

Trade name: Ascorbylis palmitas cosmetic

Substance number: 760782

Version: 1 / CH

Date revised: 05.04.2022

Replaces Version: - / CH

Print date: 05.04.22

## **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, Manufacture of cosmetics

### **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**

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### **2.2. Label elements**

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

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

### **2.3. Other hazards**

No special hazards have to be mentioned.

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

### **Further ingredients**

#### **6-O-palmitoylascorbic acid**

CAS No. 137-66-6

EINECS no. 205-305-4

Concentration &gt;= 95 %

Advice: [4]

#### **Note**

[4] Voluntary information

#### **Other information**

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

## **SECTION 4: First aid measures**

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#### 4.1. Description of first aid measures

##### General information

In case of persistent symptoms consult doctor.

##### After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

##### After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

##### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

##### After ingestion

Rinse out mouth and give plenty of water to drink.

##### Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

#### 4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

#### 4.3. Indication of any immediate medical attention and special treatment needed

##### Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Foam, Carbon dioxide, Dry powder, Water spray jet

#### 5.3. Advice for firefighters

##### Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

### SECTION 6: Accidental release measures

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

Avoid breathing dust.

#### 6.2. Environmental precautions

Do not allow to enter drains or waterways.

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

Pick up mechanically. Clean contaminated floors and objects thoroughly, observing environmental regulations.

#### 6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

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

**Advice on protection against fire and explosion**

No special measures required.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed and dry.

**Hints on storage assembly**

Do not store together with foodstuffs.

**Storage classes**

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	NG	Other solid hazardous substances without classification/labelling hazardous

**Further information on storage conditions**

Keep container tightly closed and dry.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Other information**

Contains no substances with occupational exposure limit values.

**8.2. Exposure controls****General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

**Respiratory protection**

Breathing apparatus in the event of aerosol. Particle filter P1

**Hand protection**

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

Hand protection must comply with EN 374.

**Eye protection**

Safety glasses

**Body protection**

Clothing as usual in the chemical industry.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Form</b>	solid
<b>Colour</b>	white
<b>Odour</b>	slight, original odour
<b>Odour threshold</b>	
Remarks	No data available
<b>pH value</b>	
Remarks	No data available
<b>Melting point</b>	

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Value 107 to 117 °C

**Freezing point**

Remarks not determined

**Initial boiling point and boiling range**

Remarks No data available

**Flash point**

Value °C

Remarks Not applicable

**Evaporation rate (ether = 1) :**

Remarks not determined

**Flammability (solid, gas)**

not determined

**Upper/lower flammability or explosive limits**

Remarks not determined

**Vapour pressure**

Remarks No data available

**Vapour density**

Remarks not determined

**Density**

Remarks not determined

**Solubility in water**

Temperature 20 °C

Remarks insoluble

**Solubility(ies)**

Remarks not determined

**Partition coefficient: n-octanol/water**

log Pow 6.0

Remarks Due to the distribution coefficient n-octanol/water, accumulation in organisms is possible.

Source Literature value

**Ignition temperature**

Remarks not determined

**Decomposition temperature**

Value appr. 150 to 160 °C

**Viscosity**

Remarks not determined

**9.2. Other information****Bulk density**

Remarks not determined

**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.

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**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**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

Remarks Information refers to the main component.

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

Species	rat		
LD50	>	10000	mg/kg

**6-O-palmitoylascorbic acid**

Species	mouse		
LD50		25000	mg/kg

**Acute dermal toxicity**

Remarks Information refers to the main component.

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

Species	guinea pig		
LD50	>	3000	mg/kg

**Acute inhalational toxicity**

Remarks Information refers to the main component.

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

Remarks No data available.

**Skin corrosion/irritation**

Remarks Information refers to the main component.

**Skin corrosion/irritation (Components)****6-O-palmitoylascorbic acid**

Species	rabbit		
evaluation		slightly irritant	

**Serious eye damage/irritation**

Remarks Information refers to the main component.

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

Species	rabbit		
evaluation		non-irritant	
Method		Draize method	

**Sensitization**

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Remarks Information refers to the main component.

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

evaluation non-sensitizing

Remarks No sensitisation effect known.

**Subacute, subchronic, chronic toxicity**

Remarks Information refers to the main component.

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

Remarks Not applicable

**Mutagenicity**

Remarks Information refers to the main component.

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

Remarks negative

**Reproductive toxicity**

Remarks Information refers to the main component.

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

evaluation No negative effects

**Carcinogenicity**

Remarks Information refers to the main component.

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

Remarks negative

**Specific Target Organ Toxicity (STOT)**

Remarks Information refers to the main component.

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

Remarks Not applicable

**Other information**

The toxicological information is based on the main components.

**SECTION 12: Ecological information****12.1. Toxicity****General information**

Information refers to the main component.

**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**

Remarks No data available.

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

Remarks No data available.

**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.

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

Value	48	%
Duration of test evaluation	28	d
Method	not readily degradable OECD 302B/ISO 9888/EEC 88/302,C	

**Ready degradability (Components)****6-O-palmitoylascorbic acid**

Method	OECD 302B/ISO 9888/EEC 88/302,C
Remarks	Not readily biodegradable.

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

Information refers to the main component.

**Partition coefficient: n-octanol/water**

log Pow	6.0
Remarks	Due to the distribution coefficient n-octanol/water, accumulation in organisms is possible.
Source	Literature value

**Octanol/water partition coefficient (log Pow) (Components)****6-O-palmitoylascorbic acid**

log Pow	6.0
Method	calculated

**12.4. Mobility in soil****General information**

not determined

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

No data available

**12.6. Other adverse effects****General information**

Information refers to the main component.

**General information / ecology**

Do not discharge product unmonitored into the environment.

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## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

#### **Disposal recommendations for packaging**

Packaging that cannot be cleaned should be disposed off as product waste.

## **SECTION 14: Transport information**

	<b>Land transport ADR/RID</b>	<b>Marine transport IMDG/GGVSee</b>	<b>Air transport ICAO/IATA</b>
<b>14.1. UN number</b>	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.

## **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

### **15.2. Chemical safety assessment**

For this preparation a chemical safety assessment has not been carried out.

## **SECTION 16: Other information**

### **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.