

TECHNICAL DATA SHEET

- EMULIUM 22 MB -

DEFINITION

Emulsifier, Tribehenin PEG-20 Esters.
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.

DESCRIPTION

- INCI (PCPC): Tribehenin PEG-20 Esters
- CAS: 68552-95-4 (or 165658-60-6) (or 116810-39-0)
- EINECS: Not applicable (or Not applicable) (or 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

From 2 to 6 %, Emulium 22 MB allows the formulation of O/W lotions and creams.

Direct emulsification process (70°C) then moderate cooling.

We recommend to formulate Emulium 22 with a Carbomer type gelling agent in order to completely stabilize pH of emulsions over the time.

Emulsions are thin, thixotropic, bright, with a creamy aspect and easy to pick up.

Emulium 22 MB can be used for numerous cosmetic applications:

- Skin care: face creams, body lotions,...
- Sun products: sunscreen creams, self-tanning creams, after-sun preparations,...
- Hair care: detangling creams, hair bleaches, treatment mask,...

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USES

- Makeup: foundations, multi-purpose makeup,...

STORAGE RECOMMENDATIONS

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

Store at a temperature inferior or equal to 25 °C.

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°: Not very soluble (Easily soluble at 50°C)
- Dichloromethane: Not very soluble (Very soluble at 50°C)
- Water: Practically insoluble
- Mineral oil: Practically insoluble (Very soluble at 50°C)
- Vegetable oils: Practically insoluble (Very soluble at 50°C)

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Test	Specification
APPEARANCE	Waxy solid
COLOUR	White to slightly yellow
ODOUR	Faint
DROP POINT (METTLER)	57.0 to 65.0 °C
ACID VALUE	24.00 to 34.00 mgKOH/g
SAPONIFICATION VALUE	102 to 120 mgKOH/g
WATER CONTENT	<= 0.50 %
TOTAL ASHES CONTENT	<= 0.50 %

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