



CYNOR LABORATORY

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MATERIAL SAFETY DATA SHEET

Product Name	CALCIUM CARBONATE
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1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: CALCIUM CARBONATE

Product code C0034/C0033

Identification of the product: Calcium carbonate

CAS No:471-34-1

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

againstUse: Industrial. For professional use only.

1.3. Details of the supplier of the safety data sheet

Company identification: CYNOR

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2. Hazards identification -DSD

2.1. Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008..

2.2. Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008..

2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. Composition/information on ingredients

Formula	: Caco3
Molecular weight	: 100.09 g/mol
CAS-No.	: 471-34-1
EC-No.	: 207-439-9

No components need to be disclosed according to the applicable regulations.

4. First aid measures

4.1. Description of first aid measuresIf inhaled



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After inhalation: fresh air.

In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/shower.

In case of eye contact

After eye contact: rinse out with plenty of water. Remove contact lenses.

If swallowed

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3. Indication of any immediate medical attention and special treatment needed

No data available

5. Fire-fighting measures

5.1. Extinguishing media Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

5.2. Special hazards arising from the substance or mixture

Calcium oxide Not combustible.

Ambient fire may liberate hazardous vapours.

5.3. Advice for fire-fighters

In the event of fire, wear self-contained breathing apparatus.

5.4 Further information

None

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

6.2 Environmental precautions

No special precautionary measures necessary.

6.3. Methods and material for containment and cleaning up

Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.



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6.4. Reference to other sections

For disposal see section 13.

7. Handling and storage

7.1. Precautions for safe handling

For precautions see section 2.2.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Tightly closed. Dry.

Moisture sensitive. hygroscopic

Storage class

Storage class (TRGS 510): 13: Non Combustible Solids

7.3. Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. Exposure controls/personal protection

8.1. Exposure controls

Personal protection : Avoid all unnecessary exposure.

Respiratory protection : Wear approved mask.

Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or safety glasses.

Others : When using, do not eat, drink or smoke.

8.2. Control parameters

Occupational Exposure Limits : No data available.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

- | | |
|--|---|
| a) Physical state | powder |
| b) Color | white |
| c) Odor | No data available |
| d) Melting
/freezing point | Melting point/freezing point: 800 °C - Decomposes point on heating. |
| e) Initial boiling point | 800 °C and boiling range |
| f) Flammability
(solid, gas) | The product is not flammable. - Test N.1: Test method
for readily combustible solids |
| g) Upper/lower
available flammability | No data |



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or explosive limits

- | | |
|---|--|
| h) Flash point | No data available |
| i) Autoignition
flammable temperature | not auto- |
| j) Decomposition temperature | No data available |
| k) pH 8.0 | |
| Viscosity | Viscosity, kinematic: No data available |
| Viscosity, dynamic: | No data available |
| m) Water solubility | 0.017 g/l at 20 °C - OECD Test Guideline 105- slightly soluble |
| n) Partition coefficient:
substances n-octanol/water | Not applicable for inorganic |
| o) Vapor pressure | No data available |
| p) Density | 2.93 g/mL at 25 °C - lit. |
| Relative density | No data available |
| q) Relative vapor density | No data available |
| r) Particle characteristics | No data available |
| s) Explosive properties | No data available |
| t) Oxidizing properties | none |

9.2 Other safety information

No data available

10. Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

10.3. Possibility of hazardous reactions

Generates dangerous gases or fumes in contact with: acids

carbon dioxide ammonium compounds acidic salts acidic

Exothermic reaction with: Fluorine

Aluminum Magnesium



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10.4. Conditions to avoid

Exposure to moisture may affect product quality.
no information available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

In the event of fire: see section 5

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
pH: 8 – 9 (10% solution at 25°C)	
Serious eye damage/irritation	: Not classified
pH: 8 – 9 (10% solution at 25°C)	
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

12. Ecological information

12.1. Toxicity

Ecology - general: The product is not considered harmful to aquatic organisms nor
To cause long-term adverse effects in the environment.

Hazardous to the aquatic
environment, short-term (acute) : Not classified
Hazardous to the aquatic
environment, long-term (chronic) : Not classified

12.2. Persistence - degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available



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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

13. Disposal considerations

13.1. Waste treatment methods

General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

14.2. UN proper shipping name

ADR/RID:

Not dangerous goods

IMDG:

Not dangerous goods

IATA:

Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4 Packaging group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

No data available

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2. Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

16. Other information

Abbreviations and acronyms :

PBT: persistent, bioaccumulative and toxic. vPvB: very persistent and very bioaccumulative

Sources of key data used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN



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PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Further information : None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008 **DISCLAIMER OF LIABILITY** The information in this SDS was

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End of document

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