



## Safety Data Sheet according to (EC) No 1907/2006 as amended

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Ceresit CT 85

SDS No. : 208649  
V002.5

Revision: 26.04.2022

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Replaces version from: 10.10.2018

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

#### 1.1. Product identifier

Ceresit CT 85

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

Intended use:

Special product

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

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For Safety Data Sheet updates please visit our website <https://mysds.henkel.com/index.html#/appSelection> or [www.henkel-adhesives.com](http://www.henkel-adhesives.com).

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#### 1.4. Emergency telephone number

24 Hours Emergency Tel: +44 0 8701 906777 - For further general health & safety, technical and practical advice on this product, please call +44 (0) 1606 593933 or write to: Technical Services; Henkel Limited; Road 5; Winsford Industrial Estate; Winsford; Cheshire; CW7 3QY- Email: [technical.services@henkel.co.uk](mailto:technical.services@henkel.co.uk)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (CLP):

Serious eye damage Category 1

H318 Causes serious eye damage.

Skin irritation Category 2

H315 Causes skin irritation.

Specific target organ toxicity - single exposure Category 3

H335 May cause respiratory irritation.

#### 2.2. Label elements

##### Label elements (CLP):

**Hazard pictogram:****Contains**

Portland cement, low chromate

Flue dust, portland cement

**Signal word:**

Danger

**Hazard statement:**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

**Precautionary statement:**

P102 Keep out of reach of children.

P260 Do not breathe dust.

P280 Wear protective gloves/eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/ physician.

P302+P352 IF ON SKIN: Wash with plenty of water.

P313 Get medical advice/attention.

**Precautionary statement:**

P501 Dispose of contents/container in accordance with national regulation.

**Disposal****2.3. Other hazards**

Chromate-reduced. Contains cement. Strongly alkaline reaction with moisture, so protect skin and eyes.

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

**Following substances are present in a concentration  $\geq 0,1\%$  and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):**

This mixture does not contain any substances in concentration  $\geq$  the concentration limit that are assessed to be a PBT, vPvB or ED.

## SECTION 3: Composition/information on ingredients

**3.2. Mixtures****General chemical description:**

Adhesive mortar

**Base substances of preparation:**

Cement

Mineral fillers

**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

| <b>Hazardous components<br/>CAS-No.<br/>EC Number<br/>REACH-Reg No.</b>   | <b>Concentration</b> | <b>Classification</b>  | <b>Specific Conc. Limits, M-factors and ATEs</b>    | <b>Add. Information</b> |
|---|----------------------|--|---|-------------------------|
| Cement, portland, chemicals<br>65997-15-1<br>266-043-4                    | 20- 40 %             | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Eye Dam. 1, H318<br>STOT SE 3, H335 | Skin Irrit. 2; H315; C > 1 %<br>ED 1; H318; C > 1 % |                         |
| Quartz (SiO <sub>2</sub> ), <1% respirable<br>14808-60-7<br>238-878-4     | 60- 80 %             |  |   |                         |
| Flue dust, portland cement<br>68475-76-3<br>270-659-9<br>01-2119486767-17 | 1- < 3 %             | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Eye Dam. 1, H318<br>STOT SE 3, H335 |   |                         |
| Calcium dihydroxide<br>1305-62-0<br>215-137-3<br>01-2119475151-45         | 1- < 3 %             | Skin Irrit. 2, Dermal, H315<br>Eye Dam. 1, H318<br>STOT SE 3, Inhalation, H335   |   | EU OEL                  |

**For full text of the H - statements and other abbreviations see section 16 "Other information".  
Substances without classification may have community workplace exposure limits available.**

**SECTION 4: First aid measures****4.1. Description of first aid measures**

General information:

In case of adverse health effects seek medical advice.

Inhalation:

Remove person from dust-contaminated zone, seek medical advice if necessary.

Skin contact:

Rinse with running water and soap. Skin care. Remove contaminated clothes immediately.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.  
Do not rub eyes; mechanical action may cause corneal damage.

Ingestion:

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

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

SKIN: Redness, inflammation.

RESPIRATORY: Irritation, coughing, shortness of breath, chest tightness.

After eye contact: Corrosive, may cause permanent damage to eyes (impairment of vision).

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

See section: Description of first aid measures

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

**Suitable extinguishing media:**

carbon dioxide, foam, powder, water spray jet, fine water spray

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

**5.2. Special hazards arising from the substance or mixture**

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) can be released.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus.

Wear protective equipment.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment.

Avoid contact with skin and eyes.

Avoid dust formation.

**6.2. Environmental precautions**

Do not empty into drains / surface water / ground water.

Inform authorities in the event of product spillage to water courses or sewage systems.

**6.3. Methods and material for containment and cleaning up**

Remove mechanically.

Dispose of contaminated material as waste according to Section 13.

**6.4. Reference to other sections**

See advice in section 8

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Avoid dust formation.

Avoid skin and eye contact.

Hygiene measures:

Do not eat, drink or smoke while working.

Wash hands before work breaks and after finishing work.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in sealed original container protected against moisture.

Store in a cool, dry place.

Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

**7.3. Specific end use(s)**

Special product

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational Exposure Limits

Valid for  
Great Britain

| Ingredient [Regulated substance]  | ppm | mg/m <sup>3</sup> | Value type                        | Short term exposure limit category / Remarks | Regulatory list |
|---|-----|-------------------|-----------------------------------|--|-----------------|
| Quartz (SiO <sub>2</sub> )<br>14808-60-7<br>[SILICA, RESPIRABLE CRYSTALLINE]          |     | 0,1               | Time Weighted Average (TWA):      |  | EH40 WEL        |
| Quartz (SiO <sub>2</sub> )<br>14808-60-7<br>[RESPIRABLE CRYSTALLINE SILICA DUST]      |     | 0,1               | Time Weighted Average (TWA):      |  | EU OELIII       |
| Cement, portland, chemicals<br>65997-15-1<br>[PORTLAND CEMENT, INHALABLE DUST]        |     | 10                | Time Weighted Average (TWA):      |  | EH40 WEL        |
| Cement, portland, chemicals<br>65997-15-1<br>[PORTLAND CEMENT, RESPIRABLE DUST]       |     | 4                 | Time Weighted Average (TWA):      |  | EH40 WEL        |
| Calcium carbonate<br>471-34-1<br>[CALCIUM CARBONATE, INHALABLE DUST]                  |     | 10                | Time Weighted Average (TWA):      |  | EH40 WEL        |
| Calcium carbonate<br>471-34-1<br>[CALCIUM CARBONATE, RESPIRABLE DUST]                 |     | 4                 | Time Weighted Average (TWA):      |  | EH40 WEL        |
| Calcium carbonate<br>471-34-1<br>[LIMESTONE, RESPIRABLE MARBLE, RESPIRABLE]           |     | 4                 | Time Weighted Average (TWA):      |  | EH40 WEL        |
| Calcium carbonate<br>471-34-1<br>[LIMESTONE, TOTAL INHALABLE MARBLE, TOTAL INHALABLE] |     | 10                | Time Weighted Average (TWA):      |  | EH40 WEL        |
| Calcium carbonate<br>471-34-1<br>[Dust, inhalable dust]                               |     | 10                | Time Weighted Average (TWA):      |  | EH40 WEL        |
| Calcium carbonate<br>471-34-1<br>[Dust, respirable dust]                              |     | 4                 | Time Weighted Average (TWA):      |  | EH40 WEL        |
| Calcium dihydroxide<br>1305-62-0<br>[CALCIUM HYDROXIDE]                               |     | 5                 | Time Weighted Average (TWA):      |  | EH40 WEL        |
| Calcium dihydroxide<br>1305-62-0<br>[CALCIUM DIHYDROXIDE (RESPIRABLE FRACTION)]       |     | 4                 | Short Term Exposure Limit (STEL): | Indicative                                   | ECTLV           |
| Calcium dihydroxide<br>1305-62-0<br>[CALCIUM DIHYDROXIDE (RESPIRABLE FRACTION)]       |     | 1                 | Time Weighted Average (TWA):      | Indicative                                   | ECTLV           |
| Calcium dihydroxide<br>1305-62-0<br>[CALCIUM HYDROXIDE (RESPIRABLE FRACTION)]         |     | 1                 | Time Weighted Average (TWA):      |  | EH40 WEL        |
| Calcium dihydroxide<br>1305-62-0<br>[CALCIUM HYDROXIDE (RESPIRABLE FRACTION)]         |     | 4                 | Short Term Exposure Limit (STEL): | 15 minutes                                   | EH40 WEL        |

#### Occupational Exposure Limits

Valid for  
Ireland

| Ingredient [Regulated substance]  | ppm | mg/m <sup>3</sup> | Value type                        | Short term exposure limit category / Remarks | Regulatory list |
|---|-----|-------------------|-----------------------------------|--|-----------------|
| Quartz (SiO <sub>2</sub> )<br>14808-60-7<br>[RESPIRABLE CRYSTALLINE SILICA DUST]  |     | 0,1               | Time Weighted Average (TWA):      |  | EU OELIII       |
| Quartz (SiO <sub>2</sub> )<br>14808-60-7<br>[Silica, crystalline, respirable dust (Cristobalite, Quartz, Tridymite, Tripoli)] |     | 0,1               | Time Weighted Average (TWA):      | Binding OELV                                 | IR_OEL          |
| Cement, portland, chemicals<br>65997-15-1<br>[PORTLAND CEMENT (RESPIRABLE FRACTION)]  |     | 1                 | Time Weighted Average (TWA):      |  | IR_OEL          |
| Cement, portland, chemicals<br>65997-15-1<br>[PORTLAND CEMENT]  |     | 1                 | Time Weighted Average (TWA):      |  | IR_OEL          |
| Calcium carbonate<br>471-34-1<br>[CALCIUM CARBONATE]  |     | 4                 | Time Weighted Average (TWA):      |  | IR_OEL          |
| Calcium carbonate<br>471-34-1<br>[CALCIUM CARBONATE]  |     | 10                | Time Weighted Average (TWA):      |  | IR_OEL          |
| Calcium carbonate<br>471-34-1<br>[DUSTS NON-SPECIFIC]   |     | 4                 | Time Weighted Average (TWA):      |  | IR_OEL          |
| Calcium carbonate<br>471-34-1<br>[DUSTS NON-SPECIFIC]   |     | 10                | Time Weighted Average (TWA):      |  | IR_OEL          |
| Calcium dihydroxide<br>1305-62-0<br>[CALCIUM DIHYDROXIDE (RESPIRABLE FRACTION)]   |     | 4                 | Short Term Exposure Limit (STEL): | Indicative                                   | ECLTV           |
| Calcium dihydroxide<br>1305-62-0<br>[CALCIUM DIHYDROXIDE (RESPIRABLE FRACTION)]   |     | 1                 | Time Weighted Average (TWA):      | Indicative                                   | ECLTV           |
| Calcium dihydroxide<br>1305-62-0<br>[CALCIUM DIHYDROXIDE (RESPIRABLE FRACTION)]   |     | 4                 | Short Term Exposure Limit (STEL): | 15 minutes Indicative OELV                   | IR_OEL          |
| Calcium dihydroxide<br>1305-62-0<br>[CALCIUM DIHYDROXIDE (RESPIRABLE FRACTION)]   |     | 1                 | Time Weighted Average (TWA):      | Indicative OELV                              | IR_OEL          |
| Calcium dihydroxide<br>1305-62-0<br>[CALCIUM DIHYDROXIDE]   |     | 4                 | Short Term Exposure Limit (STEL): | 15 minutes Indicative OELV                   | IR_OEL          |
| Calcium dihydroxide<br>1305-62-0<br>[CALCIUM DIHYDROXIDE]   |     | 1                 | Time Weighted Average (TWA):      | Indicative OELV                              | IR_OEL          |

**Predicted No-Effect Concentration (PNEC):**

| Name on list                     | Environmental Compartment    | Exposure period | Value     |     |            |        | Remarks |
|----------------------------------|------------------------------|-----------------|-----------|-----|------------|--------|---------|
|                                  |                              |                 | mg/l      | ppm | mg/kg      | others |         |
| Calcium dihydroxide<br>1305-62-0 | aqua (freshwater)            |                 | 0,49 mg/l |     |            |        |         |
| Calcium dihydroxide<br>1305-62-0 | aqua (marine water)          |                 | 0,32 mg/l |     |            |        |         |
| Calcium dihydroxide<br>1305-62-0 | aqua (intermittent releases) |                 | 0,49 mg/l |     |            |        |         |
| Calcium dihydroxide<br>1305-62-0 | sewage treatment plant (STP) |                 | 3 mg/l    |     |            |        |         |
| Calcium dihydroxide<br>1305-62-0 | Soil                         |                 |           |     | 1080 mg/kg |        |         |

**Derived No-Effect Level (DNEL):**

| Name on list                     | Application Area   | Route of Exposure | Health Effect                             | Exposure Time | Value               | Remarks |
|----------------------------------|--------------------|-------------------|---|---------------|---------------------|---------|
| Calcium dihydroxide<br>1305-62-0 | Workers            | Inhalation        | Acute/short term exposure - local effects |               | 4 mg/m <sup>3</sup> |         |
| Calcium dihydroxide<br>1305-62-0 | Workers            | Inhalation        | Long term exposure - local effects        |               | 1 mg/m <sup>3</sup> |         |
| Calcium dihydroxide<br>1305-62-0 | General population | Inhalation        | Acute/short term exposure - local effects |               | 4 mg/m <sup>3</sup> |         |
| Calcium dihydroxide<br>1305-62-0 | General population | Inhalation        | Long term exposure - local effects        |               | 1 mg/m <sup>3</sup> |         |

**Biological Exposure Indices:**

None

**8.2. Exposure controls:****Respiratory protection:**

In case of dust formation, we recommend wearing of appropriate respiratory protection equipment with particle filter P (EN 14387).

This recommendation should be matched to local conditions.

**Hand protection:**

In the case of longer contact protective gloves made from nitrile rubber are recommended according to EN 374. material thickness > 0.1 mm

Perforation time > 480 minutes

In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, product compatibility, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. The information provided by the manufacturers and given in the relevant trade association regulations for industrial safety must always be observed. We recommend that a hand care plan is drawn up in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

**Eye protection:**

Goggles which can be tightly sealed.

Protective eye equipment should conform to EN166.

**Skin protection:**

Dustproof working clothes.

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

**Advices to personal protection equipment:**

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions.

Personal protective equipment should conform to the relevant EN standard.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

|   |   |
|---|---|
| Physical state  | solid   |
| Delivery form   | powder  |
| Colour  | grey  |
| Odor  | odourless   |
| Explosive limits  | Not applicable, Product is a solid.   |
| Flash point   | Not applicable, Product is a solid.   |
| pH  | Not available., Product is non-soluble (in water).                          |
| Viscosity (kinematic)                                       | Not applicable, Product is a solid.   |
| Solubility (qualitative)<br>(20 °C (68 °F); Solvent: Water) | practically insoluble in water -hydraulically setting at influence of water |

Bulk density 1,07 - 1,33 g/l no method  
 Relative vapour density: Not applicable, Product is a solid.

## 9.2. Other information

Other information not applicable for this product

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reaction with acids: production of heat and carbon dioxide.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

See section reactivity

### 10.4. Conditions to avoid

None if used for intended purpose.

### 10.5. Incompatible materials

See section reactivity.

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

### 1.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                             | Value<br>type | Value         | Species | Method                                   |
|---|---------------|---------------|---------|--|
| Quartz (SiO <sub>2</sub> ), <1%<br>respirable<br>14808-60-7 | LD50          | > 5.050 mg/kg | rat     | not specified                            |
| Calcium dihydroxide<br>1305-62-0                            | LD50          | > 7.340 mg/kg | rat     | OECD Guideline 401 (Acute Oral Toxicity) |

#### Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                             | Value<br>type | Value         | Species       | Method                                     |
|---|---------------|---------------|---------------|--|
| Cement, portland,<br>chemicals<br>65997-15-1                | LD50          | > 2.000 mg/kg | rabbit        | Limit Test                                 |
| Quartz (SiO <sub>2</sub> ), <1%<br>respirable<br>14808-60-7 | LD50          | > 2.000 mg/kg | not specified | not specified                              |
| Calcium dihydroxide<br>1305-62-0                            | LD50          | > 2.500 mg/kg | rat           | OECD Guideline 402 (Acute Dermal Toxicity) |



**Acute inhalative toxicity:**

No data available.

**Skin corrosion/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.  | Result     | Exposure<br>time | Species | Method   |
|----------------------------------|------------|------------------|---------|--|
| Calcium dihydroxide<br>1305-62-0 | irritating | 4 h              | rabbit  | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |

**Serious eye damage/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.  | Result  | Exposure<br>time | Species | Method  |
|----------------------------------|---|------------------|---------|---|
| Calcium dihydroxide<br>1305-62-0 | Category 1<br>(irreversible<br>effects on the<br>eye) |                  | rabbit  | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |

**Respiratory or skin sensitization:**

Chromate-reduced. Does not need to be labeled as causing skin sensitization.

No substance data available.

**Germ cell mutagenicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.  | Result   | Type of study /<br>Route of<br>administration          | Metabolic<br>activation /<br>Exposure time | Species | Method  |
|----------------------------------|----------|--|--|---------|---|
| Calcium dihydroxide<br>1305-62-0 | negative | bacterial reverse<br>mutation assay (e.g<br>Ames test) | with and without                           |         | OECD Guideline 471<br>(Bacterial Reverse Mutation<br>Assay) |

**Carcinogenicity**

No data available.

**Reproductive toxicity:**

No data available.

**STOT-single exposure:**

No data available.

**STOT-repeated exposure::**

No data available.

**Aspiration hazard:**

No data available.

**11.2 Information on other hazards**

not applicable

**SECTION 12: Ecological information****General ecological information:**

Do not empty into drains, soil or bodies of water.

Due to the practical insolubility in water a separation takes place with each filtration and sedimentation procedure.

**12.1. Toxicity****Toxicity (Fish):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                          | Value<br>type | Value         | Exposure time | Species                                      | Method  |
|--|---------------|---------------|---------------|--|---|
| Cement, portland, chemicals<br>65997-15-1                | LC50          | > 10.000 mg/l | 96 h          | Brachydanio rerio (new name:<br>Danio rerio) | OECD Guideline 203 (Fish,<br>Acute Toxicity Test) |
| Quartz (SiO <sub>2</sub> ), <1% respirable<br>14808-60-7 | LC50          | > 1.000 mg/l  | 96 h          | not specified                                | OECD Guideline 203 (Fish,<br>Acute Toxicity Test) |
| Calcium dihydroxide<br>1305-62-0                         | LC50          | 50,6 mg/l     | 96 h          | Oncorhynchus mykiss                          | OECD Guideline 203 (Fish,<br>Acute Toxicity Test) |

**Toxicity (Daphnia):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                          | Value<br>type | Value         | Exposure time | Species       | Method   |
|--|---------------|---------------|---------------|---------------|--|
| Cement, portland, chemicals<br>65997-15-1                | EC50          | > 10.000 mg/l | 24 h          | Daphnia magna | OECD Guideline 202<br>(Daphnia sp. Acute<br>Immobilisation Test) |
| Quartz (SiO <sub>2</sub> ), <1% respirable<br>14808-60-7 | EC50          | > 1.000 mg/l  | 48 h          | Daphnia magna | OECD Guideline 202<br>(Daphnia sp. Acute<br>Immobilisation Test) |
| Calcium dihydroxide<br>1305-62-0                         | EC50          | 49,1 mg/l     | 48 h          | Daphnia magna | OECD Guideline 202<br>(Daphnia sp. Acute<br>Immobilisation Test) |

**Chronic toxicity to aquatic invertebrates**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.  | Value<br>type | Value   | Exposure time | Species               | Method   |
|----------------------------------|---------------|---------|---------------|-----------------------|--|
| Calcium dihydroxide<br>1305-62-0 | NOEC          | 32 mg/l | 14 d          | Crangon septemspinosa | OECD Guideline 202<br>(Daphnia sp. Chronic<br>Immobilisation Test) |

**Toxicity (Algae):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                          | Value<br>type | Value        | Exposure time | Species   | Method   |
|--|---------------|--------------|---------------|---|--|
| Cement, portland, chemicals<br>65997-15-1                | NOEC          | 60 mg/l      | 72 h          | Selenastrum capricornutum<br>(new name: Pseudokirchneriella<br>subcapitata) | ISO 8692 (Water Quality)                             |
| Cement, portland, chemicals<br>65997-15-1                | EC50          | 440 mg/l     | 72 h          | Selenastrum capricornutum<br>(new name: Pseudokirchneriella<br>subcapitata) | ISO 8692 (Water Quality)                             |
| Quartz (SiO <sub>2</sub> ), <1% respirable<br>14808-60-7 | EC50          | > 1.000 mg/l | 72 h          | not specified   | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |
| Calcium dihydroxide<br>1305-62-0                         | EC50          | 184,57 mg/l  | 72 h          | Pseudokirchneriella subcapitata   | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |
| Calcium dihydroxide<br>1305-62-0                         | NOEC          | 48 mg/l      | 72 h          | Pseudokirchneriella subcapitata   | OECD Guideline 201 (Alga,<br>Growth Inhibition Test) |

### Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

| Hazardous substances<br>CAS-No.                          | Value<br>type | Value        | Exposure time | Species  | Method   |
|--|---------------|--------------|---------------|--|--|
| Cement, portland, chemicals<br>65997-15-1                | EC0           | 10.000 mg/l  | 30 min        | Pseudomonas putida                                     | DIN 38412, part 27<br>(Bacterial oxygen<br>consumption test)             |
| Quartz (SiO <sub>2</sub> ), <1% respirable<br>14808-60-7 | EC0           | > 1.000 mg/l | 3 h           | not specified  | OECD Guideline 209<br>(Activated Sludge,<br>Respiration Inhibition Test) |
| Calcium dihydroxide<br>1305-62-0                         | EC20          | 229,2 mg/l   | 3 h           | activated sludge of a<br>predominantly domestic sewage | OECD Guideline 209<br>(Activated Sludge,<br>Respiration Inhibition Test) |

### 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

| Hazardous substances<br>CAS-No.                          | PBT / vPvB  |
|--|---|
| Cement, portland, chemicals<br>65997-15-1                | According to Annex XIII of regulation (EC) 1907/2006 a PBT and vPvB assessment shall not be conducted for inorganic substances. |
| Quartz (SiO <sub>2</sub> ), <1% respirable<br>14808-60-7 | According to Annex XIII of regulation (EC) 1907/2006 a PBT and vPvB assessment shall not be conducted for inorganic substances. |
| Flue dust, portland cement<br>68475-76-3                 | According to Annex XIII of regulation (EC) 1907/2006 a PBT and vPvB assessment shall not be conducted for inorganic substances. |
| Calcium dihydroxide<br>1305-62-0                         | Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.           |

### 12.6. Endocrine disrupting properties

not applicable

### 12.7. Other adverse effects

No data available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

Waste code

170106

**SECTION 14: Transport information****14.1. UN number**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.2. UN proper shipping name**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.3. Transport hazard class(es)**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.4. Packing group**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.5. Environmental hazards**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.6. Special precautions for user**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

|   |                |
|---|----------------|
| Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009): | Not applicable |
| Prior Informed Consent (PIC) (Regulation (EU) No 649/2012):     | Not applicable |
| Persistent organic pollutants (Regulation (EU) 2019/1021):      | Not applicable |

**15.2. Chemical safety assessment**

A chemical safety assessment has not been carried out.

**SECTION 16: Other information**

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

|             |   |
|-------------|---|
| ED:         | Substance identified as having endocrine disrupting properties  |
| EU OEL:     | Substance with a Union workplace exposure limit   |
| EU EXPLD 1: | Substance listed in Annex I, Reg (EC) No. 2019/1148   |
| EU EXPLD 2  | Substance listed in Annex II, Reg (EC) No. 2019/1148  |
| SVHC:       | Substance of very high concern (REACH Candidate List)   |
| PBT:        | Substance fulfilling persistent, bioaccumulative and toxic criteria   |
| PBT/vPvB:   | Substance fulfilling persistent, bioaccumulative and toxic plus very persistent and very bioaccumulative criteria |
| vPvB:       | Substance fulfilling very persistent and very bioaccumulative criteria  |

**Further information:**

This Safety Data Sheet has been produced for sales from Henkel to parties purchasing from Henkel, is based on Regulation (EC) No 1907/2006 and provides information in accordance with applicable regulations of the European Union only. In that respect, no statement, warranty or representation of any kind is given as to compliance with any statutory laws or regulations of any other jurisdiction or territory other than the European Union. When exporting to territories other than the European Union, please consult with the respective Safety Data Sheet of the concerned territory to ensure compliance or liaise with Henkel's Product Safety and Regulatory Affairs Department (ua-productsafety.de@henkel.com) prior to export to other territories than the European Union.

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

**Relevant changes in this safety data sheet are indicated by vertical lines at the left margin in the body of this document. Corresponding text is displayed in a different color on shadowed fields.**