

## Beeswax

Beeswax, also known as White Wax, is secreted by the glands of the honeybee (*Apis Mellifera*) and is used as a building material for honeycombs. Because of the highly complex composition of beeswax and its soft, pliable nature, beeswax remains an indispensable raw material for many finished products even after centuries of commercial use. The large number of agricultural countries exporting beeswax ensures that beeswax is never in short supply. Quality is strictly controlled in our modern production facilities as well as in our well-equipped laboratory. We guarantee consistent quality and availability by careful blending of selected waxes for each customer's application.

### Applications:

Creams, Lotions, Lipsticks, Cold Creams, Depilatories, Ointments, Salves, Pharmaceutical Excipients, Food Additive, Food Inks and Coatings, Non-food Inks and Coatings, Emulsions, Color Cosmetics, Hair Care; Furniture, Wood, and Leather Polishes; Textile, Wood, and Paper Finishes; Lubricants, Candles, Moldings, and numerous industrial applications.

### Advantages:

Beeswax has been used for thousands of years for its unique chemistry which has the ability to produce creamy textures in a variety of cosmetic applications. In emulsions the free fatty acids can be used to make in-situ emulsifiers, improving emulsion stability and texture.

### Regulatory Information:

INCI Name: Beeswax

CAS#: 8006-40-4 White Beeswax, 8012-89-3 Yellow Beeswax

| Wax# | Wax Name                | Melting Point | Acid Value | Ester Value | Ratio     | Cloud Point | Fatty Acids | Color                         |
|------|-------------------------|---------------|------------|-------------|-----------|-------------|-------------|-------------------------------|
| 100  | White Beeswax           | 62 - 65°C     | 17 - 24    | 72 - 79     | 3.3 - 4.2 | <65°C       | Negative    | White to Off-White            |
| 101  | Yellow Beeswax          | 62 - 65°C     | 17 - 24    | 72 - 79     | 3.3 - 4.2 | <65°C       | Negative    | Light Yellow to Yellow        |
| 160  | Filtered Yellow Beeswax | 62 - 65°C     | 17 - 24    | 72 - 79     | 3.3 - 4.2 | <65°C       | Negative    | Yellow to Brown               |
| 222  | White Beeswax           | 62 - 65°C     | 17 - 24    | 72 - 79     | 3.3 - 4.2 | <65°C       | Negative    | White                         |
| 262  | NF White Beeswax        | 62 - 65°C     | 17 - 24    | 72 - 79     | 3.3 - 4.2 | <65°C       | Negative    | White to Off-White            |
| 300  | White Beeswax           | 62 - 65°C     | 17 - 24    | 72 - 79     | 3.3 - 4.2 | <65°C       | Negative    | White to Off-White            |
| 301  | NF Light Yellow Beeswax | 62 - 65°C     | 17 - 24    | 72 - 79     | 3.3 - 4.2 | <65°C       | Negative    | Light Yellow                  |
| 315  | Yellow Beeswax          | 62 - 65°C     | 17 - 24    | 72 - 79     | 3.3 - 4.2 | <65°C       | Negative    | Yellow                        |
| 329  | Bleached White Beeswax  | 62 - 65°C     | 17 - 24    | 72 - 79     | 3.3 - 4.2 | —           | Negative    | White                         |
| 421  | NF White Beeswax        | 62 - 65°C     | 17 - 24    | 72 - 79     | 3.3 - 4.2 | <65°C       | Negative    | White to Off-White            |
| 423  | NF Yellow Beeswax       | 62 - 65°C     | 17 - 24    | 72 - 79     | 3.3 - 4.2 | <65°C       | Negative    | Light Yellow to Yellow        |
| 441  | Natural Yellow Beeswax  | 62 - 65°C     | 17 - 24    | 72 - 79     | 3.3 - 4.2 | <65°C       | Negative    | Light Yellow to Yellow Orange |

Specific waxes that are most appropriate for this category have been highlighted here