

## **TECHNICAL DATA SHEET**

### **- GATULINE EXPRESSION AF -**

#### **DEFINITION**

Hydroglycolic (Propanediol/Water) extract of Acemella oleracea aerial part.

#### **ORIGIN OF THE RAW MATERIALS**

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

#### **DESCRIPTION**

- INCI (PCPC): Propanediol (and) Water (and) Acemella Oleracea Extract
- CAS: 504-63-2 (or 26264-14-2) / 7732-18-5 / 90131-24-1
- EINECS: 207-997-3 (or None) / 231-791-2 / 290-335-0

#### **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.
  - This product has been validated by ECOCERT® GREENLIFE according to the ECOCERT Natural and Organic Cosmetics Standards. It can be used in cosmetic products, certified according to this standard. We would like to draw your attention to the fact that this product is not Organically certified.
- For additional information, please consult the product regulatory data sheet (RDS).

#### **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**

Gatuline Expression AF is an anti-aging active that brings immediate smoothing effect of expression lines. Its efficacy has been demonstrated on the eye and lip areas. We recommend to use Gatuline Expression AF from 2 to 5% in facial care formulations.

#### **STORAGE RECOMMENDATIONS**

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

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#### **STORAGE RECOMMENDATIONS**

Special temperature storage conditions are not required.

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

#### **HANDLING ADVICE**

Presentation: liquid.

#### **PACKAGING**

Plastic can 5 kg (BPE).

Sample available upon request.

#### **INFO ON THE COMPOSITION**

- This product does not contain preservative.

#### **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.)**

- Water: Very soluble
- Ethanol: Very soluble
- Kernel oil: Practically insoluble

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<b>Test</b>	<b>Specification</b>
<b>APPEARANCE</b>	Yellow to amber limpid liquid
<b>ODOUR</b>	Faint intensity
<b>SPECIFIC GRAVITY AT 20°C (D20/4)</b>	1.045 to 1.065
<b>REFRACTIVE INDEX AT 20°C</b>	1.390 to 1.420
<b>pH (Pure product)</b>	5.0 to 7.0
<b>DRY EXTRACT</b>	0.50 to 2.00 g/100g
<b>SPILANTHOL CONTENT</b>	50 to 400 mg/kg
<b>TOTAL AEROBIC GERMS</b>	< 100 germs/g
<b>PATHOGENIC GERMS</b>	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.