

TECHNICAL DATA SHEET

- GELEOL MB -

DEFINITION

Glyceryl Palmitostearate.
Supply Chain Certificate (SCC) number: BVC-RSPO-1-1106949778.

ORIGIN OF THE RAW MATERIALS

The product is manufactured from raw materials of strictly vegetable origin.

DESCRIPTION

- INCI (CTFA): Glyceryl Stearate
- CAS: 85251-77-0 (or 31566-31-1) (or 123-94-4)
- EINECS: 286-490-9 (or 250-705-4) (or 204-664-4)

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 approved by ECOCERT® GREENLIFE according to COSMOS standard. It can be used in cosmetic products certified according to this standard. We would like draw your attention to the fact that this product is not organic certified.
- Product certified RSPO Mass Balance. More information on www.RSPO.org.
- Gattefossé RSPO certification number: BVC-RSPO-1-1106949778.

FIELD OF USE

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

Dermal drug delivery: consistency agent (thickener).

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.

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STORAGE RECOMMENDATIONS

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

TRANSPORT RECOMMENDATIONS

Special temperature transport conditions are not required.

HANDLING ADVICE

Presentation: semi-solid in pellets.

For additional information, please consult the product handling sheet.

PACKAGING

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°: Soluble at 60°C
- Chloroform, Methylene chloride: Easily soluble
- n-Hexane: Insoluble
- Water: Insoluble
- Mineral oils: Insoluble

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Test	Specification
APPEARANCE	Waxy solid
ODOUR	Faint
COLOUR (Gardner Scale)	<= 3.0
DROP POINT (METTLER)	56.0 to 62.0 °C
ACID VALUE	<= 3.00 mgKOH/g
SAPONIFICATION VALUE	158 to 177 mgKOH/g
IODINE VALUE	<= 3.0 gI2/100g
WATER CONTENT	<= 1.00 %
TOTAL ASHES CONTENT	<= 0.10 %
HEAVY METALS CONTENT (Pb)	< 10 ppm
ARSENIC CONTENT	< 1 ppm
FREE GLYCEROL CONTENT	<= 6.0 %
TOTAL MONOGLYCERIDES CONTENT	40.0 to 55.0 %
TOTAL DIESTERS CONTENT	30.0 to 45.0 %
TOTAL TRIESTERS CONTENT	5.0 to 15.0 %
PALMITIC ACID (C16)	40.0 to 60.0 %
STEARIC ACID (C18)	40.0 to 60.0 %
SUM OF PALMITIC AND STEARIC ACIDS	>= 90.0 %
NICKEL CONTENT	< 1ppm

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.