

Ethically Sourced Ingredients

PLANT-BASED WAXES

Suitable for beauty and personal care applications.

RHUS WAX

Rhus Wax is also known as Sumac Wax.

INCI: Rhus Succedanea (Rhus) Fruit Wax

Extraction Method: Pressed

Processing Method: Filtered and Decolorized

Form: Pastilles

Color: White to Off-White

Melting Point: 48-54C/118-129F (Softer than Beeswax)

Shelf Life: 2 Years

Origin: China

RICE BRAN WAX

INCI: Oryza Sativa (Rice) Bran Wax

Extraction Method: Dewaxing of Rice Bran Oil

Processing Method: Degummed, Deacidified, Refined, Bleached, Deodorized and Winterized

Form: Pastilles

Color: White to Pale-Yellow

Melting Point: 77C-82C/170F-179F (Firmer than Beeswax)

Shelf Life: 3 Years

Origin: China

SUGARCANE WAX

INCI: Saccharum Officinarum Cera (Sugarcane) Wax

Extraction Method: Solvent Extracted

Processing Method: Bleached and Vacuum Filtered

Form: Pastilles

Color: Red Brown to Dark Brown

Melting Point: 76C-82C/169F-179F (Firmer than Beeswax)

Shelf Life: 4 Years

Origin: China

SUNFLOWER WAX

INCI: Helianthus Annuus (Sunflower) Seed Wax

Extraction Method: Pressed

Processing Method: Filtered and Decolorized

Form: Pastilles

Color: White to Pale-Yellow

Melting Point: 74C-80C/165F-176F (Firmer than Beeswax)

Shelf Life: 3 Years

Origin: China

Our range of plant-based waxes also includes Bayberry Wax, Candelilla Pellets, Carnauba Flakes and Vegetable Based Emulsifying Wax.



Background:

Praan Naturals Rhus Wax is derived from the species *Rhus succedanea*. This plant species is also known as the Sumac or Wax Tree. Although many parts of the tree are known to be toxic when ingested, Rhus Wax is non-toxic for use in topical applications.

Our Rice Bran Wax is derived from the species *Oryza sativa* which is commonly referred to as Asian Rice in the English language. As with our other plant-based waxes, our Rice Bran Wax is Non-GMO.

Praan Naturals Sugarcane Wax is produced from *Saccharum officinarum cera*, a tall perennial grass that is most well known for its use in the production of sugar.

Our Sunflower Wax is derived from *Helianthus annuus*, the species typically referred to as the Common Sunflower. The Sunflower is widely recognized for its tall stature, beautiful flower heads, and for its nutritive seeds that are a valuable source of oil and wax.

Ethical and Sustainable Sourcing:

Praan Naturals Sunflower Wax and Rice Bran Wax are both ethically sourced ingredients that are produced as derivative (secondary) products during the production of food grade sunflower and rice bran cooking oils. Praan Naturals Sugarcane Wax is also a derivative (secondary) product that is produced during the sugar refinement process. Our Rhus Wax is ethically sourced and is derived from plants that are grown in mountain regions away from city pollution.

The IUCN Red List of Threatened Species (International Union for Conservation of Nature and Natural Resources) has classified both Sunflower (*Helianthus annuus*) and Rhus (*Rhus succedanea*) as stable and of least concern for endangerment. IUCN has not evaluated Rice Bran (*Oryza Sativa*) and Sugarcane (*Saccharum Officinarum Cera*), most likely because those species are so abundant.



Uses:

Praan Naturals Plant-Based Waxes serve as ideal vegan substitutes for beeswax.

Our Plant-Based Waxes can be used in creams, lotions, balms, lipsticks, mascara, body butters and other formulations where a smooth or creamy consistency is desired. They can serve as a thickening agent, and they lend emollience to the finished product. They also help stabilize emulsions and provide rigidity to lipstick and other stick formulations. The waxes may be combined to achieve the ideal consistency for your formulation.

Recommended Usage Rate:

Our lead formulator recommends using up to 35% for Rhus Wax due to its soft texture. Its melting point is lower than Beeswax and Candelilla Wax. She recommends using up to 30% for Rice Bran Wax, Sugarcane Wax and for Sunflower Wax due to both having a firmer texture and higher melting point than Beeswax and Candelilla Wax.

Plant-Based Wax Properties:

- Non-GMO
- Characteristic Aroma
- Emollient
- Humectant
- Helps to Stabilize Emulsions
- Lends Rigidity to Cosmetic and Soap Formulations

Plant-Based Waxes are Well Suited for the Following Personal Care Applications:

- Skin Care
- Hair Care
- Cosmetics
- Aromatherapy
- Wellness

Standard Packaging: Available in boxes.



Also Available:



Certified Organic Emulsifying Wax



Conventional Emulsifying Wax



Bayberry Wax



Candelilla Pellets



Carnauba Flakes



Fragrant Floral Waxes



Exfoliating Jojoba Wax Beads

*Our Fragrant Floral Waxes include Rose, Mimosa, Magnolia, Tuberose, Jasmine and 5 additional floral species.
Our Exfoliating Jojoba Wax Beads are available in numerous colors.*

For more information on Praan Naturals premium quality Plant-Based Waxes and other certified organic and conventional ingredients, visit PRAANNaturals.com or call our Customer Care department at (800) 340-0080 or (203) 702-2500.

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