

## 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:** CO2 Supercritical Extraction

**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.

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.





## Ethically Sourced Ingredients

### 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 6 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](http://PRAANNaturals.com) or call our Customer Care department at (800) 340-0080 or (203) 702-2500.**

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