

ProductData



Wax - Beeswax Saponified Beeswax (328G)



Koster Keunen, LLC

Waxes of Superior Quality Since 1852

Authorized Distributor:

Description:

Saponified Beeswax is a fully saponified potassium soap of beeswax. The starting point of this product is the pure natural beeswax that is secreted by the abdomen gland of the honeybee (*Apis Mellifera*). Beeswax

is a complex mixture of esters, hydroxy esters, fatty acids and hydrocarbons, that when saponified produce a soap stock raw material with unique chemical functionality.

Note: Specific product application recommendations are available on request.

TYPICAL PROPERTIES:

Chemical Properties:

Softening Point	> 60°C
Saponification Value	Nil
Acid Value	Nil
Ester Value	Nil

Composition:

Unsaponifiables	45 - 65%
Soap of Fatty Acids	35 - 45%
Soap of Hydroxy Fatty Acids	5 - 15%

Function:

The compounds in the saponified beeswax produce unique properties when formulated into topical products. The potassium soaps of beeswax and its unsaponifiable fraction are less aggressive and more mild on the skin, due to the compounds having a higher molecular weight than the typical raw materials used in soap making. These high molecular weight compounds in Saponified Beeswax do not disrupt the natural skin lipid barrier. Saponified Beeswax has an unsaponifiable composition that consists of hydrocarbons and high molecular weight fatty alcohols (C-24 to C-34). Unsaponifiable compounds are excellent emollients for the skin, create a natural barrier and will help reduce moisture uptake of the finished soap product.

Compatibility:

Fatty Acids, Glycerides, Oils and Soap Stocks.

Usage Levels:

2 to 10%

Information presented herein is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty by Brenntag Specialties, Inc. (BSI). For more information and assistance, contact Technical Services at 1-800-732-0562.

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