

TECHNICAL DATA SHEET

- EMULIUM DELTA MB -

DEFINITION

Emulsifier, mixture of: Cetyl Alcohol, Glyceryl Stearate, PEG-75 Stearate and Ethoxylated fatty alcohols (Ceteth-20, Steareth-20).
Supply Chain Certificate (SCC) number: BVC-RSPO-1-1106949778.

ORIGIN OF THE RAW MATERIALS

The product is manufactured from raw materials of vegetable and synthetic origins.

MANUFACTURING SITE(S)

This product may be manufactured at several sites.
Quality control and batch release are the responsibility of Gattefossé SAS.
The manufacturing site(s) is (are) indicated in the certificate of analysis.

DESCRIPTION

- INCI (PCPC): Cetyl Alcohol (and) Glyceryl Stearate (and) PEG-75 Stearate (and) Ceteth-20 (and) Steareth-20
- CAS: 36653-82-4 / 91052-47-0 (or 85251-77-0) (or 31566-31-1) / 9004-99-3 / 9004-95-9 / 9005-00-9
- EINECS: 253-149-0 / 293-208-8 (or 286-490-9) (or 250-705-4) / Not applicable / Not applicable / Not applicable

REGULATORY INFORMATION

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

NATURAL / ORGANIC LABEL

- 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 (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

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USES

Can easily emulsify most of the active ingredients used in cosmetic.
Can be formulated without a gelifying agent, from acidic to basic pH.
Non ionic O/W emulsifier. Recommended use level: 3 to 6 %.
Makes it possible to formulate onctuous creams, with a very soft afterfeel.

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.

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).

SOLUBILITIES AT 20°C(Eur. Ph.)

- Ethanol 96°: Partially soluble
- Chloroform, Methylene chloride: Partially soluble
- Water: Dispersible
- Mineral oils: Soluble
- Vegetable oils: Soluble

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Test	Specification
APPEARANCE	Waxy solid
ODOUR	Faint
COLOUR (Gardner Scale)	<= 2.0
DROP POINT (METTLER)	49.0 to 52.0 °C
pH (at 5% in water)	4.0 to 6.5
ACID VALUE	<= 3.0 mgKOH/g
SAPONIFICATION VALUE	50 to 70 mgKOH/g
IODINE VALUE	<= 3.0 gI ₂ /100g
WATER CONTENT	<= 1.00 %
TOTAL ASHES CONTENT	<= 0.50 %
HEAVY METALS CONTENT (Pb)	< 10 ppm
1,4-DIOXANE CONTENT	<= 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.