



# Safety Data Sheet

## SOFT CARE SENSITIVE

Revision: 2022-03-14

Version: 02.0

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

#### 1.1 Product identifier

**Product name:** SOFT CARE SENSITIVE

#### 1.2 Recommended use and restrictions on use

**Identified uses:**

Hand wash

**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](http://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

Serious eye damage, Category 1

Acute aquatic toxicity, Category 3

#### 2.2 Label elements

**Signal word:** Danger

#### Hazard statements:

H318 - Causes serious eye damage.

H402 - Harmful to aquatic life.

#### Prevention statement(s):

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

P102 - Keep out of reach of children.

P233 - Keep container tightly closed.

#### Response statement(s):

P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P310 - Immediately call a POISON CENTRE, doctor or physician.

#### 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 number | EC number | Weight percent |
|---------------------------------------------------------------------------------------------|------------|-----------|----------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts | 68891-38-3 | 500-234-8 | 3-10           |

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|                                                                                                        |            |           |       |
|--------------------------------------------------------------------------------------------------------|------------|-----------|-------|
| sodium chloride                                                                                        | 7647-14-5  | 231-598-3 | 3-10  |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | 61789-40-0 | 263-058-8 | 0.1-1 |
| sodium benzoate                                                                                        | 532-32-1   | 208-534-8 | 0.1-1 |

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:** Remove person to fresh air and keep comfortable for breathing.  
**Skin contact:** 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. Immediately call a POISON CENTRE, doctor or physician.  
**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:** No known effects or symptoms in normal use.  
**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

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

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

### 6.4 Reference to other sections

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

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Measures to prevent fire and explosions:

No special precautions required.

#### Measures required to protect the environment:

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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. Do not mix with other products unless advised by Diversey. Avoid contact with eyes. 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 undiluted product:*

**Appropriate engineering controls:** Use only in well ventilated areas.  
**Appropriate organisational controls:** No special requirements under normal use conditions.

#### Personal protective equipment

**Eye / face protection:** No special requirements under normal use conditions.  
**Hand protection:** Not applicable.  
**Body protection:** No special requirements under normal use conditions.  
**Respiratory protection:** Respiratory protection is not normally required. However, inhalation of vapour, spray, gas or aerosols should be avoided. Trigger spray bottle application: No special requirements under normal use conditions. Apply technical measures to comply with the occupational exposure limits, if available

**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

|                                                                                                      | Method / remark                                |
|------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <b>Physical state:</b> Liquid                                                                        |                                                |
| <b>Colour:</b> Clear , Colourless                                                                    |                                                |
| <b>Odour:</b> Product specific                                                                       |                                                |
| <b>Odour threshold:</b> Not applicable                                                               |                                                |
| <b>pH:</b> ≈ 5 (neat)                                                                                | ISO 4316                                       |
| <b>Melting point/freezing point (°C):</b> Not determined                                             | Not relevant to classification of this product |
| <b>Initial boiling point and boiling range (°C):</b> Not determined                                  |                                                |
| <b>Flammability (liquid):</b> Not flammable.                                                         |                                                |
| <b>Flash point (°C):</b> Not applicable.                                                             |                                                |
| <b>Sustained combustion:</b> Not applicable.<br>( UN Manual of Tests and Criteria, section 32, L.2 ) |                                                |
| <b>Evaporation rate:</b> Not determined                                                              | Not relevant to classification of this product |
| <b>Flammability (solid, gas):</b> Not applicable to liquids                                          |                                                |
| <b>Lower and upper explosion limit/flammability limit (%):</b> Not determined                        |                                                |
| <b>Vapour pressure:</b> Not determined                                                               |                                                |
| <b>Relative vapour density</b> No data available                                                     | Not relevant to classification of this product |
| <b>Relative density:</b> ≈ 1.03 (20 °C)                                                              | OECD 109 (EU A.3)                              |
| <b>Solubility in / Miscibility with Water:</b> Fully miscible                                        |                                                |
| <b>Partition coefficient: n-octanol/water</b> No information available.                              |                                                |

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

**Autoignition temperature:** Not determined  
**Decomposition temperature:** Not applicable.  
**Viscosity:**  $\approx 1250$  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

Weight of evidence

## 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

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 toxicological effects

Mixture data:.

#### Relevant calculated ATE(s):

ATE - Oral (mg/kg): >2000

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

#### Acute toxicity

Acute oral toxicity

| Ingredient(s)                                                                                          | Endpoint         | Value (mg/kg)     | Species | Method             | Exposure time (h) |
|--------------------------------------------------------------------------------------------------------|------------------|-------------------|---------|--------------------|-------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | LD <sub>50</sub> | 4100              |         |                    |                   |
| sodium chloride                                                                                        | LD <sub>50</sub> | 3000              | Rat     | Method not given   |                   |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts |                  | No data available |         |                    |                   |
| sodium benzoate                                                                                        | LD <sub>50</sub> | > 2000            | Rat     | Weight of evidence |                   |

Acute dermal toxicity

| Ingredient(s)                                                                                          | Endpoint         | Value (mg/kg)     | Species | Method           | Exposure time (h) |
|--------------------------------------------------------------------------------------------------------|------------------|-------------------|---------|------------------|-------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | LD <sub>50</sub> | > 2000            |         |                  |                   |
| sodium chloride                                                                                        | LD <sub>50</sub> | > 10000           | Rabbit  | Method not given |                   |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts |                  | No data available |         |                  |                   |
| sodium benzoate                                                                                        | LD <sub>50</sub> | > 2000            | Rabbit  | Method not given |                   |

Acute inhalative toxicity

| Ingredient(s) | Endpoint | Value | Species | Method | Exposure |
|---------------|----------|-------|---------|--------|----------|
|---------------|----------|-------|---------|--------|----------|

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|                                                                                                        |                  | (mg/l)            |     |                  | time (h) |
|--------------------------------------------------------------------------------------------------------|------------------|-------------------|-----|------------------|----------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo.-omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | LC <sub>50</sub> | 5.71              |     |                  | 4        |
| sodium chloride                                                                                        | LC <sub>50</sub> | > 42              | Rat | Method not given | 1        |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts |                  | No data available |     |                  |          |
| sodium benzoate                                                                                        | LC <sub>50</sub> | > 12.2            | Rat | Method not given | 4        |

**Irritation and corrosivity**

## Skin irritation and corrosivity

| Ingredient(s)                                                                                          | Result            | Species | Method            | Exposure time |
|--------------------------------------------------------------------------------------------------------|-------------------|---------|-------------------|---------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo.-omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | Irritant          | Rabbit  | OECD 404 (EU B.4) | 24 hour(s)    |
| sodium chloride                                                                                        | Not irritant      |         | Method not given  |               |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | No data available |         |                   |               |
| sodium benzoate                                                                                        | Not irritant      | Rabbit  | OECD 404 (EU B.4) |               |

## Eye irritation and corrosivity

| Ingredient(s)                                                                                          | Result                    | Species | Method            | Exposure time |
|--------------------------------------------------------------------------------------------------------|---------------------------|---------|-------------------|---------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo.-omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | Severe damage             | Rabbit  | OECD 405 (EU B.5) | 72 hour(s)    |
| sodium chloride                                                                                        | Not corrosive or irritant |         | Method not given  |               |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | No data available         |         |                   |               |
| sodium benzoate                                                                                        | Irritant                  | Rabbit  | OECD 405 (EU B.5) |               |

## Respiratory tract irritation and corrosivity

| Ingredient(s)                                                                                          | Result            | Species | Method | Exposure time |
|--------------------------------------------------------------------------------------------------------|-------------------|---------|--------|---------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo.-omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | No data available |         |        |               |
| sodium chloride                                                                                        | No data available |         |        |               |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | No data available |         |        |               |
| sodium benzoate                                                                                        | No data available |         |        |               |

**Sensitisation**

## Sensitisation by skin contact

| Ingredient(s)                                                                                          | Result            | Species             | Method           | Exposure time (h) |
|--------------------------------------------------------------------------------------------------------|-------------------|---------------------|------------------|-------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo.-omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | Not sensitising   | Guinea pig          |                  |                   |
| sodium chloride                                                                                        | Not sensitising   |                     | Method not given |                   |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | No data available |                     |                  |                   |
| sodium benzoate                                                                                        | Not sensitising   | Guinea pig<br>Mouse | Read across      |                   |

## Sensitisation by inhalation

| Ingredient(s)                                                                                          | Result            | Species | Method | Exposure time |
|--------------------------------------------------------------------------------------------------------|-------------------|---------|--------|---------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo.-omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | No data available |         |        |               |
| sodium chloride                                                                                        | No data available |         |        |               |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | No data available |         |        |               |
| sodium benzoate                                                                                        | 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) |
|--------------------------------------------------------------------------------------------------------|------------------------------|-----------------------|------------------------------|------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo.-omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | No data available            |                       | No data available            |                  |
| sodium chloride                                                                                        | No data available            |                       | No data available            |                  |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | No data available            |                       | No data available            |                  |
| sodium benzoate                                                                                        | No evidence for mutagenicity | OECD 471 (EU B.12/13) | No evidence for mutagenicity | Method not given |

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## Carcinogenicity

| Ingredient(s)                                                                                          | Effect                                                 |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | No data available                                      |
| sodium chloride                                                                                        | No data available                                      |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | No data available                                      |
| sodium benzoate                                                                                        | No evidence for carcinogenicity, negative test results |

## Toxicity for reproduction

| Ingredient(s)                                                                                          | Endpoint | Specific effect        | Value (mg/kg bw/d) | Species          | Method    | Exposure time | Remarks and other effects reported |
|--------------------------------------------------------------------------------------------------------|----------|------------------------|--------------------|------------------|-----------|---------------|------------------------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            |          |                        | No data available  |                  |           |               |                                    |
| sodium chloride                                                                                        |          |                        | No data available  |                  |           |               |                                    |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts |          |                        | No data available  |                  |           |               |                                    |
| sodium benzoate                                                                                        | NOAEL    | Developmental toxicity | ≥ 175              | Mouse Rat Rabbit | Not known |               | No developmental toxicity          |

## 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 |
|--------------------------------------------------------------------------------------------------------|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            |          | No data available  |         |        |                      |                                      |
| sodium chloride                                                                                        |          | No data available  |         |        |                      |                                      |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts |          | No data available  |         |        |                      |                                      |
| sodium benzoate                                                                                        |          | 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 |
|--------------------------------------------------------------------------------------------------------|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            |          | No data available  |         |        |                      |                                      |
| sodium chloride                                                                                        |          | No data available  |         |        |                      |                                      |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts |          | No data available  |         |        |                      |                                      |
| sodium benzoate                                                                                        |          | 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 |
|--------------------------------------------------------------------------------------------------------|----------|--------------------|---------|--------|----------------------|--------------------------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            |          | No data available  |         |        |                      |                                      |
| sodium chloride                                                                                        |          | No data available  |         |        |                      |                                      |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts |          | No data available  |         |        |                      |                                      |
| sodium benzoate                                                                                        |          | 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 |
|---------------------------------------------------------------------------------------------|----------------|----------|--------------------|---------|--------|---------------|--------------------------------------|--------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts |                |          | No data available  |         |        |               |                                      |        |

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|--------------------------------------------------------------------------------------------------------|--|--|-------------------|--|--|--|--|--|
| sodium chloride                                                                                        |  |  | No data available |  |  |  |  |  |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts |  |  | No data available |  |  |  |  |  |
| sodium benzoate                                                                                        |  |  | No data available |  |  |  |  |  |

## STOT-single exposure

| Ingredient(s)                                                                                          | Affected organ(s) |
|--------------------------------------------------------------------------------------------------------|-------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | No data available |
| sodium chloride                                                                                        | No data available |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | No data available |
| sodium benzoate                                                                                        | No data available |

## STOT-repeated exposure

| Ingredient(s)                                                                                          | Affected organ(s) |
|--------------------------------------------------------------------------------------------------------|-------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | No data available |
| sodium chloride                                                                                        | No data available |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | No data available |
| sodium benzoate                                                                                        | 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.

## SECTION 12: Ecological information

## 12.1 Toxicity

No data is available on the mixture.

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

## Aquatic short-term toxicity

Aquatic short-term toxicity - fish

| Ingredient(s)                                                                                          | Endpoint         | Value (mg/l) | Species                    | Method              | Exposure time (h) |
|--------------------------------------------------------------------------------------------------------|------------------|--------------|----------------------------|---------------------|-------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | LC <sub>50</sub> | 7.1          | <i>Brachydanio rerio</i>   | OECD 203 (EU C.1)   | 96                |
| sodium chloride                                                                                        | LC <sub>50</sub> | > 5840       | <i>Lepomis macrochirus</i> | Method not given    |                   |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | LC <sub>50</sub> | 1.3          |                            |                     |                   |
| sodium benzoate                                                                                        | LC <sub>50</sub> | > 100        | <i>Pimephales promelas</i> | Similar to OECD 203 | 96                |

Aquatic short-term toxicity - crustacea

| Ingredient(s)                                                                                          | Endpoint         | Value (mg/l) | Species                     | Method             | Exposure time (h) |
|--------------------------------------------------------------------------------------------------------|------------------|--------------|-----------------------------|--------------------|-------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | EC <sub>50</sub> | 7.4          | <i>Daphnia magna Straus</i> | OECD 202 (EU C.2)  | 48                |
| sodium chloride                                                                                        | EC <sub>50</sub> | > 3000       | <i>Daphnia magna Straus</i> | Method not given   | 24                |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | LC <sub>50</sub> | 2            |                             |                    |                   |
| sodium benzoate                                                                                        | EC <sub>50</sub> | > 100        | <i>Daphnia magna Straus</i> | Non guideline test | 96                |

Aquatic short-term toxicity - algae

| Ingredient(s)                                                                               | Endpoint         | Value (mg/l) | Species | Method            | Exposure time (h) |
|---------------------------------------------------------------------------------------------|------------------|--------------|---------|-------------------|-------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts | EC <sub>50</sub> | 27           |         | OECD 201 (EU C.3) | 72                |
| sodium chloride                                                                             | EC <sub>50</sub> | 2430         |         | Method not given  | 120               |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl                       | EC <sub>50</sub> | 2            |         |                   |                   |

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|----------------------------------|------------------|--------|---------------|-------------------|----|
| derivs., hydroxides, inner salts |                  |        |               |                   |    |
| sodium benzoate                  | EC <sub>50</sub> | > 30.5 | Not specified | OECD 201 (EU C.3) | 72 |

## Aquatic short-term toxicity - marine species

| Ingredient(s)                                                                                          | Endpoint | Value (mg/l)      | Species | Method | Exposure time (days) |
|--------------------------------------------------------------------------------------------------------|----------|-------------------|---------|--------|----------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            |          | No data available |         |        |                      |
| sodium chloride                                                                                        |          | No data available |         |        |                      |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts |          | No data available |         |        |                      |
| sodium benzoate                                                                                        |          | No data available |         |        |                      |

## Impact on sewage plants - toxicity to bacteria

| Ingredient(s)                                                                                          | Endpoint         | Value (mg/l)      | Inoculum                 | Method           | Exposure time |
|--------------------------------------------------------------------------------------------------------|------------------|-------------------|--------------------------|------------------|---------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            |                  | No data available |                          |                  |               |
| sodium chloride                                                                                        |                  | No data available |                          |                  |               |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts |                  | No data available |                          |                  |               |
| sodium benzoate                                                                                        | EC <sub>50</sub> | > 100             | <i>Achromobacter sp.</i> | Method not given | 24 hour(s)    |

## Aquatic long-term toxicity

## Aquatic long-term toxicity - fish

| Ingredient(s)                                                                                          | Endpoint | Value (mg/l)      | Species                    | Method   | Exposure time | Effects observed |
|--------------------------------------------------------------------------------------------------------|----------|-------------------|----------------------------|----------|---------------|------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | NOEC     | 1                 | <i>Pimephales promelas</i> | OECD 203 | 45 day(s)     |                  |
| sodium chloride                                                                                        |          | No data available |                            |          |               |                  |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts |          | No data available |                            |          |               |                  |
| sodium benzoate                                                                                        | NOEC     | 10                |                            |          | 144 hour(s)   |                  |

## Aquatic long-term toxicity - crustacea

| Ingredient(s)                                                                                          | Endpoint | Value (mg/l)      | Species              | Method   | Exposure time | Effects observed |
|--------------------------------------------------------------------------------------------------------|----------|-------------------|----------------------|----------|---------------|------------------|
| Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts            | NOEC     | 0.27              | <i>Daphnia magna</i> | OECD 211 | 21 day(s)     |                  |
| sodium chloride                                                                                        |          | No data available |                      |          |               |                  |
| 1-propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts |          | No data available |                      |          |               |                  |
| sodium benzoate                                                                                        |          | No data available |                      |          |               |                  |

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

## Terrestrial toxicity

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

Terrestrial toxicity - plants, if available:

Terrestrial toxicity - birds, if available:

Terrestrial toxicity - beneficial insects, if available:

Terrestrial toxicity - soil bacteria, if available:

## 12.2 Persistence and degradability

## Abiotic degradation

Abiotic degradation - photodegradation in air, if available:

Abiotic degradation - hydrolysis, if available:



## SOFT CARE SENSITIVE

Abiotic degradation - other processes, if available:

**Biodegradation**

Ready biodegradability - aerobic conditions

| Ingredient(s)                                                                                                | Inoculum                    | Analytical method          | DT <sub>50</sub>        | Method    | Evaluation                              |
|--------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------|-------------------------|-----------|-----------------------------------------|
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers,<br>sodium salts            | Activated sludge,<br>aerobe | Oxygen depletion           | 77-79 % in 28<br>day(s) | OECD 301D | Readily biodegradable                   |
| sodium chloride                                                                                              |                             |                            |                         |           | Not applicable (inorganic<br>substance) |
| 1-propanaminium,<br>3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl<br>derivs., hydroxides, inner salts |                             |                            |                         | OECD 301B | Readily biodegradable                   |
| sodium benzoate                                                                                              |                             | CO <sub>2</sub> production |                         | OECD 301B | Readily biodegradable                   |

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

**12.3 Bioaccumulative potential**

Partition coefficient n-octanol/water (log K<sub>ow</sub>)

| Ingredient(s)                                                                                                    | Value             | Method           | Evaluation                  | Remark |
|------------------------------------------------------------------------------------------------------------------|-------------------|------------------|-----------------------------|--------|
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-sulfo-.omega.-hydroxy-,<br>C12-14-alkyl ethers, sodium salts                | No data available |                  |                             |        |
| sodium chloride                                                                                                  | No data available |                  |                             |        |
| 1-propanaminium,<br>3-amino-N-(carboxymethyl)-N,N-dimeth<br>yl-, N-coco acyl derivs., hydroxides,<br>inner salts | No data available |                  |                             |        |
| sodium benzoate                                                                                                  | 1.88              | Method not given | No bioaccumulation expected |        |

Bioconcentration factor (BCF)

| Ingredient(s)                                                                                                       | Value             | Species | Method | Evaluation | Remark |
|---------------------------------------------------------------------------------------------------------------------|-------------------|---------|--------|------------|--------|
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-sulfo-.omega.-h<br>ydroxy-, C12-14-alkyl<br>ethers, sodium salts               | No data available |         |        |            |        |
| sodium chloride                                                                                                     | No data available |         |        |            |        |
| 1-propanaminium,<br>3-amino-N-(carboxymet<br>hyl)-N,N-dimethyl-,<br>N-coco acyl derivs.,<br>hydroxides, inner salts | No data available |         |        |            |        |
| sodium benzoate                                                                                                     | No data available |         |        |            |        |

**12.4 Mobility in soil**

Adsorption/Desorption to soil or sediment

| Ingredient(s)                                                                                                | Adsorption coefficient<br>Log K <sub>oc</sub> | Desorption coefficient<br>Log K <sub>oc</sub> (des) | Method | Soil/sediment<br>type | Evaluation |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------|--------|-----------------------|------------|
| Poly(oxy-1,2-ethanediyl),<br>.alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers,<br>sodium salts            | No data available                             |                                                     |        |                       |            |
| sodium chloride                                                                                              | No data available                             |                                                     |        |                       |            |
| 1-propanaminium,<br>3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl<br>derivs., hydroxides, inner salts | No data available                             |                                                     |        |                       |            |
| sodium benzoate                                                                                              | No data available                             |                                                     |        |                       |            |

**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**

## SOFT CARE SENSITIVE

**Recommendation:** Dispose of observing national or local regulations.  
**Suitable cleaning agents:** Water, if necessary with cleaning agent.

**SECTION 14: Transport information****ADG, IMO/MDG, ICAO/IATA**

**14.1 UN number:** Non-dangerous goods  
**14.2 UN proper shipping name:** Non-dangerous goods  
**14.3 Transport hazard class(es):** Non-dangerous goods  
**14.4 Packing group:** Non-dangerous goods  
**14.5 Environmental hazards:** Non-dangerous goods  
**14.6 Special precautions for user:** Non-dangerous goods  
**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:** Non-dangerous goods

**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** HSR002552.  
**Group standard** Cosmetic Products 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** 8.3A - Corrosive to ocular tissue  
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:** MS32000685

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**Abbreviations and acronyms:**

- ATE - Acute Toxicity Estimate
- AUH - Non GHS hazard statement
- DNEL - Derived No Effect Limit
- EC No. - European Community Number
- EC50 - effective concentration, 50%
- LC50 - Lethal Concentration, 50% / Median Lethal Concentration
- 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
- PNEC - Predicted No Effect Concentration
- STOT-RE - Specific target organ toxicity (repeated exposure)
- STOT-SE - Specific target organ toxicity (single exposure)

**End of Safety Data Sheet**