

Trade name: Ascorbylis palmitas cosmetic

Substance number: 760782

Version: 2 / CH

Date revised: 24.12.2024

Replaces Version: 1 / CH

Print date: 24.12.24

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

Ascorbylis palmitas cosmetic

Item No. 76078200

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

#### **Use of the substance/preparation**

Manufacture of pharmaceutical products, food industry, analytics

### **1.3. Details of the supplier of the safety data sheet**

#### **Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

### **1.4. Emergency telephone number**

Switzerland :145 / Abroad +41 (0)44 251 51 51

## **SECTION 2: Hazards identification \*\*\***

### **2.1. Classification of the substance or mixture**

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2 H319

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

##### **Hazard pictograms \*\*\***



##### **Signal word \*\*\***

Warning

##### **Hazard statements \*\*\***

H319 Causes serious eye irritation.

##### **Precautionary statements \*\*\***

P264.1 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

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### 2.3. Other hazards

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

## SECTION 3: Composition/information on ingredients \*\*\*

### Molecular weight

Value	414.54	g/mol
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### Hazardous ingredients \*\*\*

#### 6-O-palmitoylascorbic acid

CAS No.	137-66-6
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EINECS no.	205-305-4
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Concentration	>=	50	%
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Classification (Regulation (EC) No. 1272/2008)	Eye Irrit. 2	H319
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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In any case show the physician the Safety Data Sheet.

#### After inhalation

Ensure supply of fresh air.

#### After skin contact

Remove contaminated, soaked clothing immediately and dispose of safely. In case of contact with skin wash off with water.

#### After eye contact

In case of contact with eyes rinse thoroughly with water. Eye doctor. Remove contact lenses

#### After ingestion

Let plenty of water be drunk in small gulps. Never give anything by mouth to an unconscious person. Take medical treatment.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Water, Foam, Carbon dioxide, Dry powder

#### Non suitable extinguishing media

No extinguishing agent restrictions

### 5.2. Special hazards arising from the substance or mixture

Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); The product is combustible. In case of combustion evolution of dangerous gases possible.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

#### Other information

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Collect contaminated fire-fighting water separately, must not be discharged into the drains.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid breathing dust. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Refer to protective measures listed in Sections 7 and 8.

### **6.2. Environmental precautions**

Do not empty into drains.

### **6.3. Methods and material for containment and cleaning up**

To pick up dry. Dispose of absorbed material in accordance with the regulations. Clean up affected area. Avoid raising dust.

### **6.4. Reference to other sections**

Information regarding waste disposal, see Section 13.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid contact with skin, eyes and clothing. Do not inhale dust.

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Storage classes**

Storage category (Switzerland)	11/13	Other solid hazardous substances with classification/labelling hazardous
Storage class according to TRGS 510	13	Non- combustible solids

#### **Further information on storage conditions**

Protect from light. Keep containers tightly closed in a dry and well-ventilated place.

## **SECTION 8: Exposure controls/personal protection**

### **8.2. Exposure controls**

#### **Respiratory protection**

Breathing apparatus in the event of aerosol. Particle filter P2; EN 143

#### **Hand protection**

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material	nitrile rubber - NBR
Material thickness	0.11
Breakthrough time	480 min

Hand protection must comply with EN 374.

#### **Eye protection**

Tightly fitting safety glasses; Eye protection must comply with EN 166.

#### **Body protection**

Protective clothing

## **SECTION 9: Physical and chemical properties \*\*\***

### **9.1. Information on basic physical and chemical properties**

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**Physical state**

solid

**Colour**

white

**Boiling point or initial boiling point and boiling range**

Value &gt; 250 °C

**Flash point**

Value °C

Remarks Not applicable

**Decomposition temperature \*\*\***

Remarks No data available

**pH value**

Remarks No data available

**Partition coefficient n-octanol/water (log value)**log Pow > 6.5  
Temperature 30 °C**Vapour pressure**

Remarks No data available

**Density and/or relative density**Value 1.184 g/cm<sup>3</sup>  
Temperature 23 °C**9.2. Other information****Odour threshold**

Remarks No data available

**Solubility in water**Value 0.00003 g/l  
Temperature 25 °C  
Remarks insoluble**Bulk density**Value appr. 180 kg/m<sup>3</sup>**SECTION 10: Stability and reactivity****10.1. Reactivity**

Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.

**10.2. Chemical stability**

Protect from light.

**10.3. Possibility of hazardous reactions**

Oxidising agents

**10.4. Conditions to avoid**

To avoid thermal decomposition, do not overheat.

**10.5. Incompatible materials**

None known

**10.6. Hazardous decomposition products**

In the event of fire the following can be released: Carbon monoxide and carbon dioxide, Formation of toxic gases possible during heating or in case of fire.

**SECTION 11: Toxicological information \*\*\***

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**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity (Components)****6-O-palmitoylascorbic acid**

Species	rat	
LD50	>	10000 mg/kg

**6-O-palmitoylascorbic acid**

Species	mouse	
LD50		25000 mg/kg

**6-O-palmitoylascorbic acid**

Species	mammal, species unspecified	
LD50	>	4000 mg/kg

**Acute dermal toxicity (Components)****6-O-palmitoylascorbic acid**

Species	guinea pig	
LD50	>	3000 mg/kg

**Acute inhalative toxicity (Components)****6-O-palmitoylascorbic acid**

Remarks	No data available.
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**Skin corrosion/irritation (Components)****6-O-palmitoylascorbic acid**

Species	rabbit
evaluation	slightly irritant

**6-O-palmitoylascorbic acid**

Species	Human
evaluation	non-irritant
Method	OECD 439

**Serious eye damage/irritation (Components)****6-O-palmitoylascorbic acid**

Species	rabbit
evaluation	irritant
Method	Draize method

**6-O-palmitoylascorbic acid**

evaluation	irritant
Method	OECD 429

**Sensitization (Components)****6-O-palmitoylascorbic acid**

Species	mouse
evaluation	non-sensitizing
Method	OECD 429

**Subacute, subchronic, chronic toxicity (Components)****6-O-palmitoylascorbic acid**

Remarks	Not applicable
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**Mutagenicity (Components)****6-O-palmitoylascorbic acid**

Remarks	negative
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**6-O-palmitoylascorbic acid**

Species	Escherichia coli
evaluation	No mutagenicity in the Ames-test.

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Method OECD 471

**6-O-palmitoylascorbic acid**Species Salmonella typhimurium  
evaluation No mutagenicity in the Ames-test.

Method OECD 471

**Reproduction toxicity (Components)****6-O-palmitoylascorbic acid**

evaluation No negative effects

**Carcinogenicity (Components)****6-O-palmitoylascorbic acid**

Remarks negative

**Specific Target Organ Toxicity (STOT) (Components)****6-O-palmitoylascorbic acid**

Remarks Not applicable

**11.2 Information on other hazards****Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

**SECTION 12: Ecological information \*\*\*****12.1. Toxicity****Fish toxicity (Components)****6-O-palmitoylascorbic acid**Species Salmo gairdneri  
LC50 51 mg/l  
Duration of exposure 96 h**Daphnia toxicity (Components)****6-O-palmitoylascorbic acid**Species Daphnia magna  
EC50 > 100 mg/l  
Duration of exposure 48 h  
Method OECD 202**Algae toxicity (Components)****6-O-palmitoylascorbic acid**Species Pseudokirchneriella subcapitata  
EC50 > 100 mg/l  
Duration of exposure 72 h  
Method OECD 201**Bacteria toxicity (Components)****6-O-palmitoylascorbic acid**

Remarks No data available.

**12.2. Persistence and degradability****General information**

Information refers to the main component.

**Physico-chemical eliminability (Components)****6-O-palmitoylascorbic acid**

Remarks No data available.

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**Biodegradability (Components)****6-O-palmitoylascorbic acid**

Value	48	%
Duration of test	28	d
evaluation	inherently biodegradable, fulfilling criteria	
Method	OECD 302 C	

**6-O-palmitoylascorbic acid**

Value	93	%
Duration of test	28	d
evaluation	Readily biodegradable	
Method	OECD 301 B	

**12.3. Bioaccumulative potential****General information**

Information refers to the main component.

**Partition coefficient n-octanol/water (log value)**

log Pow	>	6.5
Temperature	30	°C

**12.5. Results of PBT and vPvB assessment****General information**

No data available

**Results of PBT and vPvB assessment \*\*\***

The Substance does not meet PBT-criteria.

This substance does not meet the vPvB-criteria.

**12.6 Endocrine disrupting properties****Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

**12.7. Other adverse effects****General information**

Information refers to the main component.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

**Disposal recommendations for packaging**

Dispose of as unused product.

**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

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**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**

Water Hazard Class	WGK 1
(Germany)	
Remarks	Self-assessment

**SECTION 16: Other information****Hazard statements listed in Chapter 3**

H319	Causes serious eye irritation.
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**CLP categories listed in Chapter 3**

Eye Irrit. 2	Eye irritation, Category 2
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**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.