

## Cif Professional Cream

Revision: 2024-08-01

Version: 05.1

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

#### 1.1 Product identifier

**Trade name:** Cif Professional Cream

*Cif is a registered trade mark and is used under licence of Unilever*

UFI: GWM4-20DC-X00A-CJ3W

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

**Product use:** Hard surface cleaner.

**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

PC35-Washing and cleaning products

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

Diversey Europe Operations BV, De Corridor 4, 3621ZB Breukelen [Maarssebroeksedijk 2, 3542DN Utrecht], The Netherlands

Tel: 01 8081808 (9am - 5pm Mon-Fri)

Email: dublin.orders@solenis.com

#### 1.4 Emergency telephone number

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

National Poisons Information Centre

Tel: 01 809 2166. (8.00 a.m. to 10.00 p.m. 7 days a week)

Tel: 01 809 2566 (health care professionals).

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Eye irritation, Category 2 (H319)

#### 2.2 Label elements



**Signal word:** Warning.

Contains 2-phenoxyethanol (Phenoxyethanol)

#### Hazard statements:

H319 - Causes serious eye irritation.

#### Precautionary statements:

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

#### Further indications on the label:

Contains: preservative.

#### 2.3 Other hazards

No other hazards known.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

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| Ingredient(s)                 | EC number | CAS number | REACH number         | Classification  | Notes | Weight percent |
|-------------------------------|-----------|------------|----------------------|---|-------|----------------|
| calcium carbonate             | 207-439-9 | 471-34-1   | 01-211948679<br>5-18 | Not classified as hazardous   |       | 20-30          |
| sodium alkylbenzenesulphonate | 270-115-0 | 68411-30-3 | 01-211948942<br>8-22 | Acute toxicity - Oral, Category 4 (H302)<br>Skin irritation, Category 2 (H315)<br>Serious eye damage, Category 1 (H318)<br>Chronic aquatic toxicity, Category 3 (H412)            |       | 3-10           |
| sodium carbonate              | 207-838-8 | 497-19-8   | 01-211948549<br>8-19 | Eye irritation, Category 2 (H319)   |       | 1-3            |
| Alcohols, C12-15, ethoxylated | [4]       | 68131-39-5 | [4]                  | Acute toxicity - Oral, Category 4 (H302)<br>Serious eye damage, Category 1 (H318)<br>Acute aquatic toxicity, Category 1 M=1 (H400)<br>Chronic aquatic toxicity, Category 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 15(2) 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

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

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

Dyke to collect large liquid spills. Absorb with liquid-binding material (sand, diatomite, universal binders). 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

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**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:**

Follow general hygiene considerations recognised as common good workplace practices. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Do not mix with other products unless advised by Diversey. Wash face, hands and any exposed skin thoroughly after handling. 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. Keep out of reach of children.

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)     | Long term value(s)  | Short term value(s)   |
|-------------------|---|---|
| calcium carbonate | 10 mg/m <sup>3</sup> respirable dust<br>4 mg/m <sup>3</sup> | 30 mg/m <sup>3</sup><br>12 mg/m <sup>3</sup> total inhalable 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/DMEL 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 alkylbenzenesulphonate | -                          | -                             | -                         | 0.425                        |
| sodium carbonate              | -                          | -                             | -                         | -                            |
| Alcohols, C12-15, ethoxylated | -                          | -                             | -                         | 25                           |

DNEL/DMEL 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 alkylbenzenesulphonate | -                          | -  | -                         | 119                                     |
| sodium carbonate              | -                          | -  | No data available         | -                                       |
| Alcohols, C12-15, ethoxylated | No data available          | -  | No data available         | -                                       |

DNEL/DMEL 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 alkylbenzenesulphonate | -                          | -  | -                         | 42.5                                    |
| sodium carbonate              | No data available          | -  | No data available         | -                                       |
| Alcohols, C12-15, ethoxylated | No data available          | -  | No data available         | -                                       |

DNEL/DMEL 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 alkylbenzenesulphonate | -                          | -                             | -                         | 6                            |

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|-------------------------------|---|---|----|---|
| sodium carbonate              | - | - | 10 | - |
| Alcohols, C12-15, ethoxylated | - | - | -  | - |

DNEL/DMEL 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 alkylbenzenesulphonate | -                          | -                             | -                         | 1.5                          |
| sodium carbonate              | 10                         | -                             | -                         | -                            |
| Alcohols, C12-15, ethoxylated | -                          | -                             | -                         | -                            |

**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 alkylbenzenesulphonate | 0.268                       | 0.0268                       | 0.0167              | 3.43                          |
| sodium carbonate              | -                           | -                            | -                   | -                             |
| Alcohols, C12-15, ethoxylated | -                           | -                            | -                   | -                             |

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 alkylbenzenesulphonate | 8.1                          | 6.8                      | 35                | -                        |
| sodium carbonate              | -                            | -                        | -                 | -                        |
| Alcohols, C12-15, ethoxylated | -                            | -                        | -                 | -                        |

**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:**

|   | SWED - Sector-specific worker exposure description | LCS | PROC    | Duration (min) | ERC   |
|---|--|-----|---------|----------------|-------|
| PC35-Washing and cleaning products                | PC35-Washing and cleaning products                 | C   | -       | -              | ERC8a |
| 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 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.

**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

**Physical state:** Liquid

**Colour:** Hazy , White

**Odour:** Product specific

**Odour threshold:** Not applicable

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

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

**Method / remark**

Not relevant to classification of this product

See substance data

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Substance data, boiling point

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

Substance data, flammability or explosive limits, if available:

## Method / remark

**Autoignition temperature:** Not determined**Decomposition temperature:** Not applicable.**pH:** ≈ 11 (neat)

ISO 4316

**Kinematic viscosity:** ≈ 500 mPa.s (20 °C)**Solubility in / Miscibility with water:** Fully miscible

Substance data, solubility in water

| Ingredient(s)                 | Value (g/l)       | Method           | Temperature (°C) |
|-------------------------------|-------------------|------------------|------------------|
| calcium carbonate             | No data available |                  |                  |
| sodium alkylbenzenesulphonate | > 250             |                  |                  |
| 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 alkylbenzenesulphonate | No data available |        |                  |
| sodium carbonate              | Negligible        |        |                  |
| Alcohols, C12-15, ethoxylated | No data available |        |                  |

## Method / remark

**Relative density:** ≈ 1.20 (20 °C)

OECD 109 (EU A.3)

**Relative vapour density:** No data available.

Not relevant to classification of this product

**Particle characteristics:** No data available.

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**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.

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**10.4 Conditions to avoid**

None known under normal storage and use conditions.

**10.5 Incompatible materials**

None known under normal use conditions.

**10.6 Hazardous decomposition products**

None known under normal storage and use conditions.

**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**Mixture data: .**Relevant calculated ATE(s):**

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

**Eye irritation and corrosivity****Result:** Eye irritant 2**Method:** Weight of evidenceSubstance 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 Oral (mg/kg) |
|-------------------------------|------------------|-------------------|---------|-------------------|-------------------|------------------|
| calcium carbonate             |                  | No data available |         |                   |                   | Not established  |
| sodium alkylbenzenesulphonate | LD <sub>50</sub> | 1080              | Rat     | OECD 401 (EU B.1) |                   | 1080             |
| sodium carbonate              | LD <sub>50</sub> | 2800              | Rat     | OECD 401 (EU B.1) |                   | 2800             |
| 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 Dermal (mg/kg) |
|-------------------------------|------------------|-------------------|---------|-------------------|-------------------|--------------------|
| calcium carbonate             |                  | No data available |         |                   |                   | Not established    |
| sodium alkylbenzenesulphonate | LD <sub>50</sub> | > 2000            | Rat     | OECD 402 (EU B.3) |                   | 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 alkylbenzenesulphonate |                  | 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 alkylbenzenesulphonate | 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 alkylbenzenesulphonate | Irritant          | Rabbit  | OECD 404 (EU B.4) |               |
| sodium carbonate              | Not irritant      | Rabbit  | OECD 404 (EU B.4) |               |

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|-------------------------------|---------------|--|--|--|
| Alcohols, C12-15, ethoxylated | Mild irritant |  |  |  |
|-------------------------------|---------------|--|--|--|

## Eye irritation and corrosivity

| Ingredient(s)                 | Result            | Species | Method            | Exposure time |
|-------------------------------|-------------------|---------|-------------------|---------------|
| calcium carbonate             | No data available |         |                   |               |
| sodium alkylbenzenesulphonate | Corrosive         | Rabbit  | OECD 405 (EU B.5) |               |
| 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 alkylbenzenesulphonate | Not irritating to respiratory tract |         |        |               |
| 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 alkylbenzenesulphonate | Not sensitising   | Guinea pig | OECD 406 (EU B.6) / GPMT |                   |
| 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 alkylbenzenesulphonate | 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 alkylbenzenesulphonate | No evidence for mutagenicity, negative test results | OECD 471 (EU B.12/13) OECD 476 OECD 473 | 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 alkylbenzenesulphonate | 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 alkylbenzenesulphonate | NOAEL    | Teratogenic effects | 300                | Rat     | Non guideline test |               | No known significant effects or critical hazards |
| 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            |         |        |                      |                                      |

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|                               |  |                   |  |  |  |  |
|-------------------------------|--|-------------------|--|--|--|--|
|                               |  | available         |  |  |  |  |
| sodium alkylbenzenesulphonate |  | 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 alkylbenzenesulphonate |          | 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 alkylbenzenesulphonate |          | 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 alkylbenzenesulphonate |                |          | 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 alkylbenzenesulphonate | Not applicable    |
| sodium carbonate              | Not applicable    |
| Alcohols, C12-15, ethoxylated | No data available |

## STOT-repeated exposure

| Ingredient(s)                 | Affected organ(s) |
|-------------------------------|-------------------|
| calcium carbonate             | No data available |
| sodium alkylbenzenesulphonate | Not applicable    |
| sodium carbonate              | Not applicable    |
| 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**

Endocrine disrupting properties - Human data, if available:

**11.2.2 Other information**

No other relevant information available.

**SECTION 12: Ecological information**



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## 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 alkylbenzenesulphonate | LC <sub>50</sub> | 1.67              | <i>Fish</i>                | EPA-OPPTS 850.1075                   | 96                |
| sodium carbonate              | LC <sub>50</sub> | 300               | <i>Lepomis macrochirus</i> | Method not given                     | 96                |
| Alcohols, C12-15, ethoxylated | LC <sub>50</sub> | > 2               | <i>Fish</i>                | 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 alkylbenzenesulphonate | LC <sub>50</sub> | 2.9               | <i>Daphnia</i>            | OECD 202 (EU C.2)                    | 48                |
| 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 alkylbenzenesulphonate | E <sub>b</sub> C <sub>50</sub> | 47.3              | <i>Not specified</i>                   | Non guideline test | 72                |
| sodium carbonate              | EC <sub>50</sub>               | > 800             | <i>Selenastrum capricornutum</i>       |                    | 72                |
| 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 alkylbenzenesulphonate |          | 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 alkylbenzenesulphonate | EC <sub>50</sub> | 550               | <i>Bacteria</i> | OECD 209 | 3 hour(s)     |
| 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 alkylbenzenesulphonate | NOEC     | 0.23              | <i>Oncorhynchus mykiss</i> | Method not given | 72 day(s)     |                  |
| sodium carbonate              |          | No data available |                            |                  |               |                  |

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|                               |      |                |  |                  |  |  |
|-------------------------------|------|----------------|--|------------------|--|--|
| 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 alkylbenzenesulphonate | NOEC     | 1.41              | <i>Daphnia magna</i> | OECD 211         |               |                  |
| 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 alkylbenzenesulphonate |                  | 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:

| 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 |
|------------------|-------------------------------|--------|----------------------|--------|
| sodium carbonate | No data available             |        | Rapidly hydrolysible |        |

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Abiotic degradation - other processes, if available:

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

**Biodegradation**

Ready biodegradability - aerobic conditions

| Ingredient(s)                 | Inoculum                 | Analytical method          | DT <sub>50</sub>  | Method    | Evaluation                           |
|-------------------------------|--------------------------|----------------------------|-------------------|-----------|--------------------------------------|
| calcium carbonate             |                          |                            |                   |           | Not applicable (inorganic substance) |
| sodium alkylbenzenesulphonate | Activated sludge, aerobe | CO <sub>2</sub> production | 85 % in 28 day(s) | OECD 301B | 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                |

Ready biodegradability - anaerobic and marine conditions, if available:

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

Degradation in relevant environmental compartments, if available:

| Ingredient(s)    | Medium & Type | Analytical method | DT <sub>50</sub> | Method | Evaluation        |
|------------------|---------------|-------------------|------------------|--------|-------------------|
| sodium carbonate |               |                   |                  |        | No data 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 alkylbenzenesulphonate | 3.32              | Method not given | Low potential for bioaccumulation |        |
| 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 alkylbenzenesulphonate | 2-1000            |         | Method not given | High potential for bioaccumulation |        |
| 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 alkylbenzenesulphonate | 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**

Endocrine disrupting properties - Environmental effects, if 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:****European Waste Catalogue:**

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.

20 01 29\* - detergents containing dangerous substances.

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**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 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**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
- Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- International Maritime Dangerous Goods (IMDG) Code

**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, soap

&lt; 5 %

Phenoxyethanol, perfumes, Limonene, Hexyl Cinnamal, Linalool, Citronellol, Butylphenyl

Methylpropional

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:** MS1002038**Version:** 05.1**Revision:** 2024-08-01**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):, 8, 9, 10, 11, 12, 15, 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.

**Cif Professional Cream****Abbreviations and acronyms:**

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

**End of Safety Data Sheet**