be used as a fragrance ingredient or as an aromatic component of the wax fraction of a formulation. Prolonged heating above 80 °C should be avoided whenever possible in order to limit the loss of characteristic aromatic components.

Physicochemical Properties: Soft wax with an amber to yellowish-brown color and a characteristic floral jasmine odor. It is intended primarily for the oil phase and anhydrous formulations. It is compatible with most natural and synthetic waxes and resins. Before use, it should be melted and then incorporated into the appropriate oil or wax phase of the formulation.

Benefits:

- **Viscosity modification:** increases consistency and contributes to the structure of solid and anhydrous formulations.
- **Film-forming effect:** forms a thin protective layer on the skin surface.
- **Texture improvement:** contributes to improved spreadability and a more pleasant sensory profile of the product.
- **Aromatic function:** provides a natural floral jasmine character to the formulation.
- **Wax compatibility:** combines well with various natural and synthetic waxes and resins.

Usage: Jasmine Wax is used as a non-gelling thickener, viscosity-increasing agent and rheology modifier. It has a pronounced film-forming effect and may be used as a

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fragrance ingredient or as an aromatic component of the wax fraction of the formulation. It should be melted before use and added to the oil phase of the formulation. The typical use level in a formulation is approximately 2-30%. In creams, balms, lotions and anhydrous formulations, it may be used up to 10%; in solid perfumes up to 30%; in scented candles up to 20%; and in melt-and-pour soaps up to 5%. For external use only.

Applications: Creams; salves; ointments; protective creams; balms; pomades; lipsticks; mascaras; lip glosses; solid perfumes; soaps; scented candles and other anhydrous or wax-based formulations.

Manufacturing Method: It is obtained as a by-product during the production of jasmine absolute. Jasmine flowers are extracted with an organic solvent, producing a concrete. Further processing of the concrete separates the absolute, while the remaining wax fraction may be further purified and filtered to obtain jasmine wax.

Regulatory Note: When used as a fragrance component, the finished formulation must be assessed in accordance with applicable requirements for the declaration of fragrance allergens. The INCI name and CAS number should be aligned with the documentation of the specific manufacturer for the supplied jasmine wax fraction.

Animal Testing: The substance has not been tested on animals.

GMO: Non-GMO.

Vegan: Contains no animal-derived components.