

TECHNICAL DATA SHEET

- APIFIL CG -

DEFINITION

PEG-8 beeswax.

ORIGIN OF THE RAW MATERIALS

The product is manufactured from raw material of synthetic origin and with waxes from the honeycomb of the bee (*Apis mellifera* Linné).

DESCRIPTION

- INCI (PCPC): PEG-8 Beeswax
- CAS: 8012-89-3
- EINECS: 232-383-7

REGULATORY INFORMATION

For information on the regulatory status of this product, please consult the regulatory data sheet (RDS).

FIELD OF USE

This product is a cosmetic ingredient. It is recommended for use in cosmetic formulations (excluding oral hygiene products).

This ingredient must be used according to appropriate regulations. Gattefossé accepts no responsibility for the use of this product in applications other than those recommended.

USES

- Non ionic O/W emulsifier
- Designed for emulsions with the substantiated moisturizing properties in skincare, suncare and haircare
- Use level: from 5 to 12 %
- Designed for O/W mascaras and foundations in make up applications
- Can also be used as an additive for lipsticks and pencils for its moisturizing and film forming properties
- Recommended for use in association with Emulcire 61 WL 2659 CG for the formulation of lotions and creams

STORAGE RECOMMENDATIONS

Store the product in its original packaging sealed tightly, protected from light and moisture.

Special temperature storage conditions are not required.

During storage at high temperature (> 35°C), there is a risk of pellets agglomeration.

Product should be re-analyzed after a 3-year storage period under recommended storage conditions.

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STORAGE RECOMMENDATIONS

HANDLING ADVICE

Presentation: semi-solid in pellets.

For additional information, please consult the product handling sheet.

PACKAGING

PE bag in cardboard box 25 kg (CCC).

Sample available upon request.

SAFETY OF USE

For information on the toxicology and safety of this product, please consult the product toxicological file and material safety data sheet (MSDS).

SOLUBILITIES AT 20°C(Eur. Ph.)

- Ethanol 96°: Insoluble
- Chloroform, Methylene chloride: Soluble at 60°C
- Water: Insoluble
- Vegetable oils: Insoluble
- Mineral oils: Insoluble

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Test	Specification
APPEARANCE	Waxy solid
ODOUR	Faint
COLOUR (Gardner Scale)	<= 8.0
DROP POINT (METTLER)	59.0 to 70.0 °C
ACID VALUE	<= 5.00 mgKOH/g
SAPONIFICATION VALUE	70 to 90 mgKOH/g
IODINE VALUE	<= 10.0 gI ₂ /100g
PEROXIDE VALUE	<= 6.0 meqO ₂ /kg
ALKALINE IMPURITIES	<= 80 ppm NaOH
WATER CONTENT	<= 1.0 %
SULPHATED ASHES CONTENT	<= 0.2 %
HEAVY METALS CONTENT (Pb)	< 10 ppm

The information contained in this data sheet is based on our knowledge of the related product on the date indicated, but does not amount to a guarantee in respect of the product's properties and does not give rise to any contractual legal tie. This information is given in utmost good faith. It cannot substitute for indispensable preliminary tests that must be conducted to ensure product suitability for each intended use. Nothing herein shall be construed as a recommendation or license to use any information that conflicts with any patent or trademark of our company or others. We make no representations or warranties, express or implied that any use of this information will not infringe any such patent or trademark. The user's attention is also drawn to the possible risks incurred if a product is used for a purpose other than its designed purpose. This data sheet does not under any circumstance replace knowledge and application by the user of all laws and regulations relevant to his own operations. The user shall be solely liable for the precautions taken relevant to the use made of the products. This information does not exempt the user from ensuring that he may possibly come under other obligations pursuant to laws or regulations other than those indicated relating to the possession and manipulation of the product for which he shall be solely liable.