

Trade name: Calcii hydroxidi solutio 0.15%

Substance number: 210701

Version: 1 / CH

Date revised: 21.12.2016

Replaces Version: - / CH

Print date: 21.12.16

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

1.1. Product identifier

Calcii hydroxidi solutio 0.15%

Item No. 21070100

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG

Industriestrasse 35

9101 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

Water

CAS No. 7732-18-5

EINECS no. 231-791-2

Concentration >= 95 %

Advice: [4]

Calcium oxide

CAS No. 1305-78-8

EINECS no. 215-138-9

Registration no. 01-2119475325-36-0017

Concentration < 1 %

Advice: [4]

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

H315

H318

H335

Trade name: Calcii hydroxidi solutio 0.15%

Substance number: 210701

Version: 1 / CH

Date revised: 21.12.2016

Replaces Version: - / CH

Print date: 21.12.16

Advice:

[4] Voluntary information

SECTION 4: First aid measures**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**

Wear protective equipment

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. 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.

Trade name: Calcii hydroxidi solutio 0.15%

Substance number: 210701

Version: 1 / CH

Date revised: 21.12.2016

Replaces Version: - / CH

Print date: 21.12.16

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals.

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

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

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

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

Hand protection

Appropriate Material neoprene

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 liquid, clear

Colour colourless

Odour odourless

Odour threshold

Remarks not determined

pH value

Remarks not determined

Melting point

Remarks not determined

Trade name: Calcii hydroxidi solutio 0.15%

Substance number: 210701

Version: 1 / CH

Date revised: 21.12.2016

Replaces Version: - / CH

Print date: 21.12.16

Freezing point

Remarks not determined

Initial boiling point and boiling range

Remarks not determined

Flash pointValue °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 Not applicable

Vapour density

Remarks not determined

Density

Remarks not determined

Solubility in water

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient: n-octanol/water

Remarks not determined

Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

Viscosity

Remarks not determined

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

9.2. Other information**Other information**

None known

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

No dangerous reactions known.

10.2. Chemical stability

No decomposition if stored and applied as directed.

Trade name: Calcii hydroxidi solutio 0.15%

Substance number: 210701

Version: 1 / CH

Date revised: 21.12.2016

Replaces Version: - / CH

Print date: 21.12.16

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

Decomposition temperature

Remarks not determined

10.5. Incompatible materials

None known

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

Remarks not determined

Acute oral toxicity (Components)**Calcium oxide**

Species	rat	
LD50	> 2000	mg/kg
Method	OECD 425	

Acute dermal toxicity

Remarks not determined

Acute dermal toxicity (Components)**Calcium oxide**

Species	rabbit	
LD50	> 2500	mg/kg
Method	OECD 402	
Remarks	Test conducted with a similar formulation.	
Source	Calciumhydroxid	

Acute inhalational toxicity

Remarks not determined

Skin corrosion/irritation

Remarks not determined

Serious eye damage/irritation

Remarks not determined

Sensitization

Remarks not determined

Sensitization (Components)**Calcium oxide**

evaluation non-sensitizing

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

Remarks not determined

Reproductive toxicity

Remarks not determined

Carcinogenicity

Trade name: Calcii hydroxidi solutio 0.15%

Substance number: 210701

Version: 1 / CH

Date revised: 21.12.2016

Replaces Version: - / CH

Print date: 21.12.16

Remarks not determined

Other information

No toxicological data are available.

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

not determined

12.2. Persistence and degradability**General information**

not determined

12.3. Bioaccumulative potential**General information**

not determined

Partition coefficient: n-octanol/water

Remarks not determined

12.4. Mobility in soil**General information**

not determined

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

not determined

12.6. Other adverse effects**General information**

not determined

General information / ecology

Do not discharge product unmonitored into the environment.

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**

Non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

Trade name: Calcii hydroxidi solutio 0.15%

Substance number: 210701

Version: 1 / CH

Date revised: 21.12.2016

Replaces Version: - / CH

Print date: 21.12.16

Air transport ICAO/IATA

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)	WGK 3
---------------------------------	-------

Remarks	Classification according to Annex 4 VwVwS
---------	---

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.