

CIRASHINE BW

INCI Name:

Beeswax

CAS Number:

Yellow: 8006-40-4

White: 8012-89-3

EINECS Number:

232-383-7

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CIRASHINE is a registered trademark of Petroferm Inc.

Product Description

Beeswax is obtained by secretion from the honeybee and is found in their honeycombs. It takes about eight pounds of honey to yield one pound of the crude wax. This wax is melted in hot water, filtered and then cast in slabs or pastilles. The filtered wax is yellow in color; bleaching through natural means changes the color to white. Both the yellow and white CIRASHINE BW meet the specifications of USP XXII, NF 18, page 2318.

Chemical Properties

| | |
|----------------------------------|----------|
| Melt Point, °C | 62 - 65 |
| Saponification Value, mg KOH / g | 89 - 103 |
| Acid Value, mg KOH / g | 17 - 24 |
| Ester Value, mg KOH / g | 72 - 79 |
| Cloud Point, °C | 65 Max. |

Chemical Composition

| | |
|------------------------|---------------|
| Myricyl Palmitate | 23 % |
| Myricyl Cerotate | 12 % |
| Myricyl Hypogaete | 12 % |
| Ceryl Hydroxypalmitate | 8 - 9 % |
| Free Cerotic Acid | 4 % |
| Other Free Acids | 8 % |
| Hydrocarbons | 10.5 - 13.5 % |

Applications

CIRASINE BW may be used in personal care, pharmaceutical, food, and industrial applications. There are various grades and forms to suit each application. CIRASHINE BW is compatible with most natural and synthetic waxes, oils and resins.

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