

CALCIUM CHLORIDE

SAFETY DATA SHEET

Version date 99-03-19

Version number 1

Print date 5-02-22

Sida 1

1. Ident. of the subst./prep. and of the company/undertaking

CALCIUM CHLORIDE

Brenntag Nordic AB

Box 50121

202 11 MALMÖ

Prepared by: Laboratory, Malmoe, Sweden

Phone number: +46 40 28 73 00, Fax number: + 46 40 93 28 74

CAS number and chemical name

10043-52-4 Calcium chloride

VIB-nr: KA006

Product code

10535

5338

7454

7549

7958

2. Composition/information on ingredients

CAS number	Chemical name	Conc %	Symbols	R-phrases
10043-52-4	Calcium chloride	min 75	Xi	R36

EINECS-no: 233-140-8 Index-no: 017-013-00-2

See section 16 for explanation of R-phrases.

3. Hazards identification

HAZARD SYMBOL: Xi = Irritating

R36 Irritating to eyes.

No environment- and fire hazard classification according to EEC-directive.

4. FIRST AID

INHALATION: Remove to fresh air, consult a doctor in case of symptoms.

SKIN CONTACT: Remove contaminated clothing. Wash off with

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plenty of water.

EYE CONTACT: Rinse with opened eye for several minutes under running water. Consult a doctor in case of symptoms.

INGESTION: If the victim is conscious, give large quantities to drink, preferably milk. Do not induce vomiting. If large quantities swallowed or if symptoms persist contact a doctor

5. Fire-fighting measures

EXTINGUISHING MEDIA:

No limitations for fighting surrounding fire.

In case of fire cool endangered containers with water.

FIRE- & EXPLOSION HAZARDS:

Product is not combustible.

6. Accidental release measures

Sweep up spillage or waste and collect in containers.

Avoid dust. Flush clean with water.

PERSONAL PRECAUTIONS: SEE POINT 8 !

7. Handling and storage

HANDLING:

Good industrial hygiene should be followed. Avoid contact with skin and eyes.

Provide for good ventilation. Use mechanical ventilation at dusting.

Possibility to wash the eye at the place of work.

STORAGE:

Store in original closed containers at a dry place.

8. Exposure controls/personal protection

RESPIRATORY:

Use respirator at dusting.

EYE PROTECTION:

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Safety glasses.

HAND PROTECTION:

Protective gloves.

Wear chemical resistant gloves such as:

Chemical protection 4-8h: Responder

SKIN PROTECTION:

Wear protective clothing if necessary.

9. Physical and chemical properties

Product description

Colourless, very hygroscopic crystals without odour

Density (kg/m³) appro 2510

Boiling point (°C) >1600

Melting point (C) 772

Solubil in water approx 43% at 20 °C

R steam den(Air=1) very low

Flash point (°C) none

Ignition temp.(°C) none

pH-Value 8 - 12 10%-solution

Formula: CaCl₂

Molecular weight (g/mol): 111

Bulk density: 880-1100 kg/m³

10. Stability and reactivity

STABILITY:

Stable under normal conditions.

REACT WITH / MATERIAL TO AVOID:

Freely soluble in water with liberation of much heat.

11. Toxicological information

ACUTE TOXICITY:

LD50 oralt råtta: 1000 mg/kg

INHALATION:

Dust can cause irritation to the mucous membranes
resulting in coughing and at higher dust concentration

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difficulty in breathing.

SKIN IRRITATION:

May cause irritation. Prolonged skin contact may cause redness and blistering.

EYE IRRITATION:

Dust or splash from conc. solution may cause pain and possibly even transient damage to the eyes.

INGESTION:

Ingestion may cause irritation in nose and throat, intestinal and gastric disturbances.

12. Ecological information

No ecological data for the product is available.

13. Disposal considerations

Eliminate waste in conditions authorised by the regulations. Store waste in containers provided for this purpose. Do not dump in drains, water sheets or the ground. Contaminated packaging dispose as the product.

EWC-CODE:

For this product, in accordance with European Waste Catalogue(EWC), a cataloguenumber cannot be given, because the customer has to lay down the purpose first. The cataloguenumber has to be given according to the local waste-removal.

14. Transport information

Not dangerous goods according to the transport regulations.

15. Regulatory information

Classification

Hazardous chemical product

Symbol St. Andrew's cross

Danger designation Irritant

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Chemical product harmful to the environment

Symbol Not regulated.

Flammable chemical product

Symbol Not regulated.

Contains

Calcium chloride

Risk and Safety phrases

R36 Irritating to eyes.

S22 Do not breathe dust.

S24 Avoid contact with skin.

Marking

EU label J

EU number 233-140-8

Label version 1

Index no

017-013-00-2

16. Other information

Explanation of R-phrases under section 2:

R36 Irritating to eyes.