

Trade name: Calcii citras tetrahydricus

Substance number: 062144

Version: 2 / CH

Date revised: 21.12.2018

Replaces Version: 1 / CH

Print date: 04.10.19

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

1.1. Product identifier

Calcii citras tetrahydricus

Item No. 06214400

Substance / product identification

CAS-No. 5785-44-4

EINECS-No. 212-391-7

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

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

Other information

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

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

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

After skin contact

Wash off immediately with soap and water and rinse well.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

By continuous complaints consult a physician.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

6.2. Environmental precautions

Knock down dust with water spray jet.

6.3. Methods and material for containment and cleaning up

Pick up mechanically.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide exhaust ventilation if dust is formed.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition. Keep away from sources of ignition - No smoking. Take action to prevent static discharges. Dust can form an explosive mixture with air.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value 15 - 30 °C

Requirements for storage rooms and vessels

No special requirements.

Hints on storage assembly

Do not store with oxidizing agents.

Further information on storage conditions

None.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

Exposure controls

See Section 7. No measures exceeding the ones mentioned necessary.

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Respiratory protection

Breathing apparatus in the event of aerosol, mist or fume formation.

Hand protection

Not suitable

Eye protection

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Safety glasses

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Crystalline powder		
Colour	white		
Odour	odourless		
pH value			
Value	7.0		
Concentration/H ₂ O	1	g/l	
Temperature	20	°C	

Melting point

Remarks not determined

Initial boiling point and boiling range

Remarks not determined

Flash point

Remarks Not applicable

Density

Remarks not determined

Solubility in water

Value	2.2		g/l
Temperature	20	°C	

Decomposition temperature

Value	> 100	°C
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9.2. Other information

Bulk density

Value appr. 500 kg/m³

Other information

The product is not dangerous for explosions.

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

To avoid thermal decomposition, do not overheat.

10.5. Incompatible materials

No dangerous reactions known.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

Remarks No effect of irritation known.

Serious eye damage/irritation

Remarks No effect of irritation known

Sensitization

Remarks No sensitisation effect known.

Other information

By appropriate use of the product no health damage is known.

SECTION 12: Ecological information

12.5. Results of PBT and vPvB assessment

Evaluation of persistence and bioaccumulation potential

The product contains no PBT or vPvB substances.

12.6. Other adverse effects

General information / ecology

In general not water hazardous.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Can be disposed of or incinerated together with household refuse in accordance with the regulations after consultation with the disposal agency and the relevant authorities.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	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 (Germany) Not water hazardous

SECTION 16: Other information

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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.