

TECHNICAL DATA SHEET

- GATULINE SKIN-REPAIR AF -

DEFINITION

Hydroglycolic extract (Propanediol / Water) from the aerial parts of Onopordon (Onopordum acanthium).
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 (PCPC): Propanediol (and) Water (and) Onopordum Acanthium Flower/Leaf/Stem Extract*
* from organic farming.
- EINECS: 207-997-3 (or None) / 231-791-2 / 290-108-6
CAS: 504-63-2(or 26264-14-2)/7732-18-5/90082-20-5

REGULATORY INFORMATION

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

NATURAL / ORGANIC LABEL

- 6% of the total ingredients are from organic farming.
- Ingredient certified by ECOCERT® GREENLIFE according to COSMOS standard.
- 100% of natural ingredients on the total of ingredients.
- Product certified RSPO Mass Balance. More information on www.RSPO.org.
- Gattefossé RSPO certification number: BVC-RSPO-1-1106949778.
- This product is a NATRUE approved raw material. It has been approved according to the criteria within the NATRUE standard. It can be used in cosmetic products certified natural or organic according to this standard. We would like to draw your attention to the fact that this product is not NATRUE organic certified.

FIELD OF USE

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.

This product is a cosmetic ingredient. It is recommended for use in cosmetic formulations (excluding oral hygiene products).

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USES

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GATULINE® SKIN-REPAIR AF is a restructuring anti-aging active of natural origin with organic certification. GATULINE® SKIN-REPAIR AF directly stimulates epidermal regeneration and promotes cutaneous repair. Acting on keratinocyte differentiation GATULINE® SKIN-REPAIR AF stimulates the optimal epidermal reconstruction of dry or damaged skin.

Moreover, GATULINE® SKIN-R

PAIR AF helps skin to efficiently combat inflammation. By increasing the production of specialized pro-resolving mediators, it restores the responsiveness of damaged or stressed skins and accelerates the return to cutaneous homeostasis.

Recommended use level: 2%.

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.

Container packaged under nitrogen.

An opalescence/cloudy aspect/precipitate may occur during storage with no effect on the properties of the product. It disappears after shaking.

Product should be re-analyzed after a 1.5-year storage period under recommended storage conditions.

HANDLING ADVICE

Presentation: liquid.

A small deposit is possible. Shake before use.

Container packaged under nitrogen. Flush with nitrogen after each opening of the container or use it rapidly.

PACKAGING

Plastic can 5 kg.

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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SOLUBILITIES AT 20°C(Eur. Ph.)

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- Water: very soluble
- Mineral oils: practically insoluble
- Vegetable oils: practically insoluble

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Test	Specification
APPEARANCE	Yellow limpid liquid
ODOUR	Faint
REFRACTIVE INDEX AT 20°C	1.390 to 1.430
DENSITE A 20°C (D20/4)	1.035 to 1.065
pH (Pure product)	5.0 to 7.0
DRY EXTRACT	0.7 to 1.5 g/100g
MONO AND DIOSIDES CONTENT	0.7 to 3.5 g/kg
SESQUITERPENIC LACTONES (costunolid)	50 to 550 mg/kg
TOTAL AEROBIC GERMS (UFC/g)	< 100 UFC/g
PATHOGENIC GERMS	None

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.