



REV.6

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.