

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



## Soda lime 2-4 mm, granulated , with indicator

article number: **8652**  
Version: **GHS 5.0 en**  
Replaces version of: 2021-09-07  
Version: (GHS 4)

date of compilation: 2016-10-18  
Revision: 2024-04-15

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

### 1.1 Product identifier

Identification of the substance **Soda lime 2-4 mm, granulated , with indicator**  
Article number 8652  
Alternative name(s) Calcaria natronata

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

Relevant identified uses: Laboratory chemical  
Laboratory and analytical use  
Uses advised against: Do not use for private purposes (household).  
Food, drink and animal feedingstuffs.

### 1.3 Details of the supplier of the safety data sheet

Carl Roth GmbH + Co. KG  
Schoemperlenstr. 3-5  
D-76185 Karlsruhe  
Germany

**Telephone:**+49 (0) 721 - 56 06 0  
**Telefax:** +49 (0) 721 - 56 06 149  
**e-mail:** sicherheit@carlroth.de  
**Website:** www.carlroth.de

Competent person responsible for the safety data sheet: Department Health, Safety and Environment

**e-mail (competent person):** sicherheit@carlroth.de

### 1.4 Emergency telephone number

| Name   | Street          | Postal code/city   | Telephone | Website |
|--|-----------------|--------------------|-----------|---------|
| NSW Poisons Information Centre<br>Childrens Hospital | Hawkesbury Road | 2145 Westmead, NSW | 131126    |         |

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification acc. to GHS

| Section | Hazard class  | Cat-egory | Hazard class and category | Hazard statement |
|---------|---|-----------|---------------------------|------------------|
| 2.16    | Substance or mixture corrosive to metals  | 1         | Met. Corr. 1              | H290             |
| 3.2     | Skin corrosion/irritation   | 2         | Skin Irrit. 2             | H315             |
| 3.3     | Serious eye damage/eye irritation   | 1         | Eye Dam. 1                | H318             |
| 3.8R    | Specific target organ toxicity - single exposure (respiratory tract irritation) | 3         | STOT SE 3                 | H335             |

For full text of abbreviations: see SECTION 16

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



## Soda lime 2-4 mm, granulated , with indicator

article number: 8652

### 2.2 Label elements

#### Labelling

#### Signal word

**Danger**

#### Pictograms

GHS05, GHS07



#### Hazard statements

|      |                                  |
|------|----------------------------------|
| H290 | May be corrosive to metals       |
| H315 | Causes skin irritation           |
| H318 | Causes serious eye damage        |
| H335 | May cause respiratory irritation |

#### Precautionary statements

##### **Precautionary statements - prevention**

|      |  |
|------|--|
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray |
| P280 | Wear protective gloves                           |

##### **Precautionary statements - response**

|                |   |
|----------------|---|
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water  |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing |
| P390           | Absorb spillage to prevent material damage  |

##### **Precautionary statements - storage**

|           |   |
|-----------|---|
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed |
|-----------|---|

##### **Precautionary statements - disposal**

|      |  |
|------|--|
| P501 | Dispose of contents/container to industrial combustion plant |
|------|--|

**Hazardous ingredients for labelling:** Calcium hydroxide, Sodium hydroxide

### 2.3 Other hazards

#### **Results of PBT and vPvB assessment**

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

#### **Endocrine disrupting properties**

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



Soda lime 2-4 mm, granulated , with indicator

article number: 8652

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

not relevant (mixture)

### 3.2 Mixtures

#### Description of the mixture

| Name of substance | Identifier                                    | Wt%     | Classification acc. to GHS                                      | Pictograms | Notes |
|-------------------|---|---------|---|------------|-------|
| Calcium hydroxide | CAS No<br>1305-62-0<br><br>EC No<br>215-137-3 | 78 - 84 | Skin Irrit. 2 / H315<br>Eye Dam. 1 / H318<br>STOT SE 3 / H335   |            |       |
| Sodium hydroxide  | CAS No<br>1310-73-2<br><br>EC No<br>215-185-5 | 2 - < 4 | Met. Corr. 1 / H290<br>Skin Corr. 1 / H314<br>Eye Dam. 1 / H318 |            |       |

#### Remarks

For full text of abbreviations: see SECTION 16

## SECTION 4: First aid measures

### 4.1 Description of first aid measures



#### General notes

Take off contaminated clothing.

#### Following inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

#### Following skin contact

Rinse skin with water/shower. In case of skin irritation, consult a physician.

#### Following eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

#### Following ingestion

Rinse mouth. Call a doctor if you feel unwell.

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

Risk of blindness, Risk of serious damage to eyes, Irritation, Cough, Dyspnoea

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

none

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



Soda lime 2-4 mm, granulated , with indicator

article number: 8652

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media



#### Suitable extinguishing media

co-ordinate firefighting measures to the fire surroundings!  
water, foam, alcohol resistant foam, dry extinguishing powder, ABC-powder

#### Unsuitable extinguishing media

water jet

### 5.2 Special hazards arising from the substance or mixture

Non-combustible.

#### Hazardous combustion products

In case of fire may be liberated: Nitrogen oxides (NOx)

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures



#### For non-emergency personnel

Avoid contact with skin, eyes and clothes. Do not breathe dust.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

### 6.3 Methods and material for containment and cleaning up

#### Advice on how to contain a spill

Covering of drains. Take up mechanically.

#### Advice on how to clean up a spill

Take up mechanically. Control of dust.

#### Other information relating to spills and releases

Place in appropriate containers for disposal.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



Soda lime 2-4 mm, granulated , with indicator

article number: 8652

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid dust formation.

#### Advice on general occupational hygiene

Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a dry place. Keep container tightly closed.

#### Incompatible substances or mixtures

Observe hints for combined storage.

#### Protect against external exposure, such as

contact with air/oxygen

#### Consideration of other advice:

#### Specific designs for storage rooms or vessels

Recommended storage temperature: 15 - 25 °C

### 7.3 Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### National limit values

#### Occupational exposure limit values (Workplace Exposure Limits)

| Country | Name of agent     | CAS No    | Identifier | TWA [mg/m <sup>3</sup> ] | STEL [mg/m <sup>3</sup> ] | Ceiling-C [mg/m <sup>3</sup> ] | Notation | Source |
|---------|-------------------|-----------|------------|--------------------------|---------------------------|--------------------------------|----------|--------|
| AU      | calcium hydroxide | 1305-62-0 | WES        | 5                        |                           |                                |          | WES    |
| AU      | sodium hydroxide  | 1310-73-2 | WES        |                          |                           | 2                              |          | WES    |

#### Notation

Ceiling-C

Ceiling value is a limit value above which exposure should not occur

STEL

Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA

Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

#### Relevant DNELs of components

| Name of substance | CAS No    | End-point | Threshold level     | Protection goal, route of exposure | Used in           | Exposure time           |
|-------------------|-----------|-----------|---------------------|------------------------------------|-------------------|-------------------------|
| Calcium hydroxide | 1305-62-0 | DNEL      | 1 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | chronic - local effects |
| Calcium hydroxide | 1305-62-0 | DNEL      | 4 mg/m <sup>3</sup> | human, inhalatory                  | worker (industry) | acute - local effects   |

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



## Soda lime 2-4 mm, granulated , with indicator

article number: 8652

| Relevant PNECs of components |           |           |                 |                       |                              |                              |
|------------------------------|-----------|-----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance            | CAS No    | End-point | Threshold level | Organism              | Environmental compartment    | Exposure time                |
| Calcium hydroxide            | 1305-62-0 | PNEC      | 0.49 mg/l       | aquatic organisms     | freshwater                   | short-term (single instance) |
| Calcium hydroxide            | 1305-62-0 | PNEC      | 0.32 mg/l       | aquatic organisms     | marine water                 | short-term (single instance) |
| Calcium hydroxide            | 1305-62-0 | PNEC      | 3 mg/l          | aquatic organisms     | sewage treatment plant (STP) | short-term (single instance) |
| Calcium hydroxide            | 1305-62-0 | PNEC      | 1,080 mg/kg     | terrestrial organisms | soil                         | short-term (single instance) |

### 8.2 Exposure controls

#### Individual protection measures (personal protective equipment)

##### Eye/face protection



Use safety goggle with side protection.

##### Skin protection



##### • hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. The times are approximate values from measurements at 22 ° C and permanent contact. Increased temperatures due to heated substances, body heat etc. and a reduction of the effective layer thickness by stretching can lead to a considerable reduction of the breakthrough time. If in doubt, contact manufacturer. At an approx. 1.5 times larger / smaller layer thickness, the respective breakthrough time is doubled / halved. The data apply only to the pure substance. When transferred to substance mixtures, they may only be considered as a guide.

##### • type of material

NBR (Nitrile rubber)

##### • material thickness

>0,11 mm

##### • breakthrough times of the glove material

>480 minutes (permeation: level 6)

##### • other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



## Soda lime 2-4 mm, granulated , with indicator

article number: 8652

### Respiratory protection



Respiratory protection necessary at: Dust formation. Particulate filter device (EN 143). P2 (filters at least 94 % of airborne particles, colour code: White).

### Environmental exposure controls

Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |  |
|--|--|
| Physical state   | solid  |
| Form   | granulate                                      |
| Colour   | white - light grey                             |
| Odour  | odourless                                      |
| Melting point/freezing point                             | not determined                                 |
| Boiling point or initial boiling point and boiling range | not determined                                 |
| Flammability   | non-combustible                                |
| Lower and upper explosion limit                          | not determined                                 |
| Flash point  | not applicable                                 |
| Auto-ignition temperature                                | not determined                                 |
| Decomposition temperature                                | not relevant                                   |
| pH (value)   | 11 – 12 (in aqueous solution: 50 g/l, 20 °C)   |
| Kinematic viscosity                                      | not relevant                                   |
| <u>Solubility(ies)</u>                                   |  |
| Water solubility   | 1 g/l at 20 °C                                 |
| <u>Partition coefficient</u>                             |  |
| Partition coefficient n-octanol/water (log value):       | not relevant (inorganic)                       |
| Vapour pressure  | not determined                                 |
| <u>Density and/or relative density</u>                   |  |
| Density  | not determined                                 |
| Relative vapour density                                  | Information on this property is not available. |
| Bulk density   | 730 – 930 kg/m <sup>3</sup>                    |

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



## Soda lime 2-4 mm, granulated , with indicator

article number: 8652

### Particle characteristics

Particle size 2 – 4 mm

### Other safety parameters

Oxidising properties none

## 9.2 Other information

Information with regard to physical hazard classes:

Corrosive to metals category 1: corrosive to metals

Other safety characteristics: There is no additional information.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Substance or mixture corrosive to metals.

### 10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

### 10.3 Possibility of hazardous reactions

**Violent reaction with:** Acids

### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

### 10.5 Incompatible materials

different metals

### 10.6 Hazardous decomposition products

Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

#### **Classification procedure**

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### **Classification acc. to GHS**

##### **Acute toxicity**

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4. May be harmful if swallowed or in contact with skin.



# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



## Soda lime 2-4 mm, granulated , with indicator

article number: 8652

| Acute toxicity of components |           |                          |          |               |         |
|------------------------------|-----------|--------------------------|----------|---------------|---------|
| Name of substance            | CAS No    | Exposure route           | Endpoint | Value         | Species |
| Calcium hydroxide            | 1305-62-0 | oral                     | LD50     | >2,000 mg/kg  | rat     |
| Calcium hydroxide            | 1305-62-0 | inhalation:<br>dust/mist | LC50     | >6.04 mg/l/4h | rat     |
| Calcium hydroxide            | 1305-62-0 | dermal                   | LD50     | >2,500 mg/kg  | rabbit  |

### Skin corrosion/irritation

Causes skin irritation.

### Serious eye damage/eye irritation

Causes serious eye damage.

### Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

### Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

### Carcinogenicity

Shall not be classified as carcinogenic.

### Reproductive toxicity

Shall not be classified as a reproductive toxicant.

### Specific target organ toxicity - single exposure

May cause respiratory irritation.

### Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

### Symptoms related to the physical, chemical and toxicological characteristics

#### • If swallowed

Data are not available.

#### • If in eyes

Causes serious eye damage, risk of blindness

#### • If inhaled

Irritation to respiratory tract, cough, Dyspnoea

#### • If on skin

causes skin irritation

#### • Other information

none

## 11.2 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



Soda lime 2-4 mm, granulated , with indicator

article number: 8652

## SECTION 12: Ecological information

### 12.1 Toxicity

Harmful to aquatic life.

| Aquatic toxicity (acute) of components |           |          |            |                       |               |
|--|-----------|----------|------------|-----------------------|---------------|
| Name of substance                      | CAS No    | Endpoint | Value      | Species               | Exposure time |
| Calcium hydroxide                      | 1305-62-0 | LC50     | 50.6 mg/l  | fish                  | 96 h          |
| Calcium hydroxide                      | 1305-62-0 | EC50     | 49.1 mg/l  | aquatic invertebrates | 48 h          |
| Calcium hydroxide                      | 1305-62-0 | ErC50    | 184.6 mg/l | algae                 | 72 h          |
| Sodium hydroxide                       | 1310-73-2 | LC50     | <180 mg/l  | fish                  | 96 h          |
| Sodium hydroxide                       | 1310-73-2 | EC50     | 40.4 mg/l  | aquatic invertebrates | 48 h          |

| Aquatic toxicity (chronic) of components |           |          |            |                       |               |
|--|-----------|----------|------------|-----------------------|---------------|
| Name of substance                        | CAS No    | Endpoint | Value      | Species               | Exposure time |
| Calcium hydroxide                        | 1305-62-0 | LC50     | 53.1 mg/l  | aquatic invertebrates | 14 d          |
| Calcium hydroxide                        | 1305-62-0 | EC50     | 300.4 mg/l | microorganisms        | 3 h           |
| Sodium hydroxide                         | 1310-73-2 | EC50     | 22 mg/l    | microorganisms        | 15 min        |

### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 12.4 Mobility in soil

Data are not available.

### 12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0,1\%$ .

### 12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of  $\geq 0,1\%$ .

### 12.7 Other adverse effects

Data are not available.

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



Soda lime 2-4 mm, granulated , with indicator

article number: 8652

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods



This material and its container must be disposed of as hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Sewage disposal-relevant information

Do not empty into drains.

#### Waste treatment of containers/packagings

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used. Handle contaminated packages in the same way as the substance itself. Completely emptied packages can be recycled.

#### Relevant provisions relating to waste(Basel Convention)

#### Properties of waste which render it hazardous

**H8** Corrosives  
**H11** Toxic (Delayed or chronic)

### 13.3 Remarks

Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities. Please consider the relevant national or regional provisions. Non-contaminated packages may be recycled.

## SECTION 14: Transport information

- |      |   |   |
|------|---|---|
| 14.1 | <b>UN number</b>  | not assigned  |
| 14.2 | <b>UN proper shipping name</b>  | not assigned  |
| 14.3 | <b>Transport hazard class(es)</b>   | not assigned  |
| 14.4 | <b>Packing group</b>  | not assigned  |
| 14.5 | <b>Environmental hazards</b>  | non-environmentally hazardous acc. to the dangerous goods regulations |
| 14.6 | <b>Special precautions for user</b>   | There is no additional information.                                   |
| 14.7 | <b>Transport in bulk according to IMO instruments</b>                                     | The cargo is not intended to be carried in bulk.                      |
| 14.8 | <b>Information for each of the UN Model Regulations</b>                                   |   |
|      | <b>Transport informationNational regulationsAdditional information(UN RTDG)</b>           | not assigned  |
|      | <b>International Maritime Dangerous Goods Code (IMDG) - Additional information</b>        | not assigned  |
|      | <b>International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information</b> | not assigned  |

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



## Soda lime 2-4 mm, granulated , with indicator

article number: 8652

### SECTION 15: Regulatory information

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

There is no additional information.

##### National regulations(Australia)

##### Australian Inventory of Chemical Substances(AICS)

All ingredients are listed or exempt from listing.

##### Other information

Directive 94/33/EC on the protection of young people at work. Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

##### National inventories

| Country | Inventory  | Status                              |
|---------|------------|-------------------------------------|
| AU      | AIIC       | all ingredients are listed          |
| CA      | DSL        | all ingredients are listed          |
| CN      | IECSC      | all ingredients are listed          |
| EU      | ECSI       | all ingredients are listed          |
| EU      | REACH Reg. | not all ingredients are listed      |
| JP      | CSCL-ENCS  | not all ingredients are listed      |
| JP      | ISHA-ENCS  | not all ingredients are listed      |
| KR      | KECI       | not all ingredients are listed      |
| MX      | INSQ       | not all ingredients are listed      |
| NZ      | NZIoC      | all ingredients are listed          |
| PH      | PICCS      | all ingredients are listed          |
| TR      | CICR       | not all ingredients are listed      |
| TW      | TCSI       | all ingredients are listed          |
| US      | TSCA       | all ingredients are listed (ACTIVE) |
| VN      | NCI        | all ingredients are listed          |

##### Legend

|            |   |
|------------|---|
| AIIC       | Australian Inventory of Industrial Chemicals                            |
| CICR       | Chemical Inventory and Control Regulation                               |
| CSCL-ENCS  | List of Existing and New Chemical Substances (CSCL-ENCS)                |
| DSL        | Domestic Substances List (DSL)  |
| ECSI       | EC Substance Inventory (EINECS, ELINCS, NLP)                            |
| IECSC      | Inventory of Existing Chemical Substances Produced or Imported in China |
| INSQ       | National Inventory of Chemical Substances                               |
| ISHA-ENCS  | Inventory of Existing and New Chemical Substances (ISHA-ENCS)           |
| KECI       | Korea Existing Chemicals Inventory                                      |
| NCI        | National Chemical Inventory   |
| NZIoC      | New Zealand Inventory of Chemicals                                      |
| PICCS      | Philippine Inventory of Chemicals and Chemical Substances (PICCS)       |
| REACH Reg. | REACH registered substances   |
| TCSI       | Taiwan Chemical Substance Inventory                                     |
| TSCA       | Toxic Substance Control Act   |

#### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



Soda lime 2-4 mm, granulated , with indicator

article number: 8652

## SECTION 16: Other information

### Indication of changes (revised safety data sheet)

| Section | Former entry (text/value)  | Actual entry (text/value)   | Safety-relevant |
|---------|--|---|-----------------|
| 2.1     |  | Classification acc. to GHS:<br>change in the listing (table)  | yes             |
| 2.1     | The most important adverse physicochemical, human health and environmental effects:<br>Skin corrosion produces an irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis. |   | yes             |
| 2.2     |  | Pictograms:<br>change in the listing (table)  | yes             |
| 2.2     |  | Hazard statements:<br>change in the listing (table)   | yes             |
| 2.2     |  | Precautionary statements - prevention:<br>change in the listing (table)   | yes             |
| 2.2     |  | Precautionary statements - response:<br>change in the listing (table)   | yes             |
| 2.2     |  | Precautionary statements - storage  | yes             |
| 2.2     |  | Precautionary statements - storage:<br>change in the listing (table)  | yes             |
| 2.2     | Hazardous ingredients for labelling:<br>Sodium hydroxide   | Hazardous ingredients for labelling:<br>Calcium hydroxide, Sodium hydroxide   | yes             |
| 2.3     | Results of PBT and vPvB assessment:<br>This mixture does not contain any substances that are assessed to be a PBT or a vPvB.   | Results of PBT and vPvB assessment:<br>Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0,1\%$ .    | yes             |
| 2.3     |  | Endocrine disrupting properties:<br>Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0,1\%$ . | yes             |
| 15.1    |  | National inventories:<br>change in the listing (table)  | yes             |

### Abbreviations and acronyms

| Abbr.     | Descriptions of used abbreviations  |
|-----------|---|
| CAS       | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)  |
| Ceiling-C | Ceiling value   |
| DGR       | Dangerous Goods Regulations (see IATA/DGR)  |
| DNEL      | Derived No-Effect Level   |
| EC50      | Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval  |
| EC No     | The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union) |
| ED        | Endocrine disruptor   |
| EINECS    | European Inventory of Existing Commercial Chemical Substances   |
| ELINCS    | European List of Notified Chemical Substances   |

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



## Soda lime 2-4 mm, granulated , with indicator

article number: **8652**

| Abbr.       | Descriptions of used abbreviations   |
|-------------|--|
| ErC50       | ≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control |
| Eye Dam.    | Seriously damaging to the eye  |
| Eye Irrit.  | Irritant to the eye  |
| GHS         | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations  |
| IATA        | International Air Transport Association  |
| IATA/DGR    | Dangerous Goods Regulations (DGR) for the air transport (IATA)   |
| ICAO        | International Civil Aviation Organization  |
| IMDG        | International Maritime Dangerous Goods Code  |
| LC50        | Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval                      |
| LD50        | Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval                                       |
| Met. Corr.  | Substance or mixture corrosive to metals   |
| NLP         | No-Longer Polymer  |
| PBT         | Persistent, Bioaccumulative and Toxic  |
| PNEC        | Predicted No-Effect Concentration  |
| Skin Corr.  | Corrosive to skin  |
| Skin Irrit. | Irritant to skin   |
| STEL        | Short-term exposure limit  |
| STOT SE     | Specific target organ toxicity - single exposure   |
| TWA         | Time-weighted average  |
| vPvB        | Very Persistent and very Bioaccumulative   |
| WES         | Safe Work Australia: Workplace exposure standards for airborne contaminants  |

### Key literature references and sources for data

Safe Work Australia's Code of Practice for Labelling of Workplace Hazardous Chemicals (under WHS Regulations).

UN Recommendations on the Transport of Dangerous Good. International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties. The classification is based on tested mixture.

Health hazards. Environmental hazards. The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in section 2 and 3)

# Safety data sheet Safety data sheet

acc. to Safe Work Australia - Code of Practice



## Soda lime 2-4 mm, granulated , with indicator

article number: **8652**

| Code | Text                                     |
|------|--|
| H290 | May be corrosive to metals.              |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation.                  |
| H318 | Causes serious eye damage.               |
| H335 | May cause respiratory irritation.        |

### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.