



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

Type of document:

TECHNICAL DATA SHEET

Review date:

29.03.2023

Version:

3.0

91156-SODIUM ASCORBATE

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

1.1 Identification of the substance or preparation

Name: Sodium ascorbate

Bulk code: 91156

Internal code: 405029

1.2 Synonyms

No information available.

2. DESCRIPTION

Appearance: Crystal or crystalline powder

Colour: White to light yellow

Odour: Odourless

Origin: Plant

Geographical origin: China

3. COMPOSITION/INFORMATION ON COMPONENTS

Formula: $C_6H_7NaO_6$

CAS: 134-03-2

EC: 205-126-1

Molecular weight: 198.11 g/mol

Method of production: The product is obtained from ascorbic acid by a process that includes steps such as dissolution, filtration, crystallisation, drying, sieving and separation of iron, until the final product is obtained.

4. PHYSICO-CHEMICAL DATA

For more information, see the analysis report.

Solubility: Very soluble in water, slightly soluble in alcohol and insoluble in chloroform and ether.

Darkens when exposed to sunlight.



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5. PROPERTIES/USES

Excipient for pharmaceutical use.

Food use.

Cosmetic use.

The product is compliant with Regulation (EU) 231/2012.

6. DOSAGE

No information available.

7. REMARKS

STORAGE:

Store at room temperature in a cool, dry place in a hermetically sealed container away from sunlight and moisture.

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

BSE/TSE:

The product does not contain ingredients of ruminant origin or materials derived from or exposed to ruminants affected by or quarantined for transmissible spongiform encephalopathy (TSE)/bovine spongiform encephalopathy (BSE) and is compliant with Regulation (EU) 999/2001.

GMOs:

The product is not a GMO and does not contain any GMOs, and no GMOs are used in its production. Furthermore, GMOs are not required to be labelled on the product in accordance with Commission Regulations (EC) 49/2000 of 10 January and 1829/2003 and 1830/2003 of the European Parliament and of the Council.

This product has not been genetically modified and thus there is no requirement to label GMOs as defined by the above-mentioned regulations.

CMR:

The product is not expected to contain any of the substances categorised as CMR1A, CMR1B, CMR2 (described in Regulation (EC) 1223/2009).

SVHC:

The product does not contain any SVHC substances.



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NANOMATERIALS:

According to the definition of “nanomaterials” in Regulation (EU) 1169/2011 of the European Parliament and of the Council of 25 October 2011 on the provision of food information to consumers, we hereby certify that no nanomaterials are used in the formulation or packaging material of the product.

IRRADIATION:

The product has not been sterilised by ionising radiation at any point in the manufacturing process and therefore is compliant with the relevant regulations (Directive (EC) 1999/2).

PESTICIDES:

Based on the production process, the raw materials and equipment used, any pesticide residues in the product comply with European legislation on pesticide residues, particularly Regulation (EC) 149/2008 and Regulation (EU) 2015/868 of 26 May 2015 amending Annexes II, III and V to Regulation (EC) 396/2005.

RESIDUAL SOLVENTS:

The product is compliant with Directive (EU) 2010/59 of 26 August 2010 amending Directive (EC) 2009/32 of the European Parliament and of the Council on the approximation of the laws of the Member States on extraction solvents used in the manufacture of foodstuffs and food ingredients.

CONTAMINANTS:

Based on the production process, raw materials and equipment used, no contaminants such as dioxins, melamine, polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs) are expected in the product. (Regulation (EC) 2015/1933 amending Regulation (EC) 1881/2006.

HEAVY METALS:

The heavy metal content is less than 10 ppm, complying with the permitted limits.

- Lead (Pb) < 3 ppm
- Cadmium (Cd) < 1 ppm
- Mercury (Hg) < 0.1 ppm
- Arsenic (As) < 1.0 ppm

ALLERGENS:

- **Food allergens:** The product does not contain any of the allergens listed in Annex II to Regulation (EU) 1169/2011, nor is it susceptible to cross-contamination with them.
- **Cosmetic allergens:** The product does not contain any of the 26 allergens described in Council Directive (EEC) 76/768 and its seventh amendment 2003/15. The product does not contain any of the 26 cosmetic allergens listed in Annex III to Regulation (EC) 1223/2009.



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HALAL:

The product is Halal certified.

NUTRITIONAL COMPOSITION:

ENERGY/NUTRIENT	UNITS	TYPICAL VALUES PER 100 g OF PRODUCT
Energy (total calories) - Energy from fat	Kcal or kJ	0
Protein	g	0
Carbohydrates (total), of which: Sugars, polyols, starch	g	0
Fat (total), of which: Saturated, monounsaturated, polyunsaturated, trans fats, cholesterol	g/mg for cholesterol	0
Dietary fibre	g	0
Sodium	g	11.60
Potassium	g	0
Calcium	g	0
Ash	g	0
Moisture	g	0
Vitamin A	µg	0
Vitamin B	mg	0
Vitamin C	mg	88.4
Vitamin D	IU	0
Vitamin E	IU	0

VEGAN/VEGETARIAN:

The product is suitable for vegan/vegetarian use.

ANTI-DOPING (WADA):

According to the current World Anti-Doping Agency list, the ingredient is not a doping substance, nor a combination of doping substances. The ingredient does not contain any doping substances. The ingredient is not derived from a doping substance.

GRAS:

The product is generally recognised as safe when used according to good manufacturing practices.

TESTED ON ANIMALS:

The product has not been tested on animals.

REACH:

The product is not restricted according to Annex XVII to REACH, nor is it included in the REACH candidate list of substances, nor in Annex XIV to REACH.