

Trade name: Calcii lactas pentahydricus

Substance number: 062272

Version: 3 / CH

Date revised: 10.03.2026

Replaces Version: 2 / CH

Print date: 10.03.26

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

1.1. Product identifier

Calcii lactas pentahydricus

Item No. 06227200

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

Use of the substance/preparation

Chemical, dietary supplement

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.

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

Further ingredients

Calcium (S)-2-hydroxypropionate

CAS No. 28305-25-1

EINECS no. 248-953-3

Registration no. 01-2119971047-35-0000

Concentration >= 95 %

Advice: [4]

Trade name: Calcii lactas pentahydricus

Substance number: 062272

Version: 3 / CH

Date revised: 10.03.2026

Replaces Version: 2 / CH

Print date: 10.03.26

Note

[4] Voluntary information

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

When dust is intensively inhaled, seek medical help immediately. Ensure supply of fresh air.

After skin contact

Wash off with soap and water. Consult a doctor if skin irritation persists.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. In case of irritation consult an oculist.

After ingestion

Rinse mouth thoroughly with water. Summon a doctor immediately.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water spray jet, Foam, Dry chemical extinguisher, Carbon dioxide

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

Other information

Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Keep away unprotected persons. Do not inhale dust. Wear protective equipment

6.2. Environmental precautions

No special measures required.

6.3. Methods and material for containment and cleaning up

Avoid raising dust. Pick up mechanically. Rinse away rest with water. Take up mechanically and collect in suitable container for disposal. When picked up, treat material as prescribed under Section 13 "Disposal".

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid dust formation. Provide exhaust ventilation if dust is formed. Do not inhale dust. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities**Storage classes**

Storage class according to TRGS 510

13

Non- combustible solids

Storage category (Switzerland)

NG

Other solid hazardous substances

Trade name: Calcii lactas pentahydricus

Substance number: 062272

Version: 3 / CH

Date revised: 10.03.2026

Replaces Version: 2 / CH

Print date: 10.03.26

without classification/labelling
hazardous**Further information on storage conditions**

Keep container tightly closed and in a well-ventilated place.

SECTION 8: Exposure controls/personal protection**8.2. Exposure controls****General protective and hygiene measures**

Do not breathe dust. Avoid contact with eyes. Observe the usual precautions for handling chemicals.

Respiratory protection

necessary; Particle filter P; EN 143

Hand protection

Protective gloves

Appropriate Material	Butyl rubber - Butyl		
Material thickness	0.5	mm	
Breakthrough time	> 480	min	
Appropriate Material	PVC		
Material thickness	0.5	mm	
Breakthrough time	> 480	min	
Appropriate Material	nitrile rubber - NBR		
Material thickness	0.35	mm	
Breakthrough time	>		
Appropriate Material	nitrile rubber - NBR		
Material thickness	0.35	mm	
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 overalls; Boots

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

Physical state	solid		
Colour	white		
Physical state	Powder		
Melting point			
Value	> 200		°C
Boiling point or initial boiling point and boiling range			
Remarks	No data available		
Flash point			
Remarks	Not applicable		
pH value			
Value	6	to	8
Concentration/H ₂ O	50	g/l	
Viscosity			
Remarks	No data available		

Trade name: Calcii lactas pentahydricus

Substance number: 062272

Version: 3 / CH

Date revised: 10.03.2026

Replaces Version: 2 / CH

Print date: 10.03.26

9.2. Other information**Solubility in water**

Value	70	to	90	g/l
Temperature	25	°C		

Bulk density

Value	600	to	800	kg/m ³
-------	-----	----	-----	-------------------

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

10.4. Conditions to avoid

Avoid dust formation. Protect from heat and direct sunlight. Strong UV radiation

10.5. Incompatible materials

Strong oxidising agents, Bases, Acids, Metals

10.6. Hazardous decomposition products

Toxic gases/vapours, Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Remarks Based on available data, the classification criteria are not met.

Acute oral toxicity (Components)**Calcium (S)-2-hydroxypropionate**

Remarks No data available

Acute dermal toxicity

Remarks Based on available data, the classification criteria are not met.

Acute dermal toxicity (Components)**Calcium (S)-2-hydroxypropionate**

Remarks No data available

Acute inhalational toxicity

Remarks Based on available data, the classification criteria are not met.

Acute inhalative toxicity (Components)**Calcium (S)-2-hydroxypropionate**

Species	rat			
LC50	>	7.94		mg/l
Duration of exposure	4	h		

Skin corrosion/irritation

Remarks Based on available data, the classification criteria are not met.

Skin corrosion/irritation (Components)

Trade name: Calcii lactas pentahydricus

Substance number: 062272

Version: 3 / CH

Date revised: 10.03.2026

Replaces Version: 2 / CH

Print date: 10.03.26

Calcium (S)-2-hydroxypropionate

Remarks No data available

Serious eye damage/irritation

Remarks Based on available data, the classification criteria are not met.

Serious eye damage/irritation (Components)**Calcium (S)-2-hydroxypropionate**Species rabbit
evaluation non-irritant
Method OECD 405**Sensitization**

Remarks Based on available data, the classification criteria are not met.

Sensitization (Components)**Calcium (S)-2-hydroxypropionate**

Remarks No data available

Mutagenicity

Remarks Based on available data, the classification criteria are not met.

Mutagenicity (Components)**Calcium (S)-2-hydroxypropionate**

Remarks No data available

Reproductive toxicity

Remarks Based on available data, the classification criteria are not met.

Reproduction toxicity (Components)**Calcium (S)-2-hydroxypropionate**

Remarks No data available

Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

Carcinogenicity (Components)**Calcium (S)-2-hydroxypropionate**

Remarks No evidence available on carcinogenicity.

Specific Target Organ Toxicity (STOT)**Single exposure**

Remarks Based on available data, the classification criteria are not met.

Repeated exposure

Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) (Components)**Calcium (S)-2-hydroxypropionate**

Remarks No data available

Aspiration hazard

Based on available data, the classification criteria are not met.

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**

Trade name: Calcii lactas pentahydricus

Substance number: 062272

Version: 3 / CH

Date revised: 10.03.2026

Replaces Version: 2 / CH

Print date: 10.03.26

Fish toxicity

Remarks

Quantitative data concerning the ecological effect are not available.

12.5. Results of PBT and vPvB assessment**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 / ecology**

Ecological data are not available.

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 or ID 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.
14.5. Environmental hazards	-		

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 (Germany) WGK 1

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

Other information ***The product does not contain substances according to Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH) with a content of $\geq 0.1\%$ w/w.**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

Trade name: Calcii lactas pentahydricus

Substance number: 062272

Version: 3 / CH

Replaces Version: 2 / CH

Date revised: 10.03.2026

Print date: 10.03.26

guarantee for any specific product properties and shall not establish a legally valid relationship.