

# SAFETY DATA SHEET

This Safety Data Sheet (SDS) was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 (in particular as amended by Commission Regulation (EU) 2020/878 with respect to SDSs) and Regulation (EC) No. 1272/2008 (CLP)

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Revision Number 1

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

### 1.1. Product identifier

Product Identifier C-21206713-001\_PGP\_CLPR7\_EUR\_SAW  
Product Name Fairy NonBio  
Product Form Mixture  
Pure substance/mixture Mixture

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

Recommended use Restricted to professional users  
Uses advised against No information available  
Main user category SU 22 - Professional uses  
Product category Laundry Unit Dose  
Use category PC35 - Washing and cleaning products (including solvent based products)

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

| Supplier                                                                                                      | Manufacturer                                                                                                       |
|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Procter & Gamble UK Brooklands PGP,<br>Weybridge, Surrey, KT13 0XP, UK Tel:<br>01932 896000 Fax: 01932 896200 | Procter & Gamble Amiens S.A.S.<br>ZI Nord<br>150 rue André Durouchez<br>BP 90045<br>80082 Amiens Cedex 2<br>France |
| P&G DCE bvba/sprl-Belgium Dist. Div.,<br>Temselaan 100, B-1853 Strombeek-Bever,<br>Belgium (IE) 1800 535 119  |                                                                                                                    |

For further information, please contact

E-mail address customerservice@pgprof.com

### 1.4. Emergency telephone number

Emergency Telephone (UK) Emergency Tel: 0800 328 8304 (IRL) Emergency Tel: 1800 509 497

(IRL) Poisons information: for information or to report a poisoning incident contact The National Poisons Information Centre 01 8092166 (8.00 a.m. to 10.00 p.m. 7 days a week)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to  
Regulation (EC) No. 1272/2008 [CLP]

|                                                |                     |
|------------------------------------------------|---------------------|
| Skin corrosion/irritation                      | Category 2 - (H315) |
| Serious eye damage/eye irritation              | Category 1 - (H318) |
| Hazardous to the aquatic environment - chronic | Category 3 - (H412) |

### 2.2. Label elements



**Signal word**

Danger

**Hazard statements**

H315 - Causes skin irritation

H318 - Causes serious eye damage

H412 - Harmful to aquatic life with long lasting effects

**Precautionary Statements - EU (§28, 1272/2008)**

P102 - Keep out of reach of children

P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P310 - Immediately call a POISON CENTER or doctor/physician

P305 + P351 - IF IN EYES: Rinse cautiously with water for several minutes

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

P501 - Dispose of contents/container to an appropriate local waste system

**2.3. Other hazards**

No information available

**Endocrine Disruptor Information**

There are no substances contained at or above the regulated value for declaration of &gt;0.1% that fall under the definition of confirmed endocrine disruptors of any EU regulation.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable

**3.2 Mixtures**

| Chemical name                     | CAS No.    | Weight-% | REACH registration number | EC No (EU Index No) | Classification according to Regulation (EC) No. 1272/2008 [CLP]                                     | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) |
|-----------------------------------|------------|----------|---------------------------|---------------------|-----------------------------------------------------------------------------------------------------|------------------------------------|----------|----------------------|
| MEA-C10-13 Alkyl Benzenesulfonate | 85480-55-3 | >30      | 01-21199058 42-39         | 287-335-8           | Acute Tox. 4 (Oral) (H302)<br>Aquatic Chronic 3 (H412)<br>Eye Dam. 1 (H318)<br>Skin Irrit. 2 (H315) | -                                  | -        | -                    |
| Mea-Laureth Sulfate               | 68184-04-3 | 5 - 10   | No data available         | -                   | Aquatic Chronic 3 (H412)<br>Eye Dam. 1 (H318)<br>Skin Irrit. 2 (H315)                               | -                                  | -        | -                    |
| C12-14 Pareth-n                   | 68439-50-9 | 1 - 5    | No data available         | Polymer             | Acute Tox. 4 (Oral) (H302)<br>Aquatic Chronic 3 (H412)<br>Eye Dam. 1 (H318)                         | -                                  | -        | -                    |
| C12-16 Pareth-n                   | 68551-12-2 | 0 - 1    | No data                   | 500-221-7           | Aquatic Acute                                                                                       | -                                  | 1        | -                    |

|                 |           |       |                      |                        |                                                                                              |   |    |   |
|-----------------|-----------|-------|----------------------|------------------------|----------------------------------------------------------------------------------------------|---|----|---|
|                 |           |       | available            |                        | 1 (H400)<br>Aquatic<br>Chronic 3<br>(H412)<br>Eye Irrit. 2<br>(H319)                         |   |    |   |
| Amyl Salicylate | 2050-08-0 | 0 - 1 | 01-21199694<br>44-27 | 218-080-2<br>911-280-7 | Acute Tox. 4<br>(Oral) (H302)<br>Aquatic Acute<br>1 (H400)<br>Aquatic<br>Chronic 1<br>(H410) | - | 1  | 1 |
| Undecenal       | 1337-83-3 | 0 - 1 | No data<br>available | 215-656-5              | Aquatic Acute<br>1 (H400)<br>Aquatic<br>Chronic 2<br>(H411)<br>Skin Sens.<br>1B (H317)       | - | 10 | - |

**Full text of H- and EUH-phrases: see section 16**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59).

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

|                                           |                                                                                                                                                                              |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>                     | Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.                                                                            |
| <b>Inhalation</b>                         | IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. (Call a physician if symptoms occur).                                              |
| <b>Eye contact</b>                        | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. |
| <b>Skin contact</b>                       | IF ON SKIN: Wash with plenty of soap and water. Get medical attention if symptoms occur. Take off contaminated clothing and wash before reuse. Discontinue use of product.   |
| <b>Ingestion</b>                          | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a physician or poison control center immediately.                                                                    |
| <b>Self-protection of the first aider</b> | Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8).                                                                                |

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

|                 |                                                                                                                                                                                                                |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Symptoms</b> | Coughing and/ or wheezing. Redness. Swelling of tissue. Itching. Sneezing. Dryness. Pain. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Excessive secretion. Blurred vision. |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

|                           |                        |
|---------------------------|------------------------|
| <b>Note to physicians</b> | Treat symptomatically. |
|---------------------------|------------------------|

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

|                                       |                                                                          |
|---------------------------------------|--------------------------------------------------------------------------|
| <b>Suitable Extinguishing Media</b>   | Dry chemical. Alcohol resistant foam. Carbon dioxide (CO <sub>2</sub> ). |
| <b>Unsuitable extinguishing media</b> | Do not scatter spilled material with high pressure water streams.        |

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

|                                                   |                     |
|---------------------------------------------------|---------------------|
| <b>Specific hazards arising from the chemical</b> | None in particular. |
|---------------------------------------------------|---------------------|

### 5.3. Advice for firefighters

#### Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## SECTION 6: Accidental release measures

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

#### Personal precautions

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Ensure adequate ventilation.

#### For emergency responders

Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

#### Environmental precautions

See Section 12 for additional Ecological Information.

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

#### Methods for containment

Scoop absorbed substance into closing containers.

#### Methods for cleaning up

Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Small quantities of liquid spill: contain released substance, pump into suitable containers. This material and its container must be disposed of in a safe way, and as per local legislation.

#### Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

### 6.4. Reference to other sections

#### Reference to other sections

See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid contact with skin. Avoid contact with eyes. Use personal protection equipment. Do not eat, drink or smoke when using this product.

#### General hygiene considerations

Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

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

#### Storage Conditions

Keep/store only in original container. Keep tightly closed in a dry and cool place.

### 7.3. Specific end use(s)

#### Risk Management Methods (RMM)

The information required is contained in this Safety Data Sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

#### Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

#### Derived No Effect Level (DNEL)

Long term.

| Chemical name                     | Worker - dermal, long-term - systemic | Worker - inhalative, long-term - systemic | Worker - dermal, long-term - local | Worker - inhalative, long-term - local |
|-----------------------------------|---------------------------------------|-------------------------------------------|------------------------------------|----------------------------------------|
| MEA-C10-13 Alkyl Benzenesulfonate | 119 mg/kg bw/day                      | 6.71 mg/m <sup>3</sup>                    | -                                  | 12 mg/m <sup>3</sup>                   |

|                 |                  |                        |   |   |
|-----------------|------------------|------------------------|---|---|
| Amyl Salicylate | 0.9 mg/kg bw/day | 3.17 mg/m <sup>3</sup> | - | - |
|-----------------|------------------|------------------------|---|---|

| Chemical name                     | Consumer - oral, long-term - local | Consumer - inhalative, long-term - local | Consumer - dermal, long-term - local |
|-----------------------------------|------------------------------------|------------------------------------------|--------------------------------------|
| MEA-C10-13 Alkyl Benzenesulfonate | -                                  | 3 mg/m <sup>3</sup>                      | -                                    |

| Chemical name                     | Consumer - oral, long-term - systemic | Consumer - inhalative, long-term - systemic | Consumer - dermal, long-term - systemic |
|-----------------------------------|---------------------------------------|---------------------------------------------|-----------------------------------------|
| MEA-C10-13 Alkyl Benzenesulfonate | 0.425 mg/kg bw                        | 1.18 mg/m <sup>3</sup>                      | 42.5 mg/kg bw/day                       |
| Amyl Salicylate                   | 0.45 mg/kg bw                         | 0.78 mg/m <sup>3</sup>                      | 0.45 mg/kg bw/day                       |

**Predicted No Effect Concentration (PNEC)**

| Chemical name                     | Fresh Water | Marine water | Intermittent release |
|-----------------------------------|-------------|--------------|----------------------|
| MEA-C10-13 Alkyl Benzenesulfonate | 0.268 mg/L  | 0.027 mg/L   | 0.022 mg/L           |
| Amyl Salicylate                   | 0.001 mg/L  | 0 mg/L       | 0.008 mg/L           |

| Chemical name                     | Freshwater sediment | Marine sediment | Sewage treatment plant | Soil            | Air | Oral |
|-----------------------------------|---------------------|-----------------|------------------------|-----------------|-----|------|
| MEA-C10-13 Alkyl Benzenesulfonate | 8.1 mg/kg dwt       | 0.81 mg/kg dwt  | 3.43 mg/L              | 35 mg/kg dwt    | -   | -    |
| Amyl Salicylate                   | 0.389 mg/kg dwt     | 0.039 mg/kg dwt | 10 mg/L                | 1.786 mg/kg dwt | -   | -    |

**8.2. Exposure controls****Personal protective equipment**

|                                        |                                                                                                                                                                          |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye/face protection</b>             | Wear safety glasses with side shields (or goggles).                                                                                                                      |
| <b>Hand protection</b>                 | Protective gloves.                                                                                                                                                       |
| <b>Skin and body protection</b>        | No special protective equipment required.                                                                                                                                |
| <b>Respiratory protection</b>          | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. |
| <b>General hygiene considerations</b>  | Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.                             |
| <b>Environmental exposure controls</b> | Prevent that the undiluted product reaches surface waters.                                                                                                               |

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

|                       |                    |
|-----------------------|--------------------|
| <b>Physical state</b> | Liquid             |
| <b>Appearance</b>     | Liquid             |
| <b>Color</b>          | Coloured           |
| <b>Odor</b>           | Pleasant (perfume) |
| <b>Odor threshold</b> | Not applicable     |

| Property                              | Values            | Remarks • Method                                     |
|---------------------------------------|-------------------|------------------------------------------------------|
| <b>Melting point / freezing point</b> | No data available | Not available. This property is not relevant for the |

Initial boiling point and boiling range &gt; 90 °C

Flammability

Flammability Limit in Air

|                                        |                            |
|----------------------------------------|----------------------------|
| Upper flammability or explosive limits | No data available          |
| Lower flammability or explosive limits | No data available          |
| Flash point                            | No Flash to Boiling (NFTB) |
| Autoignition temperature               | No data available          |
| Decomposition temperature              | No Data Available          |
| pH                                     | 7 - 8                      |
| Dynamic viscosity                      | No Data Available          |
| Water solubility                       | Soluble in water           |
| Solubility(ies)                        | No Data Available          |
| Partition coefficient                  | No Data Available          |
| Vapor pressure                         | No Data Available          |
| Relative density                       | 1                          |
| Relative vapor density                 | No data available          |
| Particle characteristics               |                            |
| Particle Size                          | No information available   |
| Particle Size Distribution             | No information available   |

safety and classification of this product

Not applicable. This property is not relevant for liquid product forms

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

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Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

Not available. This property is not relevant for the safety and classification of this product

## 9.2. Other information

### 9.2.1. Information with regard to physical hazard classes

No information available

### 9.2.2. Other safety characteristics

No information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity No information available.

### 10.2. Chemical stability

Stability Stable under normal conditions.

#### Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

### 10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

### 10.5. Incompatible materials

Incompatible materials None known based on information supplied.

#### 10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

### SECTION 11: Toxicological information

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

##### Information on likely routes of exposure

##### Product Information

|                     |                                                                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.                                      |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes.               |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).                                  |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

##### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

##### Numerical measures of toxicity

No information available

##### Acute toxicity

##### Component Information

| Chemical name                     | Oral LD50                | Dermal LD50             | Inhalation LC50 |
|-----------------------------------|--------------------------|-------------------------|-----------------|
| MEA-C10-13 Alkyl Benzenesulfonate | 1089 mg/kg (RAT)         | 5001 mg/kg (RABBIT)     | -               |
| C12-14 Pareth-n                   | >300-2000 mg/kg bw (Rat) | > 5000 mg/kg bw         | -               |
| Amyl Salicylate                   | = 4100 mg/kg ( Rat )     | > 5000 mg/kg ( Rabbit ) | -               |

| Chemical name                     | Carcinogenicity | Species | Eye Damage | Species | Developmental toxicity | Species | Mutagenicity | Species |
|-----------------------------------|-----------------|---------|------------|---------|------------------------|---------|--------------|---------|
| MEA-C10-13 Alkyl Benzenesulfonate | -               | -       | OECD 405   | -       | -                      | -       | -            | -       |
| C12-14 Pareth-n                   | -               | -       | OECD 405   | -       | -                      | -       | -            | -       |

| Chemical name                     | Reproductive toxicity | Species | Skin corrosion/irritation | Species | Sensitization | Species |
|-----------------------------------|-----------------------|---------|---------------------------|---------|---------------|---------|
| MEA-C10-13 Alkyl Benzenesulfonate | -                     | -       | Y (100%; OECD 404)        | -       | -             | -       |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                                          |                                 |
|------------------------------------------|---------------------------------|
| <b>Skin corrosion/irritation</b>         | Irritating to skin.             |
| <b>Serious eye damage/eye irritation</b> | Risk of serious damage to eyes. |
| <b>Respiratory or skin sensitization</b> | Not applicable.                 |
| <b>Germ cell mutagenicity</b>            | None known.                     |
| <b>Carcinogenicity</b>                   | None known.                     |
| <b>Reproductive toxicity</b>             | None known.                     |
| <b>STOT - single exposure</b>            | None known.                     |
| <b>STOT - repeated exposure</b>          | None known.                     |
| <b>Aspiration hazard</b>                 | Not applicable.                 |

**11.2. Information on other hazards**

**11.2.1. Endocrine disrupting properties**

|                                        |                                                                                                                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Endocrine disrupting properties</b> | There are no substances contained at or above the regulated value for declaration of >0.1% that fall under the definition of confirmed endocrine disruptors of any EU regulation. |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**11.2.2. Other information**

|                              |             |
|------------------------------|-------------|
| <b>Other adverse effects</b> | None known. |
|------------------------------|-------------|

**SECTION 12: Ecological information**

**12.1. Toxicity**

|                    |                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------|
| <b>Ecotoxicity</b> | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
|--------------------|-----------------------------------------------------------------------------------------------|

**Acute toxicity**

| Chemical name                     | Algae/aquatic plants                                                      | Fish                                    | Toxicity to microorganisms       | Crustacea                                            |
|-----------------------------------|---------------------------------------------------------------------------|-----------------------------------------|----------------------------------|------------------------------------------------------|
| MEA-C10-13 Alkyl Benzenesulfonate | 10.9 mg/L (OECD 201; Microcystis aeruginosa; 96 h)                        | 2.22 mg/L (OECD 203; Danio rerio; 96 h) | -                                | 7.01 mg/L (Daphnia magna; 48 h)                      |
| C12-14 Pareth-n                   | >1-10 mg/L (OECD 201; Desmodesmus subspicatus (green algae); static test) | 1.2 mg/L (OECD 203; Danio rerio; 96 h)  | 3 mg/L (Pseudomonas putida; 5 h) | > 1 - 10 mg/L (OECD 202; Daphnia magna; static test) |

|                 |                                                             |                                                |                                            |                                           |
|-----------------|-------------------------------------------------------------|------------------------------------------------|--------------------------------------------|-------------------------------------------|
| Amyl Salicylate | 0.77 mg/L (OECD 201; Pseudokirchneriella subcapitata; 72 h) | 1.34 mg/L (EC 440/2008 C.1; Danio rerio; 96 h) | -                                          | 0.88 mg/L (OECD 202; Daphnia magna; 48 h) |
| Undecenal       | 47.3 mg/L (OECD 201; Desmodesmus subspicatus; 72 h)         | 8.51 mg/L (OECD 203; Danio rerio; 96 h)        | 6.25 mg/L (Saccharomyces cerevisiae; 48 h) | 3.147 mg/L (Daphnia magna; 48 h)          |

**Chronic Toxicity**

| Chemical name                     | Toxicity to algae (NOEC or ECx)*                          | Toxicity to fish (NOEC or ECx)*       | Toxicity to daphnia and other aquatic invertebrates (NOEC or ECx)* | Toxicity to Microorganisms (NOEC or ECx)* | Toxicity to other organisms                                                                                                                              |
|-----------------------------------|-----------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| MEA-C10-13 Alkyl Benzenesulfonate | 0.268 mg/L (Mesocosm model ecosystem; 56 d)               | 0.23 mg/L (Oncorhynchus mykiss; 72 d) | 0.268 mg/L (56 d)                                                  | -                                         | 0.268 mg/L (Read across data on dodecyl linear alkylbenzene sulfonate ; guideline not indicated; mayfly, chironomid, and aquatic worm; freshwater; 56 d) |
| C12-14 Pareth-n                   | -                                                         | 0.28 mg/L (Pimephales promelas; 30 d) | 0.77 mg/L (Daphnia magna; 21 d)                                    | -                                         | -                                                                                                                                                        |
| Amyl Salicylate                   | 0.2 mg/L (OECD 201; Pseudokirchneriella subcapitata; 3 d) | -                                     | -                                                                  | -                                         | -                                                                                                                                                        |

**12.2. Persistence and degradability****Persistence and degradability**

| Chemical name                     | Ready Biodegradation Test (OECD 301)                 | Abiotic Degradation Hydrolysis | Abiotic Degradation Photolysis | Biodegradation Other Tests                                                                                                     |
|-----------------------------------|------------------------------------------------------|--------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| MEA-C10-13 Alkyl Benzenesulfonate | 85 % (OECD 301 B; CO <sub>2</sub> evolution; 29 d)   | -                              | -                              | t <sub>1/2</sub> : < 22 d (Read across data on sodium 4-undecylbenzenesulfonate; guideline not indicated; sludge amended soil) |
| Mea-Laureth Sulfate               | 90 % (OECD 303 A)                                    | -                              | -                              | -                                                                                                                              |
| C12-14 Pareth-n                   | 95 % (O <sub>2</sub> ; OECD 301 F; 28 d)             | -                              | -                              | -                                                                                                                              |
| C12-16 Pareth-n                   | 60 % (OECD 301B; 28d; aerobic)                       | -                              | -                              | -                                                                                                                              |
| Amyl Salicylate                   | 86 % (O <sub>2</sub> ; OECD 301 F; 28 d; 80% (10 d)) | -                              | -                              | -                                                                                                                              |
| Undecenal                         | 50 % (; 21 d)                                        | -                              | -                              | -                                                                                                                              |

**12.3. Bioaccumulative potential****Bioaccumulation****Component Information**

| Chemical name                     | Partition coefficient |
|-----------------------------------|-----------------------|
| MEA-C10-13 Alkyl Benzenesulfonate | 1.73                  |
| Amyl Salicylate                   | 4.5                   |

| Chemical name                     | Octanol/water partition coefficient | Bioconcentration factor (BCF) |
|-----------------------------------|-------------------------------------|-------------------------------|
| MEA-C10-13 Alkyl Benzenesulfonate | 2.51 (OECD 123)                     | 495 L/kg                      |
| C12-14 Pareth-n                   | 5.24 (OECD 123)                     | -                             |
| Amyl Salicylate                   | 4.4                                 | 380 - 570                     |
| Undecenal                         | 4.04                                | 9.1 L/kg                      |

**12.4. Mobility in soil****Mobility in soil**

| Chemical name                     | log K <sub>oc</sub> |
|-----------------------------------|---------------------|
| MEA-C10-13 Alkyl Benzenesulfonate | 3.5                 |
| C12-14 Pareth-n                   | 267.1               |

|                 |                |
|-----------------|----------------|
| Amyl Salicylate | 3.7 (OECD 121) |
| Undecenal       | 852 (852)      |

**12.5. Results of PBT and vPvB assessment****PBT and vPvB assessment** No information available.

| Chemical name   | PBT and vPvB assessment         |
|-----------------|---------------------------------|
| C12-14 Pareth-n | The substance is not PBT / vPvB |
| Amyl Salicylate | The substance is not PBT / vPvB |
| Undecenal       | The substance is not PBT / vPvB |

**12.6. Endocrine disrupting properties****Endocrine disrupting properties** There are no substances contained at or above the regulated value for declaration of >0.1% that fall under the definition of confirmed endocrine disruptors of any EU regulation.**12.7. Other adverse effects****SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste from residues/unused products**

The waste codes/waste designations below are in accordance with EWC. Waste must be delivered to an approved waste disposal company. Waste is to be kept separate from other types of waste until its disposal. Do not throw waste product into the sewer. Where possible recycling is preferred to disposal or incineration. Empty, uncleaned packaging need the same disposal considerations as filled packaging. For handling waste, see measures described in section 8. Dispose of in accordance with local regulations.

**Contaminated packaging**

Do not reuse empty containers.

**Waste codes / waste designations according to EWC**20 01 29\* - detergents containing dangerous substances  
15 01 10\* - packaging containing residues of or contaminated by dangerous substances**SECTION 14: Transport information****IATA**

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number or ID number       | Not regulated  |
| 14.2 UN proper shipping name      | Not regulated  |
| 14.3 Transport hazard class(es)   | Not regulated  |
| 14.4 Packing group                | Not regulated  |
| 14.5 Environmental hazards        | Not applicable |
| 14.6 Special precautions for user |                |

**IMDG**

|                                                              |                          |
|--------------------------------------------------------------|--------------------------|
| 14.1 UN number or ID number                                  | Not regulated            |
| 14.2 UN proper shipping name                                 | Not regulated            |
| 14.3 Transport hazard class(es)                              | Not regulated            |
| 14.4 Packing group                                           | Not regulated            |
| 14.5 Environmental hazards                                   | Not applicable           |
| 14.6 Special precautions for user                            |                          |
| 14.7 Maritime transport in bulk according to IMO instruments | No information available |

**RID**

|                                 |               |
|---------------------------------|---------------|
| 14.1 UN number or ID number     | Not regulated |
| 14.2 UN proper shipping name    | Not regulated |
| 14.3 Transport hazard class(es) | Not regulated |

|                                   |                |
|-----------------------------------|----------------|
| 14.4 Packing group                | Not regulated  |
| 14.5 Environmental hazards        | Not applicable |
| 14.6 Special precautions for user |                |
| Special Provisions                | None           |

#### ADR

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number or ID number       | Not regulated  |
| 14.2 UN proper shipping name      | Not regulated  |
| 14.3 Transport hazard class(es)   | Not regulated  |
| 14.4 Packing group                | Not regulated  |
| 14.5 Environmental hazards        | Not applicable |
| 14.6 Special precautions for user |                |
| Special Provisions                | None           |

#### ADN

|                                 |                          |
|---------------------------------|--------------------------|
| 14.1 UN number or ID number     | Not relevant             |
| 14.2 UN proper shipping name    | Not regulated            |
| 14.3 Transport hazard class(es) | No information available |
| 14.4 Packing group              | Not relevant             |
| 14.5 Marine pollutant           | Not regulated            |

### SECTION 15: Regulatory information

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

##### National regulations

##### Germany

Water hazard class (WGK) obviously hazardous to water (WGK 2)

##### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

##### Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII) Regulation (EC) No. 648/2004 (Detergents regulation) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP] Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

##### Persistent Organic Pollutants

Not applicable

##### Ozone-depleting substances (ODS) Regulation (EU) 2024/590

Not applicable

##### CESIO Recommendations

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.

## 15.2. Chemical safety assessment

**Chemical Safety Report** No chemical safety assessment has been carried out for this mixture per REACH regulation.

## SECTION 16: Other information

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Full text of any hazard and/or precautionary statements referred to under Sections 2-15

H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H319 - Causes serious eye irritation  
H400 - Very toxic to aquatic life  
H410 - Very toxic to aquatic life with long lasting effects  
H411 - Toxic to aquatic life with long lasting effects  
H412 - Harmful to aquatic life with long lasting effects

#### Legend

SVHC: Substances of Very High Concern for Authorization:

#### Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | Sk*  | Skin designation                 |

| Classification procedure                                        |                    |
|-----------------------------------------------------------------|--------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used        |
| Skin corrosion/irritation                                       | Calculation method |
| Serious eye damage/eye irritation                               | Calculation method |
| Chronic aquatic toxicity                                        | Calculation method |

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**Further information** Salts listed in Section 3 without a REACH Registration number are exempt, based on Annex V.

#### Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

##### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**