

**TECHNICAL DATA SHEET***Date, 09/2015*

NAME PRODUCT: [WHITE BEESWAX](#)  
REFERENCE: [B 106 BL](#)  
INCI NAME: Cera alba  
CTFA NAME: Beeswax  
CAS NUMBER: 8012-89-3  
EINECS NUMBER: 232-383-7

**CHARACTERISTICS**

ANALYSIS	UNITS	SPECIFICATIONS	METHODS
Physical form		Pellets	Visual
Dropping point:	(°C)	61 - 66	European Pharmacopeia
Acid value:	(mgKOH/g)	17 - 24	European Pharmacopeia
Saponification value	(mgKOH/g)	87 - 104	European Pharmacopeia
Ester value	(mgKOH/g)	70 - 80	European Pharmacopeia
Ester acid ratio		3,3 - 4,3	European Pharmacopeia

**PRESENTATION**

Packaging Pellets in bags 25 kg net  
Shelf life: 24 months minimum

## WHITE BEESWAX ( Réf: B 106 BL )



## BEESWAX

**WHITE BEESWAX** is a renewable natural wax secreted by the glands of the honeybee (*Apis Mellifera*) and used as a building material for honeycombs.

Natural Beeswax color varies from pale yellow to brownish, **WHITE BEESWAX** has been processed through a non-chemical bleaching process to achieve a light, white color.

BEESWAX major compounds are saturated and unsaturated monoesters, diesters, saturated and unsaturated hydrocarbons, free acids and hydroxy polyesters.

BEESWAX is a unique material characterized by high plasticity properties at a relatively low temperature and excellent compatibility with other oils and waxes that can be translated as a “chemical attraction”.

BEESWAX is wellknown for its non allergic properties.

### PROPERTIES

**WHITE BEESWAX** is an excellent consistency agent that nourishes, moisturizes and softens the skin. Due to its high compatibility, it is very easy to use in all type of formulations.

In emulsions, **WHITE BEESWAX** facilitates the formation of stable emulsions; it functions as a consistency regulator and as a (co-) emulsifier. In addition it increases the water holding capacity by creating a protective barrier on the surface of the skin. Therefore, **WHITE BEESWAX** helps to moisturize the skin and restore skin's suppleness.

Due to its visco-elastic structure, **WHITE BEESWAX** is also a preferred ingredient for decorative formulations, it improves structure, oil retention, firmness, adhesion, pay-off and mould release. It also contributes to increase substantivity and shine in lipstick and lipbalm formulations.