

TECHNICAL DATA SHEET

- GATULINE RC BIO -

DEFINITION

Aqueous extract of Beech tree bud.

ORIGIN OF THE RAW MATERIALS

The product is manufactured from raw materials of strictly vegetable origin (except incidental ingredients).

DESCRIPTION

- INCI (PCPC): Water (and) Fagus Sylvatica Bud Extract*
- *produced from organic farming
- CAS: 7732-18-5 / 85251-65-6
- EINECS: 231-791-2 / 286-477-8

REGULATORY INFORMATION

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

NATURAL / ORGANIC LABEL

- Ingredient certified 17.3% organic by ECOCERT® GREENLIFE according to COSMOS standard available on <http://cosmos.ecocert.com>.
- Contains 17.3% of physically processed agro-ingredients.
- 100% of physically processed agro-ingredients are organic.
- Ingredient certified by ECOCERT® GREENLIFE according to the Natural and Organic Cosmetics Standards available on <http://cosmetiques.ecocert.com>.
- 25% of organic certified ingredients on the total of ingredients.
- 96.8% of natural ingredients on the total of ingredients.

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).

USES

- Skin care products: emulsions, microemulsions, serums, gels, shampoos, toilettries, ...
- Anti-age and anti-wrinkle skin care lines,
- Body care.

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USES

This liquid product must be added at room temperature, at the end of the manufacturing process.
Use level: 2 % to 5 %, even up to 15 % for specific applications.

STORAGE RECOMMENDATIONS

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

Store at a temperature of 10 °C (+/- 5).

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 3-year storage period under recommended storage conditions.

HANDLING ADVICE

Presentation: liquid.

A small deposit is possible. Shake before use.

PACKAGING

Plastic can 5 kg (BPE).

Sample available upon request.

INFO ON THE COMPOSITION

- Hydrosoluble peptidic compounds
- Flavonoids
- Polyphenols
- Mineral salts (Ca, Mg, K, Si...)
- Preservative: Benzoic acid 0.2 %.
- Preservative: Benzyl alcohol 3 %.

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: Soluble
- Mineral oils: Insoluble
- Vegetable oils: Insoluble

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SOLUBILITIES AT 20°C (Eur. Ph.)

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Test	Specification
APPEARANCE	Yellow to brown liquid
ODOUR	Specific
SPECIFIC GRAVITY AT 20°C (D20/4)	0.985 to 1.015
pH (Pure product)	3.5 to 5.5
DRY MATTERS	>= 0.90 g/100g
TOTAL MINERAL MATTER	>= 0.08 g/100g
TOTAL NITROGEN CONTENT	>= 0.015 g/100g
TOTAL SUGARS CONTENT	>= 2.00 g/l
ARSENIC CONTENT	< 2 ppm
TOTAL AEROBIC GERMS	< 100/g
PATHOGENIC GERMS	Absence

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.