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

1.1 Product identifier

Trade name
Calcium Carbonate

Substance name calcium-carbonate

Identification numbers
CAS no.  471-34-1
EC no.  207-439-9

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

Relevant identified uses of the substance or mixture
chemical analysis

Uses advised against
No data available.

1.3 Details of the supplier of the safety data sheet

Address
ELTRA GmbH
Retsch-Allee 1-5

42781 Haan
GERMANY

Telephone no. +49 (0) 2104 23 33-400
Fax no. +49 (0) 2104 23 33-499

Information provided by / telephone
+49 (0) 2104 23 33-192

Advice on Safety Data Sheet
info@eltra.com

1.4 Emergency telephone number

For medical advice (in German and English):
+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification information
This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

Not relevant

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical characterization
Substance name calcium-carbonate

Identification numbers
CAS no.  471-34-1
EC no.  207-439-9

3.2 Mixtures

Not applicable. The product is not a mixture.
SECTION 4: First aid measures

4.1 Description of first aid measures
   General information
   In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

   After inhalation
   Remove affected person from the immediate area. Ensure supply of fresh air.

   After skin contact
   In case of contact with skin wash off immediately with soap and water.

   After eye contact
   Separate eyelids, wash the eyes thoroughly with water (15 min.). Get medical attention if pain still persists.

   After ingestion
   Never give anything by mouth to an unconscious person. Rinse out mouth and drink 200 - 300 ml water. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed
   No data available.

4.3 Indication of any immediate medical attention and special treatment needed
   No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media
   Suitable extinguishing media
   Extinguishing measures to suit surroundings.

   Unsuitable extinguishing media
   No data available.

5.2 Special hazards arising from the substance or mixture
   No data available.

5.3 Advice for firefighters
   Use self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
   For non-emergency personnel
   Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing.

   For emergency responders
   No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions
   Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up
   Take up mechanically. When collected, handle material as described under the section heading "Disposal considerations". Avoid raising dust.

6.4 Reference to other sections
   Information regarding waste disposal, see chapter 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
   Advice on safe handling
   Provide good ventilation at the work area (local exhaust ventilation, if necessary). Avoid eye, skin and clothing contact. Avoid the formation and deposition of dust.
General protective and hygiene measures
Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale dust. Provide eye wash fountain in work area.

Advice on protection against fire and explosion
The product is not combustible. Dust can form an explosive mixture with air. Take precautionary measures against static charges. Keep away from sources of ignition - refrain from smoking.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions
Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels
Always keep in containers of same material as the original.

Incompatible products
Do not store together with: Fluorides; Acids; Ammonium compounds

7.3 Specific end use(s)
No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
No parameters available for monitoring.

8.2 Exposure controls
Appropriate engineering controls
No data available.

Personal protective equipment
Respiratory protection
If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of dust formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.
Respiratory filter (part): P 2

Eye / face protection
Safety glasses (EN 166)

Hand protection
Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer’s instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material: nitrile rubber
Material thickness: 0.11 mm
Breakthrough time: > 480 min

Other
Normal chemical work clothing.

Environmental exposure controls
No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour
- solid
- light grey

Odour
odourless
## Odour threshold
No data available

## pH value
| Value | 9.5 - 10.5 | Reference temperature | 20 °C | Concentration | 100 g/l |

## Boiling point / boiling range
No data available

## Melting point / melting range
| Value | 825 °C |

## Decomposition point / decomposition range
| Value | appr. 825 °C |

## Flash point
Not applicable

## Auto-ignition temperature
No data available

## Oxidising properties
No data available

## Explosive properties
No data available

## Flammability (solid, gas)
No data available

## Lower flammability or explosive limits
No data available

## Upper flammability or explosive limits
No data available

## Vapour pressure
No data available

## Vapour density
No data available

## Evaporation rate
No data available

## Relative density
No data available

## Density
No data available

## Bulk density
| Value | appr. 400 - 1400 kg/m³ |

## Solubility in water
| Value | 0.014 g/l | Reference temperature | 20 °C |

## Solubility(ies)
No data available

## Partition coefficient: n-octanol/water
No data available

## Viscosity
No data available
9.2 Other information

Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Violent reaction with: ammonium compounds; Fluor; Reacts violently with acids.

10.4 Conditions to avoid

Heat

10.5 Incompatible materials

Fluorides; Acids

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute oral toxicity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>6450 mg/kg</td>
</tr>
<tr>
<td>Species rat</td>
<td></td>
</tr>
</tbody>
</table>

Acute dermal toxicity

No data available

Acute inhalational toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/irritation

Species rabbit Evaluation non-irritant

Respiratory or skin sensitisation

Route of exposure Skin Evaluation non-sensitizing

Germ cell mutagenicity

Type of examination Genotoxicity in vitro Method Ames-Test Source Literature value Evaluation negative

Reproduction toxicity

No data available

Carcinogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available
**Aspiration hazard**
No data available

**Symptoms related to the physical, chemical and toxicological characteristics**
Skin contact may cause mechanical irritation through dust particles. Eye contact may cause mechanical irritation through dust particles.

**Other information**
Exercise customary precautions when handling chemicals.

### SECTION 12: Ecological information

#### 12.1 Toxicity

- **Toxicity to fish (acute)**
  No data available

- **Toxicity to fish (chronic)**
  No data available

- **Toxicity to Daphnia (acute)**
  No data available

- **Toxicity to Daphnia (chronic)**
  No data available

- **Toxicity to algae (acute)**
  No data available

- **Toxicity to algae (chronic)**
  No data available

- **Bacteria toxicity**
  No data available

#### 12.2 Persistence and degradability
No data available.

#### 12.3 Bioaccumulative potential
No data available.

#### 12.4 Mobility in soil
No data available.

#### 12.5 Results of PBT and vPvB assessment
No data available.

#### 12.6 Other adverse effects
No data available.

#### 12.7 Other information

- Do not discharge product unmonitored into the environment.
- Ecological data are not available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

**Product**
Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**
Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.
SECTION 14: Transport information

14.1 Transport ADR/RID/ADN
The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG
The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA
The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information
No data available.

14.5 Environmental hazards
Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user
No data available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
Not relevant

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)
In accordance with the Reach regulation (EC) 1907/2006, the product does not contain any substances that are considered as subject to listing in annex XIV, inventory of substances requiring authorisation.

REACH candidate list of substances of very high concern (SVHC) for authorisation
In accordance with article 57 and article 59 of the Reach regulation (EC) 1907/2006, this substance is not considered as subject to listing in annex XIV, inventory of substances requiring authorisation ("Authorization list").

The substance is not subject to the provisions of annex XVII (restriction entries) of the Reach regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances
This substance is not subject to Part I or 2 of Annex I

15.2 Chemical safety assessment
A chemical safety assessment has been carried out for this substance.

SECTION 16: Other information

Further information
Article no. 90810, 100 g

Sources of key data used to compile the data sheet:
National Threshold Limit Values of the corresponding countries as amended in each case.
Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.
The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Department issuing safety data sheet
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Prod-ID 640085