

# **Safety Data Sheet**

## **CREAM R7 (5L)**

**Revision:** 2023-10-30 **Version:** 01.2

### SECTION 1: Identification of the substance/mixture and supplier

1.1 Product identifier

Product name: CREAM R7 (5L)

#### 1.2 Recommended use and restrictions on use

Identified uses: Cream cleanser Restrictions of use:

Uses other than those identified are not recommended

#### 1.3 Details of the supplier

DIVERSEY NEW ZEALAND LTD. 24 Bancroft Crescent, Glendene, Auckland, 0602, New Zealand Telephone: 0800 803 615 (toll free)

Website: www.diversey.com

#### 1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible) Call 0800 243 622 (24 hrs)

### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Eye irritation, Category 2 Acute aquatic toxicity, Category 2

#### 2.2 Label elements



Signal word: Warning

### Hazard statements:

H319 - Causes serious eye irritation.

H401 - Toxic to aquatic life.

#### Prevention statement(s):

P264 - Wash face, hands and any exposed skin thoroughly after handling.

### Response statement(s):

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

P337 + P313 - If eye irritation persists: Get medical advice or attention.

### Disposal statement(s):

P501 - Dispose of unused content as chemical waste.

#### 2.3 Other hazards

No other hazards known.

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances / Mixtures

| Ingredient(s)  | CAS#        | EC number | Weight percent |  |
|--|-------------|-----------|----------------|--|
| Limestone  | 1317-65-3   | 215-279-6 | 10-30          |  |
| sodium dodecylbenzenesulphonate                      | 25155-30-0  | 246-680-4 | 3-10           |  |
| sodium carbonate                                     | 497-19-8    | 207-838-8 | 1-3            |  |
| Alcohols, C12-15, ethoxylated                        | 68131-39-5  | [4]       | 1-3            |  |
| 3-butoxypropan-2-ol                                  | 5131-66-8   | 225-878-4 | 1-3            |  |
| 2-phenylethanol                                      | 60-12-8     | 200-456-2 | 0.01-0.1       |  |
| Dipentene  | 138-86-3    | 205-341-0 | 0.01-0.1       |  |
| benzyl acetate                                       | 140-11-4    | 205-399-7 | 0.01-0.1       |  |
| dodecanal  | 112-54-9    | 203-983-6 | < 0.01         |  |
| pin-2(10)-ene  | 127-91-3    | 204-872-5 | < 0.01         |  |
| citral   | 5392-40-5   | 226-394-6 | < 0.01         |  |
| pin-2(3)-ene   | 80-56-8     | 201-291-9 | < 0.01         |  |
| silica, amorphous                                    | 112926-00-8 | 231-545-4 | < 0.01         |  |
| Nickel   | 7440-02-0   | 231-111-4 | < 0.01         |  |
| Chromium   | 7440-47-3   | 231-157-5 | < 0.01         |  |
| Copper   | 7440-50-8   | 231-159-6 | < 0.01         |  |
| ethyl acrylate                                       | 140-88-5    | 205-438-8 | < 0.01         |  |
| sodium hydroxide                                     | 1310-73-2   | 215-185-5 | -              |  |
| Aluminum   | 12031-65-1  |           | -              |  |
| Lead   | 7439-92-1   | 231-100-4 | -              |  |
| Manganese  | 7439-96-5   | 231-105-1 | -              |  |
| Mercury  | 7439-97-6   | 231-106-7 | -              |  |
| silicon dioxide; synthetic amorphous silicon dioxide | 7631-86-9   | 231-545-4 | -              |  |
| sulphuric acid                                       | 7664-93-9   | 231-639-5 | -              |  |
| Selenium   | 7782-49-2   | 231-957-4 | -              |  |
| Antimony   | 7440-36-0   | 231-146-5 | -              |  |
| Arsenic  | 7440-38-2   | 231-148-6 | -              |  |
| Barium   | 7440-39-3   | 231-149-1 | -              |  |
| Cadmium  | 7440-43-9   | 231-152-8 | -              |  |

#### [4] Polymer.

Non-hazardous ingredients are the remainder and add up to 100%.

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

### **SECTION 4: First aid measures**

4.1 Description of first aid measures

Inhalation: Get medical attention or advice if you feel unwell.

Skin contact: Wash skin with plenty of lukewarm, gently flowing water. If skin irritation occurs: Get medical advice

or attention.

Eye contact: 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.

Ingestion: 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.

Self-protection of first aider: Consider personal protective equipment as indicated in subsection 8.2. First aid facilities: Eyewash facilities should be considered in a workplace where necessary.

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

Inhalation:

No known effects or symptoms in normal use.

Skin contact:

No known effects or symptoms in normal use.

Eye contact: Causes severe irritation.

**Ingestion:** 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.

Poison Information Center: Call 0800 764 766 (0800 POISON)

### **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.

#### 5.4 Hazchem code

None allocated

### **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. Do not allow to enter the ground/soil. Dilute with plenty of water. Inform responsible authorities in case undiluted product reaches drainage system, surface or ground water or the ground/soil.

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

Absorb with liquid-binding material (sand, diatomite, universal binders).

#### 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 adviced by Diversey. Wash hands before breaks and at the end of workday. Avoid contact with eyes. 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:

Biological limit values, if 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 <u>undiluted</u> product:

Covering activities such as filling and transfer of product to application equipment, flasks or buckets

**Appropriate engineering controls:** No special requirements under normal use conditions.

Appropriate organisational controls: Avoid direct contact and/or splashes where possible. Train personnel.

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 16321 / 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.

Recommended safety measures for handling the <u>diluted</u> product:

Appropriate engineering controls:

Appropriate organisational controls:

No special requirements under normal use conditions.

No special requirements under normal use conditions.

Personal protective equipment

Eye / face protection:No special requirements under normal use conditions.Hand protection:No special requirements under normal use conditions.Body protection:No special requirements under normal use conditionsRespiratory 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

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Physical state: Liquid
Colour: Opaque , White
Odour: Slightly perfumed
Odour threshold: Not applicable

pH: ≈ 11 (neat)

Melting point/freezing point (°C): Not determined

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

Flammability (liquid): Not flammable. Flash point (°C): > 93 °C

Sustained combustion: Not applicable.

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

Evaporation rate: Not determined

Flammability (solid, gas): Not applicable to liquids

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

Vapour pressure: Not determined Relative density: ≈ 1.20 (20 °C) Relative vapour density: Not determined.

Particle characteristics: No data available.

Solubility in / Miscibility with water: Fully miscible

Partition coefficient: n-octanol/water No information available.

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

Autoignition temperature: Not determined Decomposition temperature: Not applicable.

Viscosity: ≈ 600 mPa.s (20 °C) Explosive properties: Not explosive. Oxidising properties: Not oxidising.

9.2 Other information

Surface tension (N/m): Not determined Corrosion to metals: Not corrosive

Method / remark

ISO 4316

Not relevant to classification of this product

Weight of evidence

Not relevant to classification of this product

OECD 109 (EU A.3)

Not relevant to classification of this product

Not applicable to liquids.

### 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): >5000 ATE - Dermal (mg/kg): >5000 ATE - Inhalatory, mists (mg/l): >5

Skin irritation and corrosivity

Result: Not corrosive or irritant Method: Weight of evidence

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         | Species | Method             | Exposure |
|---------------------------------|----------|---------------|---------|--------------------|----------|
|                                 | 1.5      | (mg/kg)       | D. 1    | <b>N</b> 1         | time (h) |
| sodium dodecylbenzenesulphonate | LD 50    | 650           | Rat     | Non guideline test |          |
|                                 |          |               |         | Weight of evidence |          |
| sodium carbonate                | LD 50    | 2800          | Rat     | OECD 401 (EU B.1)  |          |
| Alcohols, C12-15, ethoxylated   | LD 50    | >300 - <=2000 | Rat     | Method not given   |          |
| 3-butoxypropan-2-ol             | LD 50    | 3300          | Rat     | OECD 401 (EU B.1)  |          |

Acute dermal toxicity

|   | Ingredient(s)                   |       | Value         | Species | Method            | Exposure |
|---|---------------------------------|-------|---------------|---------|-------------------|----------|
|   |                                 |       | (mg/kg)       |         |                   | time (h) |
|   | sodium dodecylbenzenesulphonate | LD 50 | > 2000        | Rat     |                   |          |
| Γ | sodium carbonate                | LD 50 | > 2000        | Rabbit  | Method not given  |          |
|   | Alcohols, C12-15, ethoxylated   | LD 50 | >300 - <=2000 | Rabbit  | Method not given  |          |
|   | 3-butoxypropan-2-ol             | LD 50 | > 2000        | Rat     | OECD 402 (EU B.3) |          |

Acute inhalative toxicity

| Ingredient(s)                   | Endpoint | Value<br>(mg/l)                            | Species | Method             | Exposure time (h) |
|---------------------------------|----------|--|---------|--------------------|-------------------|
| sodium dodecylbenzenesulphonate |          | No data<br>available                       |         |                    |                   |
| sodium carbonate                | LC 50    | > 2.3 (dust)                               |         | Weight of evidence | 2                 |
| Alcohols, C12-15, ethoxylated   |          | No data<br>available                       |         |                    |                   |
| 3-butoxypropan-2-ol             | LC o     | > 3.5 (vapour)<br>No mortality<br>observed | Rat     | OECD 403 (EU B.2)  |                   |

### Irritation and corrosivity

Skin irritation and corrosivity

| Ingredient(s)                   | Result            | Species | Method            | Exposure time |
|---------------------------------|-------------------|---------|-------------------|---------------|
| sodium dodecylbenzenesulphonate | Irritant          |         |                   |               |
| sodium carbonate                | Not irritant      | Rabbit  | OECD 404 (EU B.4) |               |
| Alcohols, C12-15, ethoxylated   | Mild irritant     |         |                   |               |
| 3-butoxypropan-2-ol             | No data available |         |                   |               |

Eye irritation and corrosivity

| Ingredient(s)                   | Result            | Species | Method            | Exposure time |
|---------------------------------|-------------------|---------|-------------------|---------------|
| sodium dodecylbenzenesulphonate | Corrosive         |         |                   |               |
| sodium carbonate                | Irritant          | Rabbit  | OECD 405 (EU B.5) |               |
| Alcohols, C12-15, ethoxylated   | Severe damage     |         |                   |               |
| 3-butoxypropan-2-ol             | No data available |         |                   |               |

Respiratory tract irritation and corrosivity

| Ingredient(s)                   | Result            | Species | Method | Exposure time |
|---------------------------------|-------------------|---------|--------|---------------|
| sodium dodecylbenzenesulphonate | No data available |         |        |               |
| sodium carbonate                | No data available |         |        |               |
| Alcohols, C12-15, ethoxylated   | No data available |         |        |               |
| 3-butoxypropan-2-ol             | No data available |         |        |               |

**Sensitisation**Sensitisation by skin contact

| Sensitisation by skin contact   |                   |            |                  |                   |
|---------------------------------|-------------------|------------|------------------|-------------------|
| Ingredient(s)                   | Result            | Species    | Method           | Exposure time (h) |
| sodium dodecylbenzenesulphonate | Not sensitising   | Guinea pig |                  |                   |
| sodium carbonate                | Not sensitising   |            | Method not given |                   |
| Alcohols, C12-15, ethoxylated   | No data available |            |                  |                   |
| 3-butoxypropan-2-ol             | No data available |            |                  |                   |

Sensitisation by inhalation

| Ingredient(s)                   | Result            | Species | Method | Exposure time |
|---------------------------------|-------------------|---------|--------|---------------|
| sodium dodecylbenzenesulphonate | No data available |         |        |               |
| sodium carbonate                | No data available |         |        |               |
| Alcohols, C12-15, ethoxylated   | No data available |         |        |               |
| 3-butoxypropan-2-ol             | No data available |         |        |               |

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

| Ingredient(s)                   | Result (in-vitro) | Method<br>(in-vitro) | Result (in-vivo)  | Method<br>(in-vivo) |
|---------------------------------|-------------------|----------------------|-------------------|---------------------|
| 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 |                     |
| 3-butoxypropan-2-ol             | No data available |                      | No data available |                     |

Carcinogenicity

| Ingredient(s)                   | Effect  |
|---------------------------------|---|
| sodium dodecylbenzenesulphonate | No data available                                   |
| sodium carbonate                | No evidence for carcinogenicity, weight-of-evidence |
| Alcohols, C12-15, ethoxylated   | No data available                                   |
| 3-butoxypropan-2-ol             | No data available                                   |

Toxicity for reproduction

| Ingredient(s)                          | Endpoint | Specific effect | Value<br>(mg/kg bw/d) | Species | Method | Exposure time | Remarks and other effects reported |
|--|----------|-----------------|-----------------------|---------|--------|---------------|------------------------------------|
| sodium<br>dodecylbenzenesulpho<br>nate |          |                 | No data<br>available  |         |        |               |                                    |
| sodium carbonate                       |          |                 | No data available     |         |        |               |                                    |
| Alcohols, C12-15, ethoxylated          |          |                 | No data available     |         |        |               |                                    |
| 3-butoxypropan-2-ol                    |          |                 | No data available     |         |        |               |                                    |

Repeated dose toxicity
Sub-acute or sub-chronic oral toxicity

| Ingredient(s)                   | Endpoint | Value<br>(mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---------------------------------|----------|-----------------------|---------|--------|----------------------|--------------------------------------|
| sodium dodecylbenzenesulphonate |          | No data available     |         |        |                      |                                      |
| sodium carbonate                |          | No data<br>available  |         |        |                      |                                      |
| Alcohols, C12-15, ethoxylated   |          | No data<br>available  |         |        |                      |                                      |
| 3-butoxypropan-2-ol             |          | No data<br>available  |         |        |                      |                                      |

Sub-chronic dermal toxicity

| Ingredient(s)                   | Endpoint | Value<br>(mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---------------------------------|----------|-----------------------|---------|--------|----------------------|--------------------------------------|
| sodium dodecylbenzenesulphonate |          | No data               |         |        |                      |                                      |
|                                 |          | available             |         |        |                      |                                      |

| sodium carbonate              | No data<br>available |  |  |
|-------------------------------|----------------------|--|--|
| Alcohols, C12-15, ethoxylated | No data available    |  |  |
| 3-butoxypropan-2-ol           | No data<br>available |  |  |

Sub-chronic inhalation toxicity

| Ingredient(s)                   | Endpoint | Value<br>(mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|---------------------------------|----------|-----------------------|---------|--------|----------------------|--------------------------------------|
| sodium dodecylbenzenesulphonate |          | No data<br>available  |         |        |                      |                                      |
| sodium carbonate                |          | No data<br>available  |         |        |                      |                                      |
| Alcohols, C12-15, ethoxylated   |          | No data available     |         |        |                      |                                      |
| 3-butoxypropan-2-ol             |          | No data<br>available  |         |        |                      |                                      |

Chronic toxicity

| Ingredient(s)                          | Exposure route | Endpoint | Value<br>(mg/kg bw/d) | Species | Method | Exposure time | Specific effects and<br>organs affected | Remark |
|--|----------------|----------|-----------------------|---------|--------|---------------|---|--------|
| sodium<br>dodecylbenzenesulpho<br>nate |                |          | No data<br>available  |         |        |               |   |        |
| sodium carbonate                       |                |          | No data<br>available  |         |        |               |   |        |
| Alcohols, C12-15,<br>ethoxylated       |                |          | No data<br>available  |         |        |               |   |        |
| 3-butoxypropan-2-ol                    |                |          | No data<br>available  |         |        |               |   |        |

STOT-single exposure

| Ingredient(s)                   | Affected organ(s) |
|---------------------------------|-------------------|
| sodium dodecylbenzenesulphonate | No data available |
| sodium carbonate                | No data available |
| Alcohols, C12-15, ethoxylated   | No data available |
| 3-butoxypropan-2-ol             | No data available |

STOT-repeated exposure

| 5 TO 1-repeated exposure        |                   |
|---------------------------------|-------------------|
| Ingredient(s)                   | Affected organ(s) |
| sodium dodecylbenzenesulphonate | No data available |
| sodium carbonate                | No data available |
| Alcohols, C12-15, ethoxylated   | No data available |
| 3-butoxypropan-2-ol             | No data available |

Aspiration hazard
Substances with an aspiration hazard (H304), if any, are listed in section 3. If relevant, see section 9 for dynamic viscosity and relative density

### Potential adverse health effects and symptoms

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

## **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<br>(mg/l)      | Species                | Method                               | Exposure time (h) |
|---------------------------------|----------|----------------------|------------------------|--------------------------------------|-------------------|
| sodium dodecylbenzenesulphonate | LC 50    | No data<br>available |                        |                                      |                   |
| sodium carbonate                | LC 50    | 300                  | Lepomis<br>macrochirus | Method not given                     | 96                |
| Alcohols, C12-15, ethoxylated   | LC 50    | > 2                  | Fish                   | Method not given<br>OECD 203, static | 96                |
| 3-butoxypropan-2-ol             | LC 50    | 560 - 1000           | Poecilia<br>reticulata | OECD 203, static                     | 96                |

Aquatic short-term toxicity - crustacea

| Ingredient(s)                   | Endpoint | Value<br>(mg/l)      | Species                 | Method                            | Exposure time (h) |
|---------------------------------|----------|----------------------|-------------------------|-----------------------------------|-------------------|
| sodium dodecylbenzenesulphonate |          | No data<br>available |                         |                                   |                   |
| sodium carbonate                | EC 50    | 200-227              | Ceriodaphnia<br>dubia   | Method not given                  | 96                |
| Alcohols, C12-15, ethoxylated   | EC 50    | 0.23                 | Daphnia                 | Method not given OECD 202, static | 48                |
| 3-butoxypropan-2-ol             | LC 50    | > 1000               | Daphnia<br>magna Straus | OECD 202, static                  | 48                |

Aquatic short-term toxicity - algae

| Ingredient(s)                   | Endpoint | Value<br>(mg/l)      | Species                                | Method             | Exposure time (h) |
|---------------------------------|----------|----------------------|--|--------------------|-------------------|
| sodium dodecylbenzenesulphonate |          | No data<br>available |  | Weight of evidence |                   |
| sodium carbonate                | EC 50    | > 800                | Selenastrum capricornutum              |                    | 72                |
| Alcohols, C12-15, ethoxylated   | EC 50    | 0.75                 | Pseudokirchner<br>iella<br>subcapitata |                    | 72                |
| 3-butoxypropan-2-ol             | EC 50    | > 1000               | Pseudokirchner<br>iella<br>subcapitata | OECD 201, static   | 96                |

Aquatic short-term toxicity - marine species

| Ingredient(s)                   | Endpoint | Value<br>(mg/l)      | Species | Method | Exposure time (days) |
|---------------------------------|----------|----------------------|---------|--------|----------------------|
| sodium dodecylbenzenesulphonate |          | No data<br>available |         |        |                      |
| sodium carbonate                |          | No data<br>available |         |        |                      |
| Alcohols, C12-15, ethoxylated   |          | No data<br>available |         |        |                      |
| 3-butoxypropan-2-ol             |          | No data<br>available |         |        |                      |

Impact on sewage plants - toxicity to bacteria

| Ingredient(s)                   | Endpoint | Value<br>(mg/l)      | Inoculum | Method           | Exposure time |
|---------------------------------|----------|----------------------|----------|------------------|---------------|
| sodium dodecylbenzenesulphonate |          | No data<br>available |          |                  |               |
| sodium carbonate                |          | No data<br>available |          |                  |               |
| Alcohols, C12-15, ethoxylated   |          | No data<br>available |          |                  |               |
| 3-butoxypropan-2-ol             | EC 50    | > 1000               | Bacteria | Method not given |               |

# Aquatic long-term toxicity Aquatic long-term toxicity - fish

| Ingredient(s)                   | Endpoint | Value<br>(mg/l)      | Species | Method           | Exposure time | Effects observed |
|---------------------------------|----------|----------------------|---------|------------------|---------------|------------------|
| sodium dodecylbenzenesulphonate |          | No data available    |         |                  |               |                  |
| sodium carbonate                |          | No data<br>available |         |                  |               |                  |
| Alcohols, C12-15, ethoxylated   | NOEC     | > 0.1 - <= 1.0       |         | Method not given |               |                  |
| 3-butoxypropan-2-ol             |          | No data<br>available |         |                  |               |                  |

Aquatic long-term toxicity - crustacea

| Ingredient(s)                   | Endpoint | Value<br>(mg/l)      | Species | Method           | Exposure time | Effects observed |
|---------------------------------|----------|----------------------|---------|------------------|---------------|------------------|
| sodium dodecylbenzenesulphonate |          | No data available    |         |                  |               |                  |
| sodium carbonate                |          | No data<br>available |         |                  |               |                  |
| Alcohols, C12-15, ethoxylated   | NOEC     | > 0.1 - <= 1.0       |         | Method not given |               |                  |
| 3-butoxypropan-2-ol             |          | No data<br>available |         |                  |               |                  |

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

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

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

| remediate textory con invertebrates, including carries | no, n aranabi | <u> </u>                    |         |        |                      |                  |
|--|---------------|-----------------------------|---------|--------|----------------------|------------------|
| Ingredient(s)  | Endpoint      | Value<br>(mg/kg dw<br>soil) | Species | Method | Exposure time (days) | Effects observed |
| sodium dodecylbenzenesulphonate                        |               | No data available           |         |        |                      |                  |
| sodium carbonate                                       |               | No data<br>available        |         |        |                      |                  |

Terrestrial toxicity - plants, if available:

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

Terrestrial toxicity - birds, if available:

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

Terrestrial toxicity - beneficial insects, if available:

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

Terrestrial toxicity - soil bacteria, if available:

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

### 12.2 Persistence and degradability

Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

| Ingredient(s)    | Half-life time    | Method | Evaluation | Remark |
|------------------|-------------------|--------|------------|--------|
| sodium carbonate | No data available |        |            |        |

Abiotic degradation - hydrolysis, if available:

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

Abiotic degradation - other processes, if available:

| - 6 |                  | p ,  |                   |        |            |        |
|-----|------------------|------|-------------------|--------|------------|--------|
|     | Ingredient(s)    | Type | Half-life time    | Method | Evaluation | Remark |
|     | sodium carbonate |      | No data available |        |            |        |

Biodegradation

Ready biodegradability - aerobic conditions

| teady bioacgradability—acrobic conditions |          |                   |       |        |            |  |  |  |  |  |
|---|----------|-------------------|-------|--------|------------|--|--|--|--|--|
| Ingredient(s)                             | Inoculum | Analytical method | DT 50 | Method | Evaluation |  |  |  |  |  |

| sodium dodecylbenzenesulphonate |                          |                            |                  | OECD 301E | Readily biodegradable                |
|---------------------------------|--------------------------|----------------------------|------------------|-----------|--------------------------------------|
| sodium carbonate                |                          |                            |                  |           | Not applicable (inorganic substance) |
| Alcohols, C12-15, ethoxylated   | Activated sludge, aerobe | CO <sub>2</sub> production | 72% in 28 day(s) | OECD 301B | Readily biodegradable                |
| 3-butoxypropan-2-ol             | Activated sludge, aerobe | DOC reduction              | 90% in 28 day(s) | OECD 301E | Readily biodegradable                |

Ready biodegradability - anaerobic and marine conditions, if available:

| Ingredient(s)    | Medium & Type | Analytical method | DT 50 | Method | Evaluation        |
|------------------|---------------|-------------------|-------|--------|-------------------|
| sodium carbonate |               |                   |       |        | No data available |

Degradation in relevant environmental compartments, if available:

| Ingredient(s)    | Medium & Type | Analytical method | DT 50 | Method | Evaluation        |
|------------------|---------------|-------------------|-------|--------|-------------------|
| sodium carbonate |               |                   |       |        | No data available |

#### 12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

| Ingredient(s)                   | Value             | Method   | Evaluation                        | Remark |
|---------------------------------|-------------------|----------|-----------------------------------|--------|
| sodium dodecylbenzenesulphonate | No data available |          |                                   |        |
| sodium carbonate                | No data available |          | No bioaccumulation expected       |        |
| Alcohols, C12-15, ethoxylated   | No data available |          |                                   |        |
| 3-butoxypropan-2-ol 1.2         |                   | OECD 117 | Low potential for bioaccumulation |        |

Bioconcentration factor (BCF)

| Ingredient(s)                          | Value             | Species | Method | Evaluation                  | Remark |
|--|-------------------|---------|--------|-----------------------------|--------|
| sodium<br>dodecylbenzenesulpho<br>nate | No data available |         |        |                             |        |
| sodium carbonate                       | No data available |         |        | No bioaccumulation expected |        |
| Alcohols, C12-15, ethoxylated          | No data available |         |        |                             |        |
| 3-butoxypropan-2-ol                    | No data available |         |        |                             |        |

### 12.4 Mobility in soil

Adsorption/Desorption to soil or sediment

| Adsorption/Desorption to soil or sediment |                                      |   |                   |                       |  |
|---|--------------------------------------|---|-------------------|-----------------------|--|
| Ingredient(s)                             | Adsorption<br>coefficient<br>Log Koc | Desorption<br>coefficient<br>Log Koc(des) | Method            | Soil/sediment<br>type | Evaluation                                       |
| 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                    |   |                   |                       |  |
| 3-butoxypropan-2-ol                       | 0.11                                 |   | Model calculation |                       | Potential for mobility in soil, soluble in water |

### 12.5 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.

Empty packaging

**Recommendation:** Dispose of observing national or local regulations.

Suitable cleaning agents: Water, if necessary with cleaning agent.

### **SECTION 14: Transport information**

### ADG, IMO/IMDG, ICAO/IATA

14.1 UN number or ID 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 Maritime transport in bulk according to IMO instruments: Non-dangerous goods

Other relevant information: Hazchem code: None allocated

### **SECTION 15: Regulatory information**

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

**HSNO Approval Number** HSR002530.

Group standard Cleaning Products (Subsidiary Hazard) Group Standard 2020 Inventory Listing(s) New Zealand: NZIoC (New Zealand Inventory of Chemicals) All components are listed on the NZIoC inventory, or are exempt

**HSNO Classification** 6.4A - Irritating to the eye

9.1D - Slightly harmful to the aquatic environment or are otherwise designed for biocidal action

### **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:** MS32000480 Version: 01.2 Revision: 2023-10-30

#### Reason for revision:

1, Not applicable

### Abbreviations and acronyms:

- · DNEL Derived No Effect Limit
- AUH Non GHS hazard statement
- PNEC Predicted No Effect Concentration
- ATE Acute Toxicity Estimate
- LD50 Lethal Dose, 50% / Median Lethal dose
- LC50 Lethal Concentration, 50% / Median Lethal Concentration
- EC50 effective concentration, 50%
- NOEL No observed effect level
   NOAEL No observed adverse effect level
- STOT-RE Specific target organ toxicity (repeated exposure)
- STOT-SE Specific target organ toxicity (single exposure)
- EC No. European Community Number
- OECD Organisation for Economic Cooperation and Development

**End of Safety Data Sheet**