

TECHNICAL DATA SHEET

- GATULINE SPOT-LIGHT -

DEFINITION

Glycoethanolic (Butylene Glycol/Ethanol) extract of Sophora Flavescens root, added with a natural water of kiwi.

ORIGIN OF THE RAW MATERIALS

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

DESCRIPTION

- INCI (PCPC): Butylene Glycol (and) Actinidia Chinensis (Kiwi) Fruit Water (and) Alcohol (and) Sophora Flavescens Root Extract
- CAS: 107-88-0 / 92456-63-8 / 64-17-5 / 90131-19-4 (ou 164288-54-4)
- EINECS: 203-529-7 / 296-241-6 / 200-578-6 / 290-329-8 (or None)

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 the 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. This product is guaranteed to comply with NSF/ANSI 305 by Quality Assurance International (QAI).
 - 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.
- 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 (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

Gatuline Spot-Light is a 100% natural origin active ingredient. It prevents and corrects pigmentation irregularities induced by photo-aging.

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USES

The recommended use level is 3%.

STORAGE RECOMMENDATIONS

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

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

Container packaged under nitrogen.

This product contains alcohol. It must be stored in a specific location for flammable products.

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.

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 (BPE).

Sample available upon request.

INFO ON THE COMPOSITION

- Butylene Glycol content: about 50 %
- Alcohol content: about 10 %
- Antioxidant agent (max added value) : Ascorbic acid 0.3%

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.)

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SOLUBILITIES AT 20°C (Eur. Ph.)

- Water: Soluble
- Vegetable oils: Insoluble
- Mineral oils: Insoluble
- Alcohol: Soluble

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Test	Specification
APPEARANCE	Yellow to brown limpid liquid
ODOUR	Specific (roots odour)
SPECIFIC GRAVITY AT 20°C (D20/4)	1.000 to 1.030
pH (Pure product)	5.0 to 7.0
DRY EXTRACT	0.70 to 1.50 %
HEAVY METALS CONTENT (Pb)	< 10 ppm
FLAVANONES (exp in Sophoraflavanone G)	>= 35.0 mg/100g
TOTAL ALCALOIDS (exp in Matrine)	>= 15.0 mg/100g
TOTAL AEROBIC GERMS (UFG/g)	< 100/ml
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.