

TECHNICAL DATA SHEET

- EMULIUM ILLUSTR0 -

DEFINITION

Water / oil emulsifier, mixture of Polyglyceryl-6 Polyhydroxystearate and Polyglyceryl-6 Polyricinoleate.

ORIGIN OF THE RAW MATERIALS

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

DESCRIPTION

- INCI (PCPC): Polyglyceryl-6 Polyhydroxystearate (and) Polyglyceryl-6 Polyricinoleate
- CAS: 144470-58-6 (and) 68936-89-0
- EINECS : 604-416-9 (and) 614-820-7

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.

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

Emulium ® Illustro is a water in oil emulsifier of natural origin that is used in formulations between 3 and 5%.
Flexible, highly compatible with organic and mineral filters as well as pigments, it is particularly adapted to sun protection and make-up products.

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STORAGE RECOMMENDATIONS

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Product should be re-analyzed after a 2-year storage period under recommended storage conditions.
A partial crystallization of the product may occur during extended storage at low temperature (< 15°C) with no effect on the properties of the product.
It disappears after storage at ambient temperature.
Container packaged under nitrogen.
Homogenize before use.
Store at a temperature inferior or equal to 30 °C.
Store the product in its original packaging sealed tightly, protected from light and moisture.

HANDLING ADVICE

Presentation: liquid.
Stir well to ensure homogeneity before use.
A partial crystallization of the product may occur during extended storage at low temperature (< 15°C) with no effect on the properties of the product.
It disappears after storage at ambient temperature.
Container packaged under nitrogen. Flush with nitrogen after each opening of the container or use it rapidly.
For additional information, please consult the product handling sheet.

PACKAGING

Steel drum 25 kg (BFC).
Sample available upon request.

INFO ON THE COMPOSITION

Antioxidants: Tocopherol 200 ppm*, Ascorbyl palmitate 100 ppm*
* Max added value. For additional information, please contact us.

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.)

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SOLUBILITIES AT 20°C (Eur. Ph.)

- Water : practically insoluble
- Ethanol : easily soluble
- Oils : soluble

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Test	Specification
APPEARANCE (ambient T°)	Viscous liquid yellow to brown
ODOUR	Medium intensity
ACID VALUE	<= 3.0 mgKOH/g
WATER CONTENT	<= 1.00 %
PEROXYDE VALUE	<= 2.0 meqO2/kg
ALKALINE IMPURITIES	<= 300 ppm NaOH

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.