

EMULSIFIER SUCROSE STEARATE

Product Master Reference No. 1816

INCI: Sucrose Stearate

SHORT DESCRIPTION

Cosmetic ingredient, raw material for manufacturing of personal care products.
Non-ionic emulsifier, fatty acids C16-18 (even numbered), mono and di esters with Sucrose.

COMPOSITION

INCI name	CAS No.	EC No.	Origin	Percentage %
Sucrose Stearate	25168-73-4	246-705-9	vegetal	100

PARAMETERS

Appearance at 20°C:	off-white powder
Odor:	faint characteristic
Solubility:	readily soluble at 60°C
pH:	6.0-8.0
HLB-value :	approx. 15
Melting point :	54 – 62°C
Acid value :	5 mg KOH/g
Heavy metals (as lead) :	10 mg/kg
Arsenic:	1 mg/kg
Lead:	2 mg/kg
Mercury:	1 mg/kg
Cadmium:	1 mg/kg

NATURAL / ORGANIC LABEL

This product complies with the COSMOS standard for Natural and Organic Cosmetics, in accordance with the latest version, but it is not certified. Cosmos approved at manufacturer.

MICROBIOLOGY

The product conforms to the following microbiological specification:

Total Plate Count: ≤ 100 cfu/g

Total Yeast & Mold Count: ≤ 10 cfu/g

Pathogens: absent/g (Enterobacteria, Pseudomonas, Enterococci, Candida albicans, Staphylococci)

ALLERGENS

Cosmetic and fragrance allergens listed in Regulation (EC) No. 1223/2009 Annex III, including the additions made by the introduction of EU Regulation 2023/1545: none of these substances have been intentionally added to the product; is not expected on product.

ANIMAL TESTING

We hereby declare that we are against Animal testing for cosmetic purpose and confirm that we have not conducted any animal tests with this product, nor that we have ordered such tests at third parties or third parties have conducted such tests with our knowledge and acceptance to fulfil the requirements of Cosmetic Regulation (EC) No 1223/2009.

BSE/TSE

The product does not contain or come into contact with, materials from animal origin that could potentially contain the animal diseases Bovine Spongiform Encephalopathy / Transmissible Spongiform Encephalopathies.

CMR SUBSTANCES

The product does not contain intentionally added materials classified as carcinogenic, mutagenic or reprotoxic, according to Regulation (EC) 1223/2009. Unavoidable trace levels may be present according to Regulation (EC) No. 1223/2009 of category 1A, 1B, or 2 according to Regulation (EC) No. 1272/2008.

GLUTEN STATUS

To the best of our knowledge, regarding the manufacturing process and information provided by our suppliers, this product is not expected to contain traces of gluten.

GMO STATUS

The product has not been produced using GMO as raw materials or GMO-derived processing aids during the production nor does it contain any residues from any other GMO-source according to Regulations (EC) No. 1829/2003 and 1830/2003.

HEAVY METALS

Heavy metal content if is not analyzed on this product and specified separately, according to the raw materials used and the production process, the eventual presence of total heavy metals in this product would be technically unavoidable and lower than ≤ 10 ppm (antimony, arsenic, lead, cadmium, mercury).

IRRADIATION

Based on information concerning the raw materials, production process, and equipment used radioactive material is not expected to be present.

ISO 16128

According to the guidelines on definitions for natural and organic cosmetic ingredients, we can state regarding the information provided by our suppliers or our manufacturing process, the following information for our product:

Natural origin content = 100%

Natural origin index = 1

MICROPLASTICS

Microplastics have not been intentionally added to this product, and we do not have knowledge of any microplastics being present in any step of the manufacturing process. The material is therefore in compliance with Commission Regulation (EU) 1907/2006, including the amendments introduced with Commission Regulation (EU) 2023/2055.

NANOMATERIALS

The product complies with EU Regulation No. 1223/2009 & Decree No 1012/2012. Nanoparticles are not used or generated during the manufacturing of this product.

PESTICIDES, IMPURITIES

Based on information concerning the raw materials, production process, and equipment used, pesticides are expected to conform with concentration limits of the European Pharmacopoeia, or conforms to EC Reg. 158/2025 and EC Reg. 839/2008 which amend EC Reg. 396/2005.

PHTHALATES

Based on information concerning the raw materials, production process, and equipment used phthalates listed in EU Regulation 1223/2009 Annex II are not likely to be present.

REGULATORY COMPLIANCE

The product complies with the European Cosmetic Directive (Regulation (EU) No. 1223/2009). It is not included in the list of substances prohibited in cosmetic products. Neither does it contain restricted preservatives, colorants or UV filters (Annex II - VI of EU Regulation 1223/2009).

RESIDUAL SOLVENTS

Based on our current knowledge of the production process, raw materials and equipment used, no solvent is used in the manufacturing process or, if used, is removed in a final step of the manufacturing process, otherwise, it is specified in the "Parameters" section, According to Directive 2009/32/EC.

SVHC

No ingredients are intentionally present appearing (at time of writing) on Annex XIV or on the Candidate List of Substances of Very High Concern for Authorisation in the framework of REACH (Regulation (EC) No 1907/2006). Considering the nature of this product and the manufacturing process, the presence of an impurity appearing on the aforementioned Annex XIV or Candidate List is not expected in a concentration of 0.1 % or greater.

VEGAN/VEGETARIAN STATEMENT

To the best of our knowledge, neither the product nor the constituents or components used in the manufacture of the product contain any material, which is derived from animal origin. From this, we conclude that the product is suitable for vegan cosmetics.

STORAGE, SHELF LIFE

Store in the air-tight sealed containers protected from direct sunlight, moisture and heat at ambient temperature. Brief deviation from the storage temperature e.g. during transport does not impair product quality. Shelf life min 24 months when stored under proper conditions.

This document and any information provided herein is for your guidance only. All information is given in good faith and is based on sources believed to be reliable and accurate at the date of publication of this document. Data as mentioned may have been copied from supplier's certificate and therefore are in complete accordance with those data received from the supplier. This document shall be valid until superseded by a later version. Information on this document reflects knowledge and situation at time of writing, is not subject to document version control. Information or legislation may therefore become outdated in time. No suitability for any given formulation or geographical region is implied. Legislative listings do not necessarily imply approval or compliance to certain specifications. 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. Elemental makes no warranty of any kind, either express or implied, by fact or law, including warranties of merchantability or fitness for a particular purpose.

This is a computer generated document. It is valid without signature.