

## **TECHNICAL DATA SHEET**

### **- EMULIUM MELLIFERA MB -**

#### **DEFINITION**

Non-ionic, natural O/W emulsifier, based on esters of jojoba wax, beeswax and polyglycerol.  
Supply Chain Certificate (SCC) number: BVC-RSPO-1-1106949778.

#### **ORIGIN OF THE RAW MATERIALS**

The product is manufactured from raw materials of vegetable origin and with waxes from the honeycomb of the bee (*Apis Mellifera* Linné).

#### **DESCRIPTION**

- INCI: Polyglyceryl-6 Distearate (and) Jojoba Esters (and) Polyglyceryl-3 Beeswax (and) Cetyl Alcohol
- CAS: 61725-93-7 / 61789-91-1 / 68953-55-9 (or 8012-89-3) / 36653-82-4
- EINECS: Not applicable / None / Not applicable (or 232-383-7) / 253-149-0

#### **REGULATORY INFORMATION**

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

#### **NATURAL / ORGANIC LABEL**

- This product has been validated by ECOCERT® GREENLIFE according to COSMOS standard of Organic and Natural cosmetics. It can be used in cosmetic products certified according to the standard. We would like draw your attention to the fact that this product is not Organically certified.
- This product has been validated by ECOCERT® GREENLIFE according to the ECOCERT Natural and Organic Cosmetics Standards. It can be used in cosmetic products, certified according to this standard. We would like to draw your attention to the fact that this product is not Organically certified.
- Gattefossé RSPO certification number: BVC-RSPO-1-1106949778.
- Product certified RSPO Mass Balance. More information on [www.RSPO.info](http://www.RSPO.info).

#### **FIELD OF USE**

This product is a cosmetic ingredient. It is recommended for use in cosmetic formulations.

#### **USES**

Emulium Mellifera MB is a natural, PEG-free emulsifier, that is used in cosmetic formulations between 2 and 4%.  
Highly flexible, it allows the creation of emulsions with a wide variety of viscosities.

#### **STORAGE RECOMMENDATIONS**

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#### **STORAGE RECOMMENDATIONS**

Store the product in its original packaging sealed tightly, protected from light and moisture.  
Store at a temperature inferior or equal to 30 °C.  
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.

#### **HANDLING ADVICE**

Presentation: semi-solid in pellets.

#### **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).

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<b>Test</b>	<b>Specification</b>
<b>APPEARANCE</b>	Waxy solid
<b>ODOUR</b>	Faint
<b>COLOUR</b>	Beige
<b>DROP POINT (METTLER)</b>	48.0 to 54.0 °C
<b>ACID VALUE</b>	8.0 to 12.0 mgKOH/g
<b>SAPONIFICATION VALUE</b>	110 to 130 mgKOH/g
<b>PEROXIDE VALUE</b>	<= 6.0 meqO <sub>2</sub> /kg
<b>HYDROXYL VALUE</b>	200 to 250 mgKOH/g
<b>WATER CONTENT</b>	<= 0.50 %
<b>pH (5% water solution)</b>	6.5 to 8.5
<b>TOTAL ASHES CONTENT</b>	<= 0.50 %

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.