



# Safety Data Sheet

According to Regulation (EC) No 1907/2006

R7

Revision: 2021-02-07

Version: 06.1

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

### 1.1 Product identifier

Trade name: R7

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

**Product use:** Hard surface cleaner.  
For professional use only.  
**Uses advised against:** Uses other than those identified are not recommended.

SWED - Sector-specific worker exposure description :

AISE\_SWED\_PW\_10\_1

AISE\_SWED\_PW\_19\_1

UFI: UY75-E0MG-X006-6AG7

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

Diversey Europe Operations BV, Maarssenbroeksedijk 2, 3542DN Utrecht, The Netherlands

### Contact details

Diversey Ltd

Weston Favell Centre, Northampton NN3 8PD, United Kingdom

Tel: 01604 405311, Fax: 01604 406809

Regulatory Email: customerservice.uk@diversey.com

### 1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible)

For medical or environmental emergency only:

call 0800 052 0185

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Eye Irrit. 2 (H319)

### 2.2 Label elements



**Signal word:** Warning.

Contains 2-phenoxyethanol (Phenoxyethanol)

### Hazard statements:

H319 - Causes serious eye irritation.

### Further indications on the label:

Contains: preservative.

### 2.3 Other hazards

No other hazards known.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

| Ingredient(s) | EC number | CAS number | REACH number | Classification | Notes | Weight |
|---------------|-----------|------------|--------------|----------------|-------|--------|
|---------------|-----------|------------|--------------|----------------|-------|--------|

|                                 |           |            |                  |  | percent |
|---------------------------------|-----------|------------|------------------|--|---------|
| calcium carbonate               | 207-439-9 | 471-34-1   | 01-2119486795-18 | Not classified   | 20-30   |
| sodium dodecylbenzenesulphonate | 246-680-4 | 25155-30-0 | 01-2119489428-22 | Acute Tox. 4 (H302)<br>Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>Aquatic Chronic 3 (H412)   | 3-10    |
| sodium carbonate                | 207-838-8 | 497-19-8   | 01-2119485498-19 | Eye Irrit. 2 (H319)  | 1-3     |
| Alcohols, C12-15, ethoxylated   | [4]       | 68131-39-5 | [4]              | Acute Tox. 4 (H302)<br>Eye Dam. 1 (H318)<br>Aquatic Acute 1 (H400)<br>Aquatic Chronic 3 (H412) | 1-3     |

Workplace exposure limit(s), if available, are listed in subsection 8.1.

ATE, if available, are listed in section 11.

[4] Exempted: polymer. See Article 2(9) of Regulation (EC) No 1907/2006.

[6] Exempted: biocidal active. See Article 15a of Regulation (EC) No 1907/2006.

For the full text of the H and EUH phrases mentioned in this Section, see Section 16..

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

|  |  |
|--|--|
| <b>Inhalation:</b>                     | Get medical attention or advice if you feel unwell.  |
| <b>Skin contact:</b>                   | Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice or attention.   |
| <b>Eye contact:</b>                    | Hold eyelids apart and flush eyes with plenty of lukewarm water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs and persists, get medical attention. |
| <b>Ingestion:</b>                      | Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious person. Get medical attention or advice if you feel unwell.  |
| <b>Self-protection of first aider:</b> | Consider personal protective equipment as indicated in subsection 8.2.   |

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

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | No known effects or symptoms in normal use. |
| <b>Skin contact:</b> | No known effects or symptoms in normal use. |
| <b>Eye contact:</b>  | Causes severe irritation.                   |
| <b>Ingestion:</b>    | No known effects or symptoms in normal use. |

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

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

No special hazards known.

### 5.3 Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

## SECTION 6: Accidental release measures

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

No special measures required.

### 6.2 Environmental precautions

Do not allow to enter drainage system, surface or ground water. Dilute with plenty of water.

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

Dike to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Do not place spilled materials back into the original container. Collect in closed and suitable containers for disposal.

### 6.4 Reference to other sections

For personal protective equipment see subsection 8.2. For disposal considerations see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

**Measures to prevent fire and explosions:**

No special precautions required.

**Measures required to protect the environment:**

For environmental exposure controls see subsection 8.2.

**Advices on general occupational hygiene:**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless advised by Diversey. Wash hands before breaks and at the end of workday. Use only with adequate ventilation. See chapter 8.2, Exposure controls / Personal protection.

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

Store in accordance with local and national regulations. Store in a closed container. Keep only in original packaging. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

**7.3 Specific end use(s)**

No specific advice for end use available.

## SECTION 8: Exposure controls/personal protection

**8.1 Control parameters****Workplace exposure limits**

Air limit values, if available:

| Ingredient(s)     | UK - Long term value(s)  | UK - Short term value(s)  |
|-------------------|--|---|
| calcium carbonate | 10 mg/m <sup>3</sup> inhalable dust<br>4 mg/m <sup>3</sup> respirable dust | 30 mg/m <sup>3</sup> inhalable dust<br>12 mg/m <sup>3</sup> respirable dust |

Biological limit values, if available:

**Recommended monitoring procedures, if available:**

Additional exposure limits under the conditions of use, if available:

**DNEL/DMEL and PNEC values****Human exposure**

DNEL oral exposure - Consumer (mg/kg bw)

| Ingredient(s)                   | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|---------------------------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| calcium carbonate               | No data available          | No data available             | No data available         | No data available            |
| sodium dodecylbenzenesulphonate | No data available          | No data available             | No data available         | 13                           |
| sodium carbonate                | -                          | -                             | -                         | -                            |
| Alcohols, C12-15, ethoxylated   | No data available          | No data available             | No data available         | No data available            |

DNEL dermal exposure - Worker

| Ingredient(s)                   | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |
|---------------------------------|----------------------------|--|---------------------------|---|
| calcium carbonate               | No data available          | No data available                        | No data available         | No data available                       |
| sodium dodecylbenzenesulphonate | No data available          | No data available                        | No data available         | No data available                       |
| sodium carbonate                | -                          | -  | No data available         | -                                       |
| Alcohols, C12-15, ethoxylated   | No data available          | No data available                        | No data available         | No data available                       |

DNEL dermal exposure - Consumer

| Ingredient(s)                   | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |
|---------------------------------|----------------------------|--|---------------------------|---|
| calcium carbonate               | No data available          | No data available                        | No data available         | No data available                       |
| sodium dodecylbenzenesulphonate | No data available          | No data available                        | No data available         | No data available                       |
| sodium carbonate                | No data available          | -  | No data available         | -                                       |
| Alcohols, C12-15, ethoxylated   | No data available          | No data available                        | No data available         | No data available                       |

DNEL inhalatory exposure - Worker (mg/m<sup>3</sup>)

| Ingredient(s)                   | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|---------------------------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| calcium carbonate               | No data available          | No data available             | No data available         | No data available            |
| sodium dodecylbenzenesulphonate | No data available          | No data available             | No data available         | 52                           |
| sodium carbonate                | -                          | -                             | 10                        | -                            |
| Alcohols, C12-15, ethoxylated   | No data available          | No data available             | No data available         | No data available            |

DNEL inhalatory exposure - Consumer (mg/m<sup>3</sup>)

| Ingredient(s)                   | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|---------------------------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| calcium carbonate               | No data available          | No data available             | No data available         | No data available            |
| sodium dodecylbenzenesulphonate | No data available          | No data available             | No data available         | No data available            |
| sodium carbonate                | 10                         | -                             | -                         | -                            |
| Alcohols, C12-15, ethoxylated   | No data available          | No data available             | No data available         | No data available            |

**Environmental exposure**

Environmental exposure - PNEC

| Ingredient(s)                   | Surface water, fresh (mg/l) | Surface water, marine (mg/l) | Intermittent (mg/l) | Sewage treatment plant (mg/l) |
|---------------------------------|-----------------------------|------------------------------|---------------------|-------------------------------|
| calcium carbonate               | No data available           | No data available            | No data available   | No data available             |
| sodium dodecylbenzenesulphonate | No data available           | No data available            | No data available   | No data available             |
| sodium carbonate                | -                           | -                            | -                   | -                             |
| Alcohols, C12-15, ethoxylated   | No data available           | No data available            | No data available   | No data available             |

Environmental exposure - PNEC, continued

| Ingredient(s)                   | Sediment, freshwater (mg/kg) | Sediment, marine (mg/kg) | Soil (mg/kg)      | Air (mg/m <sup>3</sup> ) |
|---------------------------------|------------------------------|--------------------------|-------------------|--------------------------|
| calcium carbonate               | No data available            | No data available        | No data available | No data available        |
| sodium dodecylbenzenesulphonate | No data available            | No data available        | No data available | No data available        |
| sodium carbonate                | -                            | -                        | -                 | -                        |
| Alcohols, C12-15, ethoxylated   | No data available            | No data available        | No data available | No data available        |

**8.2 Exposure controls**

The following information applies for the uses indicated in subsection 1.2 of the Safety Data Sheet.  
If available, please refer to the product information sheet for application and handling instructions.  
Normal use conditions are assumed for this section.

Recommended safety measures for handling the undiluted product:

**Appropriate engineering controls:** No special requirements under normal use conditions.  
**Appropriate organisational controls:** Avoid direct contact and/or splashes where possible. Train personnel.

**REACH use scenarios considered for the undiluted product:**

| Contributing scenario, undiluted                  | SWED - Sector-specific worker exposure description | LCS | PROC    | Duration (min) | ERC   |
|---|--|-----|---------|----------------|-------|
| Manual application by brushing, wiping or mopping | AISE_SWED_PW_10_1                                  | PW  | PROC 10 | 480            | ERC8a |
| Manual application                                | AISE_SWED_PW_19_1                                  | PW  | PROC 19 | 480            | ERC8a |

**Personal protective equipment**

**Eye / face protection:** Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product (EN 166).

**Hand protection:** No special requirements under normal use conditions.

**Body protection:** No special requirements under normal use conditions.

**Respiratory protection:** No special requirements under normal use conditions.

**Environmental exposure controls:** No special requirements under normal use conditions.

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

Information in this section refers to the product, unless it is specifically stated that substance data is listed

**Method / remark**

**Physical State:** Liquid

**Colour:** Hazy , White

**Odour:** Product specific

**Odour threshold:** Not applicable

**Melting point/freezing point (°C):** 999

**Initial boiling point and boiling range (°C):** Not determined

Not relevant to classification of this product  
See substance data

Substance data, boiling point

| Ingredient(s)                   | Value (°C)        | Method | Atmospheric pressure (hPa) |
|---------------------------------|-------------------|--------|----------------------------|
| calcium carbonate               | No data available |        |                            |
| sodium dodecylbenzenesulphonate | No data available |        |                            |

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|                               |                   |                  |      |
|-------------------------------|-------------------|------------------|------|
| sodium carbonate              | 1600              | Method not given | 1013 |
| Alcohols, C12-15, ethoxylated | No data available |                  |      |

**Method / remark****Flammability (solid, gas):** Not applicable to liquids**Flammability (liquid):** Not flammable.**Flash point (°C):** Not applicable.**Sustained combustion:** Not applicable.

( UN Manual of Tests and Criteria, section 32, L.2 )

**Lower and upper explosion limit/flammability limit (%):** Not determined

See substance data

Substance data, flammability or explosive limits, if available:

**Method / remark****Autoignition temperature:** Not determined**Decomposition temperature:** Not applicable.**pH** ≈ 11 (neat)**Kinematic viscosity:** ≈ 500 mPa.s (20 °C)**Solubility in / Miscibility with Water:** Fully miscible

ISO 4316

DM-006 Viscosity - Additional

Substance data, solubility in water

| Ingredient(s)                   | Value (g/l)       | Method           | Temperature (°C) |
|---------------------------------|-------------------|------------------|------------------|
| calcium carbonate               | No data available |                  |                  |
| sodium dodecylbenzenesulphonate | No data available |                  |                  |
| sodium carbonate                | 210-215           | Method not given | 20               |
| Alcohols, C12-15, ethoxylated   | No data available |                  |                  |

Substance data, partition coefficient n-octanol/water (log Kow): see subsection 12.3

**Method / remark****Vapour pressure:** Not determined

See substance data

Substance data, vapour pressure

| Ingredient(s)                   | Value (Pa)        | Method | Temperature (°C) |
|---------------------------------|-------------------|--------|------------------|
| calcium carbonate               | No data available |        |                  |
| sodium dodecylbenzenesulphonate | No data available |        |                  |
| sodium carbonate                | Negligible        |        |                  |
| Alcohols, C12-15, ethoxylated   | No data available |        |                  |

**Method / remark****Relative density:** ≈ 1.20 (20 °C)**Relative vapour density:** -.**Particle characteristics:** No data available.

OECD 109 (EU A.3)

Not relevant to classification of this product

Not applicable to liquids.

**9.2 Other information****9.2.1 Information with regard to physical hazard classes****Explosive properties:** Not explosive.**Oxidising properties:** Not oxidising.**Corrosion to metals:** Not corrosive

Weight of evidence

**9.2.2 Other safety characteristics**

No other relevant information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

No reactivity hazards known under normal storage and use conditions.

**10.2 Chemical stability**

Stable under normal storage and use conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known under normal storage and use conditions.

**10.4 Conditions to avoid**

None known under normal storage and use conditions.

**10.5 Incompatible materials**

Reacts with acids.

**10.6 Hazardous decomposition products**

None known under normal storage and use conditions.

**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

Mixture data:.

**Relevant calculated ATE(s):**

ATE - Oral (mg/kg): &gt;2000

**Eye irritation and corrosivity****Result:** Eye irritant 2**Method:** Weight of evidence

Substance data, where relevant and available, are listed below:.

**Acute toxicity**

Acute oral toxicity

| Ingredient(s)                   | Endpoint         | Value (mg/kg)     | Species | Method                                   | Exposure time (h) | ATE (mg/kg)     |
|---------------------------------|------------------|-------------------|---------|--|-------------------|-----------------|
| calcium carbonate               |                  | No data available |         |  |                   | Not established |
| sodium dodecylbenzenesulphonate | LD <sub>50</sub> | 650               | Rat     | Non guideline test<br>Weight of evidence |                   | 11000           |
| sodium carbonate                | LD <sub>50</sub> | 2800              | Rat     | OECD 401 (EU B.1)                        |                   | 160000          |
| Alcohols, C12-15, ethoxylated   | LD <sub>50</sub> | >300 - <=2000     | Rat     | Method not given                         |                   | 41000           |

Acute dermal toxicity

| Ingredient(s)                   | Endpoint         | Value (mg/kg)     | Species | Method           | Exposure time (h) | ATE (mg/kg)     |
|---------------------------------|------------------|-------------------|---------|------------------|-------------------|-----------------|
| calcium carbonate               |                  | No data available |         |                  |                   | Not established |
| sodium dodecylbenzenesulphonate | LD <sub>50</sub> | > 2000            | Rat     |                  |                   | Not established |
| sodium carbonate                | LD <sub>50</sub> | > 2000            | Rabbit  | Method not given |                   | Not established |
| Alcohols, C12-15, ethoxylated   | LD <sub>50</sub> | >300 - <=2000     | Rabbit  | Method not given |                   | Not established |

Acute inhalative toxicity

| Ingredient(s)                   | Endpoint         | Value (mg/l)      | Species | Method             | Exposure time (h) |
|---------------------------------|------------------|-------------------|---------|--------------------|-------------------|
| calcium carbonate               |                  | No data available |         |                    |                   |
| sodium dodecylbenzenesulphonate |                  | No data available |         |                    |                   |
| sodium carbonate                | LC <sub>50</sub> | > 2.3 (dust)      |         | Weight of evidence | 2                 |
| Alcohols, C12-15, ethoxylated   |                  | No data available |         |                    |                   |

Acute inhalative toxicity, continued

| Ingredient(s)                   | ATE - inhalation, dust (mg/l) | ATE - inhalation, mist (mg/l) | ATE - inhalation, vapour (mg/l) | ATE - inhalation, gas (mg/l) |
|---------------------------------|-------------------------------|-------------------------------|---------------------------------|------------------------------|
| calcium carbonate               | Not established               | Not established               | Not established                 | Not established              |
| sodium dodecylbenzenesulphonate | Not established               | Not established               | Not established                 | Not established              |
| sodium carbonate                | Not established               | Not established               | Not established                 | Not established              |
| Alcohols, C12-15, ethoxylated   | Not established               | Not established               | Not established                 | Not established              |

**Irritation and corrosivity**

Skin irritation and corrosivity

| Ingredient(s)                   | Result            | Species | Method            | Exposure time |
|---------------------------------|-------------------|---------|-------------------|---------------|
| calcium carbonate               | No data available |         |                   |               |
| sodium dodecylbenzenesulphonate | Irritant          |         |                   |               |
| sodium carbonate                | Not irritant      | Rabbit  | OECD 404 (EU B.4) |               |
| Alcohols, C12-15, ethoxylated   | Mild irritant     |         |                   |               |

Eye irritation and corrosivity

| Ingredient(s)     | Result            | Species | Method | Exposure time |
|-------------------|-------------------|---------|--------|---------------|
| calcium carbonate | No data available |         |        |               |

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|---------------------------------|---------------|--------|-------------------|--|
| sodium dodecylbenzenesulphonate | Corrosive     |        |                   |  |
| sodium carbonate                | Irritant      | Rabbit | OECD 405 (EU B.5) |  |
| Alcohols, C12-15, ethoxylated   | Severe damage |        |                   |  |

## Respiratory tract irritation and corrosivity

| Ingredient(s)                   | Result            | Species | Method | Exposure time |
|---------------------------------|-------------------|---------|--------|---------------|
| calcium carbonate               | No data available |         |        |               |
| sodium dodecylbenzenesulphonate | No data available |         |        |               |
| sodium carbonate                | No data available |         |        |               |
| Alcohols, C12-15, ethoxylated   | No data available |         |        |               |

## Sensitisation

## Sensitisation by skin contact

| Ingredient(s)                   | Result            | Species    | Method           | Exposure time (h) |
|---------------------------------|-------------------|------------|------------------|-------------------|
| calcium carbonate               | No data available |            |                  |                   |
| sodium dodecylbenzenesulphonate | Not sensitising   | Guinea pig |                  |                   |
| sodium carbonate                | Not sensitising   |            | Method not given |                   |
| Alcohols, C12-15, ethoxylated   | No data available |            |                  |                   |

## Sensitisation by inhalation

| Ingredient(s)                   | Result            | Species | Method | Exposure time |
|---------------------------------|-------------------|---------|--------|---------------|
| calcium carbonate               | No data available |         |        |               |
| sodium dodecylbenzenesulphonate | No data available |         |        |               |
| sodium carbonate                | No data available |         |        |               |
| Alcohols, C12-15, ethoxylated   | No data available |         |        |               |

## CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

## Mutagenicity

| Ingredient(s)                   | Result (in-vitro) | Method (in-vitro) | Result (in-vivo)  | Method (in-vivo) |
|---------------------------------|-------------------|-------------------|-------------------|------------------|
| calcium carbonate               | No data available |                   | No data available |                  |
| sodium dodecylbenzenesulphonate | No data available |                   | No data available |                  |
| sodium carbonate                | No data available |                   | No data available |                  |
| Alcohols, C12-15, ethoxylated   | No data available |                   | No data available |                  |

## Carcinogenicity

| Ingredient(s)                   | Effect  |
|---------------------------------|---|
| calcium carbonate               | No data available                                   |
| sodium dodecylbenzenesulphonate | No data available                                   |
| sodium carbonate                | No evidence for carcinogenicity, weight-of-evidence |
| Alcohols, C12-15, ethoxylated   | No data available                                   |

## Toxicity for reproduction

| Ingredient(s)                   | Endpoint | Specific effect | Value (mg/kg bw/d) | Species | Method | Exposure time | Remarks and other effects reported |
|---------------------------------|----------|-----------------|--------------------|---------|--------|---------------|------------------------------------|
| calcium carbonate               |          |                 | No data available  |         |        |               |                                    |
| sodium dodecylbenzenesulphonate |          |                 | No data available  |         |        |               |                                    |
| sodium carbonate                |          |                 | No data available  |         |        |               |                                    |
| Alcohols, C12-15, ethoxylated   |          |                 | No data available  |         |        |               |                                    |

## Repeated dose toxicity

## Sub-acute or sub-chronic oral toxicity

| Ingredient(s)                   | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---------------------------------|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| calcium carbonate               |          | No data available  |         |        |                      |                                      |
| sodium dodecylbenzenesulphonate |          | No data available  |         |        |                      |                                      |
| sodium carbonate                |          | No data available  |         |        |                      |                                      |
| Alcohols, C12-15, ethoxylated   |          | No data available  |         |        |                      |                                      |

## Sub-chronic dermal toxicity

| Ingredient(s)                   | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---------------------------------|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| calcium carbonate               |          | No data available  |         |        |                      |                                      |
| sodium dodecylbenzenesulphonate |          | No data available  |         |        |                      |                                      |
| sodium carbonate                |          | No data available  |         |        |                      |                                      |
| Alcohols, C12-15, ethoxylated   |          | No data available  |         |        |                      |                                      |

## Sub-chronic inhalation toxicity

| Ingredient(s)                   | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---------------------------------|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| calcium carbonate               |          | No data available  |         |        |                      |                                      |
| sodium dodecylbenzenesulphonate |          | No data available  |         |        |                      |                                      |
| sodium carbonate                |          | No data available  |         |        |                      |                                      |
| Alcohols, C12-15, ethoxylated   |          | No data available  |         |        |                      |                                      |

## Chronic toxicity

| Ingredient(s)                   | Exposure route | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time | Specific effects and organs affected | Remark |
|---------------------------------|----------------|----------|--------------------|---------|--------|---------------|--------------------------------------|--------|
| calcium carbonate               |                |          | No data available  |         |        |               |                                      |        |
| sodium dodecylbenzenesulphonate |                |          | No data available  |         |        |               |                                      |        |
| sodium carbonate                |                |          | No data available  |         |        |               |                                      |        |
| Alcohols, C12-15, ethoxylated   |                |          | No data available  |         |        |               |                                      |        |

## STOT-single exposure

| Ingredient(s)                   | Affected organ(s) |
|---------------------------------|-------------------|
| calcium carbonate               | No data available |
| sodium dodecylbenzenesulphonate | No data available |
| sodium carbonate                | No data available |
| Alcohols, C12-15, ethoxylated   | No data available |

## STOT-repeated exposure

| Ingredient(s)                   | Affected organ(s) |
|---------------------------------|-------------------|
| calcium carbonate               | No data available |
| sodium dodecylbenzenesulphonate | No data available |
| sodium carbonate                | No data available |
| Alcohols, C12-15, ethoxylated   | No data available |

## Aspiration hazard

Substances with an aspiration hazard (H304), if any, are listed in section 3.

## Potential adverse health effects and symptoms

Effects and symptoms related to the product, if any, are listed in subsection 4.2.

## 11.2 Information on other hazards

## 11.2.1 Endocrine disrupting properties

| Ingredient(s)                   | Effect            |
|---------------------------------|-------------------|
| calcium carbonate               | No data available |
| sodium dodecylbenzenesulphonate | No data available |
| sodium carbonate                | No data available |
| Alcohols, C12-15, ethoxylated   | No data available |

## 11.2.2 Other information

No other relevant information available.

## SECTION 12: Ecological information

## 12.1 Toxicity

No data is available on the mixture.

Substance data, where relevant and available, are listed below:

#### Aquatic short-term toxicity

Aquatic short-term toxicity - fish

| Ingredient(s)                   | Endpoint         | Value (mg/l)      | Species                    | Method                               | Exposure time (h) |
|---------------------------------|------------------|-------------------|----------------------------|--------------------------------------|-------------------|
| calcium carbonate               |                  | No data available |                            |                                      |                   |
| sodium dodecylbenzenesulphonate |                  | No data available |                            |                                      |                   |
| sodium carbonate                | LC <sub>50</sub> | 300               | <i>Lepomis macrochirus</i> | Method not given                     | 96                |
| Alcohols, C12-15, ethoxylated   | LC <sub>50</sub> | > 2               | Fish                       | Method not given<br>OECD 203, static | 96                |

Aquatic short-term toxicity - crustacea

| Ingredient(s)                   | Endpoint         | Value (mg/l)      | Species                   | Method                               | Exposure time (h) |
|---------------------------------|------------------|-------------------|---------------------------|--------------------------------------|-------------------|
| calcium carbonate               |                  | No data available |                           |                                      |                   |
| sodium dodecylbenzenesulphonate |                  | No data available |                           |                                      |                   |
| sodium carbonate                | EC <sub>50</sub> | 200-227           | <i>Ceriodaphnia dubia</i> | Method not given                     | 96                |
| Alcohols, C12-15, ethoxylated   | EC <sub>50</sub> | 0.23              | <i>Daphnia</i>            | Method not given<br>OECD 202, static | 48                |

Aquatic short-term toxicity - algae

| Ingredient(s)                   | Endpoint         | Value (mg/l)      | Species                                | Method             | Exposure time (h) |
|---------------------------------|------------------|-------------------|--|--------------------|-------------------|
| calcium carbonate               |                  | No data available |  |                    |                   |
| sodium dodecylbenzenesulphonate |                  | No data available |  | Weight of evidence |                   |
| sodium carbonate                |                  | No data available |  |                    |                   |
| Alcohols, C12-15, ethoxylated   | EC <sub>50</sub> | 0.75              | <i>Pseudokirchneriella subcapitata</i> |                    | 72                |

Aquatic short-term toxicity - marine species

| Ingredient(s)                   | Endpoint | Value (mg/l)      | Species | Method | Exposure time (days) |
|---------------------------------|----------|-------------------|---------|--------|----------------------|
| calcium carbonate               |          | No data available |         |        |                      |
| sodium dodecylbenzenesulphonate |          | No data available |         |        |                      |
| sodium carbonate                |          | No data available |         |        |                      |
| Alcohols, C12-15, ethoxylated   |          | No data available |         |        |                      |

Impact on sewage plants - toxicity to bacteria

| Ingredient(s)                   | Endpoint | Value (mg/l)      | Inoculum | Method | Exposure time |
|---------------------------------|----------|-------------------|----------|--------|---------------|
| calcium carbonate               |          | No data available |          |        |               |
| sodium dodecylbenzenesulphonate |          | No data available |          |        |               |
| sodium carbonate                |          | No data available |          |        |               |
| Alcohols, C12-15, ethoxylated   |          | No data available |          |        |               |

#### Aquatic long-term toxicity

Aquatic long-term toxicity - fish

| Ingredient(s)                   | Endpoint | Value (mg/l)      | Species | Method           | Exposure time | Effects observed |
|---------------------------------|----------|-------------------|---------|------------------|---------------|------------------|
| calcium carbonate               |          | No data available |         |                  |               |                  |
| sodium dodecylbenzenesulphonate |          | No data available |         |                  |               |                  |
| sodium carbonate                |          | No data available |         |                  |               |                  |
| Alcohols, C12-15, ethoxylated   | NOEC     | > 0.1 - <= 1.0    |         | Method not given |               |                  |

## Aquatic long-term toxicity - crustacea

| Ingredient(s)                   | Endpoint | Value (mg/l)      | Species | Method           | Exposure time | Effects observed |
|---------------------------------|----------|-------------------|---------|------------------|---------------|------------------|
| calcium carbonate               |          | No data available |         |                  |               |                  |
| sodium dodecylbenzenesulphonate |          | No data available |         |                  |               |                  |
| sodium carbonate                |          | No data available |         |                  |               |                  |
| Alcohols, C12-15, ethoxylated   | NOEC     | > 0.1 - <= 1.0    |         | Method not given |               |                  |

## Aquatic toxicity to other aquatic benthic organisms, including sediment-dwelling organisms, if available:

| Ingredient(s)                   | Endpoint         | Value (mg/kg dw sediment) | Species | Method | Exposure time (days) | Effects observed |
|---------------------------------|------------------|---------------------------|---------|--------|----------------------|------------------|
| calcium carbonate               |                  | No data available         |         |        |                      |                  |
| sodium dodecylbenzenesulphonate |                  | No data available         |         |        |                      |                  |
| sodium carbonate                |                  | No data available         |         |        | -                    |                  |
| Alcohols, C12-15, ethoxylated   | EC <sub>50</sub> | No data available         |         |        |                      |                  |

## Terrestrial toxicity

## Terrestrial toxicity - soil invertebrates, including earthworms, if available:

| Ingredient(s)    | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|------------------|----------|-----------------------|---------|--------|----------------------|------------------|
| sodium carbonate |          | No data available     |         |        | -                    |                  |

## Terrestrial toxicity - plants, if available:

| Ingredient(s)    | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|------------------|----------|-----------------------|---------|--------|----------------------|------------------|
| sodium carbonate |          | No data available     |         |        | -                    |                  |

## Terrestrial toxicity - birds, if available:

| Ingredient(s)    | Endpoint | Value             | Species | Method | Exposure time (days) | Effects observed |
|------------------|----------|-------------------|---------|--------|----------------------|------------------|
| sodium carbonate |          | No data available |         |        | -                    |                  |

## Terrestrial toxicity - beneficial insects, if available:

| Ingredient(s)    | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|------------------|----------|-----------------------|---------|--------|----------------------|------------------|
| sodium carbonate |          | No data available     |         |        | -                    |                  |

## Terrestrial toxicity - soil bacteria, if available:

| Ingredient(s)    | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|------------------|----------|-----------------------|---------|--------|----------------------|------------------|
| sodium carbonate |          | No data available     |         |        | -                    |                  |

## 12.2 Persistence and degradability

## Abiotic degradation

## Abiotic degradation - photodegradation in air, if available:

## Abiotic degradation - hydrolysis, if available:

| Ingredient(s)    | Half-life time in fresh water | Method | Evaluation           | Remark |
|------------------|-------------------------------|--------|----------------------|--------|
| sodium carbonate | No data available             |        | Rapidly hydrolysible |        |

## Abiotic degradation - other processes, if available:

**Biodegradation**

Ready biodegradability - aerobic conditions

| Ingredient(s)                   | Inoculum | Analytical method | DT <sub>50</sub> | Method    | Evaluation                           |
|---------------------------------|----------|-------------------|------------------|-----------|--------------------------------------|
| calcium carbonate               |          |                   |                  |           | Not applicable (inorganic substance) |
| sodium dodecylbenzenesulphonate |          |                   |                  | OECD 301E | Readily biodegradable                |
| sodium carbonate                |          |                   |                  |           | Not applicable (inorganic substance) |
| Alcohols, C12-15, ethoxylated   |          |                   |                  | OECD 301B | Readily biodegradable                |

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

**12.3 Bioaccumulative potential**Partition coefficient n-octanol/water (log K<sub>ow</sub>)

| Ingredient(s)                   | Value             | Method | Evaluation                  | Remark |
|---------------------------------|-------------------|--------|-----------------------------|--------|
| calcium carbonate               | No data available |        |                             |        |
| sodium dodecylbenzenesulphonate | No data available |        |                             |        |
| sodium carbonate                | No data available |        | No bioaccumulation expected |        |
| Alcohols, C12-15, ethoxylated   | No data available |        |                             |        |

Bioconcentration factor (BCF)

| Ingredient(s)                   | Value             | Species | Method | Evaluation                  | Remark |
|---------------------------------|-------------------|---------|--------|-----------------------------|--------|
| calcium carbonate               | No data available |         |        |                             |        |
| sodium dodecylbenzenesulphonate | No data available |         |        |                             |        |
| sodium carbonate                | No data available |         |        | No bioaccumulation expected |        |
| Alcohols, C12-15, ethoxylated   | No data available |         |        |                             |        |

**12.4 Mobility in soil**

Adsorption/Desorption to soil or sediment

| Ingredient(s)                   | Adsorption coefficient Log K <sub>oc</sub> | Desorption coefficient Log K <sub>oc</sub> (des) | Method | Soil/sediment type | Evaluation                                       |
|---------------------------------|--|--|--------|--------------------|--|
| calcium carbonate               | No data available                          |  |        |                    |  |
| sodium dodecylbenzenesulphonate | No data available                          |  |        |                    |  |
| sodium carbonate                | No data available                          |  |        |                    | Potential for mobility in soil, soluble in water |
| Alcohols, C12-15, ethoxylated   | No data available                          |  |        |                    |  |

**12.5 Results of PBT and vPvB assessment**

Substances that fulfill the criteria for PBT/vPvB, if any, are listed in section 3.

**12.6 Endocrine disrupting properties**

| Ingredient(s)                   | Effect            |
|---------------------------------|-------------------|
| calcium carbonate               | No data available |
| sodium dodecylbenzenesulphonate | No data available |
| sodium carbonate                | No data available |
| Alcohols, C12-15, ethoxylated   | No data available |

**12.7 Other adverse effects**

No other adverse effects known.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Waste from residues / unused products:**

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

**European Waste Catalogue:**

20 01 29\* - detergents containing dangerous substances.

**Empty packaging****Recommendation:**

Dispose of observing national or local regulations.

**Suitable cleaning agents:**

Water, if necessary with cleaning agent.

**SECTION 14: Transport information**

**Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)****14.1 UN number:** Non-dangerous goods**14.2 UN proper shipping name:** Non-dangerous goods**14.3 Transport hazard class(es):** Non-dangerous goods**14.4 Packing group:** Non-dangerous goods**14.5 Environmental hazards:** Non-dangerous goods**14.6 Special precautions for user:** Non-dangerous goods**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:** Non-dangerous goods**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
- Regulation (EC) No 1272/2008 - CLP
- Regulation (EC) No. 648/2004 - Detergents regulation
- substances identified as having endocrine disrupting properties in accordance with the criteria set out in Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605

**Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII):** Not applicable.**Ingredients according to EC Detergents Regulation 648/2004**

anionic surfactants, non-ionic surfactants, soap

&lt; 5 %

perfumes, Phenoxyethanol, Linalool, Hexyl Cinnamal, Citronellol

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**Seveso - Classification:** Not classified**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out on the mixture

**SECTION 16: Other information**

*The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract*

**SDS code:** MSDS4973**Version:** 06.1**Revision:** 2021-02-07**Reason for revision:**

Overall design adjusted in accordance with Amendment 2020/878, Annex II of Regulation (EC) No 1907/2006, This data sheet contains changes from the previous version in section(s):, 3, 8, 9, 11, 12, 16

**Classification procedure**

The classification of the mixture is in general based on calculation methods using substance data, as required by Regulation (EC) No 1272/2008. If for certain classifications data on the mixture is available or for example bridging principles or weight of evidence can be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet. See section 9 for physical chemical properties, section 11 for toxicological information and section 12 for ecological information.

**Full text of the H and EUH phrases mentioned in section 3:**

- H302 - Harmful if swallowed.
- H315 - Causes skin irritation.
- H318 - Causes serious eye damage.
- H319 - Causes serious eye irritation.
- H400 - Very toxic to aquatic life.
- H412 - Harmful to aquatic life with long lasting effects.

**Abbreviations and acronyms:**

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- ATE - Acute Toxicity Estimate

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- DNEL - Derived No Effect Limit
- EC50 - effective concentration, 50%
- ERC - Environmental release categories
- EUH - CLP Specific hazard statement
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- LCS - Life cycle stage
- LD50 - Lethal Dose, 50% / Median Lethal dose
- NOAEL - No observed adverse effect level
- NOEL - No observed effect level
- OECD - Organization for Economic Cooperation and Development
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- PROC - Process categories
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative

**End of Safety Data Sheet**