

Trade name: Ascorbylis palmitas cosmetic

Substance number: 160785

Version: 1 / CH

Date revised: 30.03.2022

Replaces Version: - / CH

Print date: 30.03.22

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

1.1. Product identifier

Ascorbylis palmitas cosmetic

Item No. 16078500

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 >= 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

Trade name: Ascorbylis palmitas cosmetic

Substance number: 160785

Version: 1 / CH

Date revised: 30.03.2022

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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

Trade name: Ascorbylis palmitas cosmetic

Substance number: 160785

Version: 1 / CH

Date revised: 30.03.2022

Replaces Version: - / CH

Print date: 30.03.22

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**

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

Trade name: Ascorbylis palmitas cosmetic

Substance number: 160785

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Replaces Version: - / CH

Print date: 30.03.22

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.

Trade name: Ascorbylis palmitas cosmetic

Substance number: 160785

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Date revised: 30.03.2022

Replaces Version: - / CH

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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

Trade name: Ascorbylis palmitas cosmetic

Substance number: 160785

Version: 1 / CH

Date revised: 30.03.2022

Replaces Version: - / CH

Print date: 30.03.22

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.

Trade name: Ascorbylis palmitas cosmetic

Substance number: 160785

Version: 1 / CH

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Replaces Version: - / CH

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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.

Trade name: Ascorbylis palmitas cosmetic

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Replaces Version: - / CH

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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

	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.

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.