



GUINAMA. Laboratory distributor of raw materials for the pharmaceutical and cosmetics industries.

Type of document:

TECHNICAL DATA SHEET

Review date:

26.04.2024

Version:

13.0

93107-ALOE VERA GEL

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

1.1 Identification of the substance or preparation

Name: Aloe vera gel

Bulk code: 93107

Internal code: 54929

Valid from bulk batch: 0112601

1.2 Synonyms

No information available.

2. DESCRIPTION

Appearance: Liquid

Colour: Colourless or slightly yellowish

Odour: Characteristic

Origin: Manufactured in the United States

Plant origin: *Aloe Barbadensis Miller* (grown in Mexico)

3. COMPOSITION/INFORMATION ON COMPONENTS

INCI: *Aloe Barbadensis* Leaf Juice

Composition:

INCI	%	CAS	EINECS	Source	Function
<i>Aloe Barbadensis</i> Leaf Juice	99.73	94349-62-9	305-181-2	Plant (<i>Aloe Barbadensis Miller</i>)	Skin conditioning agent
Potassium Sorbate	0.10	24634-61-5	246-376-1	Synthetic	Preservative
Sodium Benzoate	0.05	532-32-1	208-534-8	Synthetic	Preservative
Citric Acid	0.12	77-92-9	201-069-1	Plant (Biotechnology)	pH adjustment

The anthraquinone, measured as aloin, in the product is < 0.1 ppm.

Method of production: The product is obtained after crushing, heating and filtering the pulp of *Aloe Barbadensis*. Preservatives are then added, the pH is adjusted with citric acid and the concentrate is filtered. Finally, reconstitution water and the rest of the preservatives are added before the final filtration and packaging.

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4. PHYSICO-CHEMICAL DATA

For more information, see the analysis report.

Solubility: The product is soluble in glycerine, propylene glycol, ethanol and water, and insoluble in oils.

5. PROPERTIES/USES

Cosmetic use.

Oral use.

Not suitable for the manufacture of dietary supplements or foods.

The product is compliant with European Cosmetics Regulation (EC) 1223/2009 and there is no restricted use or precautionary declarations for it.

The product can be used in:

- Skin and hair care products (sun and after sun products, hand and body care lotions and gels, cleansers, facial moisturisers, shampoos and conditioners, anti-cellulite products, shaving and hair removal formulations).
- Pet care products: Shampoos and cleansers.
- Pharmaceutical preparations: Anti-acne creams, analgesic/anti-inflammatory creams, first aid gels, creams and sprays, toothpaste/mouth rinse solutions, wipes.

6. DOSAGE

Up to 100%.

7. REMARKS

STORAGE:

Store at room temperature ($25\pm 2^{\circ}\text{C}$), in a cool, dry place, away from sunlight, in a tightly closed container.

As this is a derived product of natural origin, it may darken over time. Protect from oxidation.

The documentation available related to the product's regulatory compliance is included below.



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BSE/TSE:

The product is free of TSE/BSE. The product does not contain animal derivatives.

GMOs:

The product does not derive from or contain genetically modified organisms (GMOs). The products are not GMOs according to EU Directive (EC) 2001/18.

CMR substances:

None of the substances classified as carcinogenic, mutagenic or toxic for reproduction of Class 1A, 1B or 2 according to Part 3 of Annex VI to Regulation (EC) 1272/2008 (GHS) are intentionally added and thus they are not expected to be present in the final product.

SVHC:

All products comply with Regulation (EC) 1907/2006 (REACH) and are free of SVHCs (according to the current Candidate List of SVHCs).

NANOMATERIALS:

The product does not contain nanomaterial(s) as defined in Chapter 1, Article 2.1 (k) of Regulation (EC) 1223/2009 (Cosmetic Products Regulation).

VOCs:

The product is made from the inner leaf of *Aloe barbadensis*. No VOC compounds are used in the aloe fields, source material processing or in the final production of this product.

IRRADIATION:

The product has not undergone irradiation or been treated with ethylene oxide.

PESTICIDES:

The product is obtained from *Aloe Barbadensis Miller* plants grown without the use of pesticides. Random pesticide tests of raw gel have confirmed the absence of pesticides.

PRESERVATIVES:

The product does not contain parabens.

RESIDUAL SOLVENTS:

Solvents are not used in the manufacturing process and no solvents are produced as a result of the manufacturing process; therefore, the product contains no residual solvents.

IMPURITIES:

The product is free of:

- Dioxins
- Melamine



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- PCB (polychlorinated biphenyl)
- Nitrosamines (the product does not contain nitrosamines. No nitrites or nitrosating agents are used in the facilities where this product is manufactured. The water used to manufacture this product is prepared by reverse osmosis and deionisation and is thus free of nitrites/nitrates and is not recycled or reused in any way. Although natural amino acids are present in *Aloe Barbadensis* leaf juice, the absence of nitrites/nitrates in the water used to process these products drastically minimises the risk of nitrosamine formation.)
- Formaldehyde
- Glycol ethers
- Phthalates
- Aflatoxins: The number of aflatoxins (B1, B2, G1 and G2) are below the detection limit (< 1 ppb)
- Alkyl phenols

HEAVY METALS:

Tests conducted on the product show levels of mercury, lead and cadmium below 0.05 ppm and arsenic below 0.2 ppm.

The total content of the heavy metals arsenic (As), cadmium (Cd), lead (Pb), nickel (Ni) and mercury (Hg) is < 10 ppm.

CALIFORNIA PROPOSITION 65:

None of the products contain any contaminants or by-products known by the state of California to cause cancer or reproductive toxicity, as stated in Proposition 65 of the State's Safe Drinking Water and Toxic Enforcement Act.

This product is not classified as a Proposition 65 chemical. The OEHHA list identifies the chemical in question as "Aloe vera, non-decolorized whole leaf extract." The above-mentioned product is processed from an internal sheet of aloe vera which is decolourised by carbon filtration to remove aloin and is therefore not subject to the Proposition 65 list.

NAGOYA PROTOCOL:

Not applicable. Resource obtained before 12 October 2014.

ALLERGENS:

- **Food allergens:** The product does not contain any of the following allergens or their derivatives: milk, eggs, fish or shellfish, crustaceans, tree nuts, peanuts, wheat, soy, gluten or sulphites.
- **Cosmetic allergens:** The product does not contain any perfume/flavouring substances (26 allergens) listed in Annex III to EU Cosmetics Regulation (EC) 1223/2009 regarding allergens. The product does not contain any of the 61 substances proposed in the opinion on fragrance allergens in cosmetic products (SCCS/1459/11).



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VEGAN/VEGETARIAN:

The product and its ingredients are not of animal origin and no animal products, by-products or derivatives are used for manufacturing.

KOSHER:

The product is Kosher certified.

HALAL:

The product is Halal certified.

TESTED ON ANIMALS:

The product has not been tested on animals.

RSPO:

The product does not contain palm oil, palm kernel or its derivatives.

CITES:

The product is obtained from cultivated plants that do not grow wild; therefore, the product is not subject to the CITES agreement.

ISO 16128:

Ingredient	Percent (w/w)	Natural Index	Natural Origin Index	Organic Index	Organic Origin Index
<i>Aloe Barbadensis</i> Leaf Juice	99.73	1	1	1	1
Potassium Sorbate	0.10	0	0	0	0
Sodium Benzoate	0.05	0	0	0	0
Citric Acid	0.12	1	1	0	0

OTHER CERTIFICATIONS:

International Aloe Science Council (IASC)

FairTSA Certified Product

IFRA:

It is not expected to contain any of the ingredients listed in the Index of IFRA Standards – 50th Amendment.

GRAS:

The product is generally recognised as safe.



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REACH:

Ingredients (INCI)	CAS	REACH Status
<i>Aloe Barbadensis</i> Leaf Juice	94349-62-9	Exempt from registration Annex V
Potassium Sorbate	24634-61-5	Registration #01-2119950315-41-0000
Sodium Benzoate	532-32-1	Registration #01-2119460683-35-0000
Citric Acid	77-92-9	Registration #01-2119457026-42-0000

NMPA CODE:

102604-04140-2048

REGULATIONS/CHEMICAL INVENTORIES:

EC/GHS Classification:	
According to EC/GHS regulations, this product is not classified or labelled.	
CHEMICAL INVENTORIES	
US TSCA	This product's ingredients are exempt or in this inventory.
Canadian DSL	This product's ingredients are exempt or in this inventory.
Australia AICS	This product's ingredients are exempt or in this inventory.
Japan ENCS	This product's ingredients are exempt or in this inventory.
Korea ECL	This product's ingredients are exempt or in this inventory.
Philippines PICCS	This product's ingredients are exempt or in this inventory.
China IECSC	This product's ingredients are exempt or in this inventory.