

TECHNICAL DATA SHEET

- SOLASTEMIS -

DEFINITION

NaDES extract (Fructose/Glycerin/Water) of Chayote fruit (Sechium edule).
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 (except incidental ingredients).

DESCRIPTION

- INCI (PCPC) : Fructose (and) Glycerin (and) Water (and) Sechium Edule Fruit Extract
- CAS : 57-48-7 (and) 56-81-5 (and) 7732-18-5 (and) 223748-59-2
- EINECS : 200-333-3 (and) 200-289-5 (and) 231-791-2 (and) 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 approved by ECOCERT® GREENLIFE according to COSMOS standard. It can be used in cosmetic products certified according to this standard. We would like draw your attention to the fact that this product is not organic certified.
- Product certified RSPO Mass Balance. More information on www.RSPO.org.
- Gattefossé RSPO certification number: BVC-RSPO-1-1106949778.

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

SOLASTEMIS effectively shields the skin from damages induced by solar exposure. More precisely, it protects epidermal stem cells from UVA induced DNA lesions. Doing so, it strongly contributes to durable skin health.

Photoaging associated symptoms are visibly corrected. Wrinkles and skin microrelief are visibly improved. The skin complexion appears brighter, more even and healthier.

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STORAGE RECOMMENDATIONS

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

Store at a temperature inferior or equal to 30 °C.

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

Product should be re-analyzed after a 2-year storage period under recommended storage conditions.

HANDLING ADVICE

Presentation: liquid.

A small deposit is possible. Shake before use.

PACKAGING

Plastic can 5 kg.

Sample available upon request.

INFO ON THE COMPOSITION

Preservatives (max added value): Citric acid 0,1% ; Sodium Benzoate 0,15%.

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
- Mineral oils : practically Insoluble
- Vegetable oils: practically Insoluble

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Test	Specification
APPEARANCE	Clear liquid
ODOUR	Characteristic, medium to high intensity
REFRACTIVE INDEX AT 20°C	1.445 to 1.475
SPECIFIC GRAVITY AT 20°C (D20/4)	1.305 to 1.335
COLOR	orange amber
pH (50% in water w/w)	4.0 to 6.0
MALIC ACID CONTENT	>= 0.1 g/kg
MINERAL CONTENT	>= 1.0 g/kg
TOTAL AEROBIC GERMS (CFU/g)	=< 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.