

Safety Data Sheet

According to Regulation (EC) No 1907/2006

TASKI Jontec 300 Pur-Eco SD F4c

Revision: 2022-11-26 **Version:** 06.6

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

1.1 Product identifier

Trade name: TASKI Jontec 300 Pur-Eco SD F4c

UFI: 35U6-F03Y-E00R-7XD6

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

Product use: Floor cleaner.

For professional use only.

Uses advised against: Uses other than those identified are not recommended.

SWED - Sector-specific worker exposure description :

AISE_SWED_PW_8a_2 AISE_SWED_PW_4_1 AISE_SWED_PW_10_1 AISE_SWED_PW_19_1

1.3 Details of the supplier of the safety data sheet

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

Contact details

Diversey Ltd Weston Favell Centre, Northampton NN3 8PD, United Kingdom Tel: 01604 405311, Fax: 01604 406809 Regulatory Email: customerservice.uk@diversey.com

1.4 Emergency telephone number

Seek medical advice (show the label or safety data sheet where possible) For medical or environmental emergency only: call 0800 052 0185

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Not classified as hazardous

2.2 Label elements

Hazard statements:

EUH210 - Safety data sheet available on request.

2.3 Other hazards

No other hazards known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Ingredient(s) | EC number | CAS number | REACH number | Classification | Notes | Weight percent |
|--------------------------|-----------|------------|--------------|--|-------|----------------|
| alkyl alcohol alkoxylate | [4] | 9038-95-3 | [4] | Acute Tox. 4 (H302) | | 3-10 |
| alkyl alcohol ethoxylate | [4] | 26183-52-8 | [4] | Acute Tox. 4 (H302) Eye Irrit. 2 (H319) | | 1-3 |

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

ATE, if available, are listed in section 11.

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

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

SECTION 4: First aid measures

4.1 Description of first aid measures

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

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

or attention.

Eye contact: Rinse cautiously with water for several minutes. If irritation occurs and persists, get medical

attention.

Ingestion: Rinse mouth. Immediately drink 1 glass of water. Never give anything by mouth to an unconscious

person. Get medical attention or advice if you feel unwell.

Self-protection of first aider: Consider personal protective equipment as indicated in subsection 8.2.

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.

SECTION 5: Firefighting measures

5.1 Extinguishing media

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

5.2 Special hazards arising from the substance or mixture

No special hazards known.

5.3 Advice for firefighters

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures required.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

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

6.4 Reference to other sections

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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire and explosions:

No special precautions required.

Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Do not mix with other products unless adviced by Diversey.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. 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:

Recommended monitoring procedures, if available:

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

DNEL/DMEL and PNEC values

Human exposure
DNEL/DMEL oral exposure - Consumer (mg/kg bw)

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|--------------------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| alkyl alcohol alkoxylate | - | - | - | - |
| alkyl alcohol ethoxylate | - | - | - | - |

DNEL/DMEL dermal exposure - Worker

| DNLL/DIVILL dermai exposure - Worker | | | | |
|--------------------------------------|----------------------------|--|---------------------------|---|
| Ingredient(s) | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |
| alkyl alcohol alkoxylate | - | - | - | - |
| alkyl alcohol ethoxylate | - | - | - | - |

DNEL/DMEL dermal exposure - Consumer

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |
|--------------------------|----------------------------|--|---------------------------|---|
| alkyl alcohol alkoxylate | - | - | - | - |
| alkyl alcohol ethoxylate | - | - | - | - |

DNEL/DMEL inhalatory exposure - Worker (mg/m³)

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|--------------------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| alkyl alcohol alkoxylate | - | - | - | - |
| alkyl alcohol ethoxylate | - | - | - | - |

DNEL/DMEL inhalatory exposure - Consumer (mg/m³)

| DIVER DIVICE Initialatory exposure Consumer (mg/m/) | | | | |
|---|----------------------------|-------------------------------|---------------------------|------------------------------|
| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
| alkyl alcohol alkoxylate | - | - | - | - |
| alkyl alcohol ethoxylate | - | - | = | - |

Environmental exposure

Environmental exposure - PNEC

| Ingredient(s) | Surface water, fresh (mg/l) | Surface water, marine (mg/l) | Intermittent (mg/l) | Sewage treatment plant (mg/l) |
|--------------------------|-----------------------------|------------------------------|---------------------|-------------------------------|
| alkyl alcohol alkoxylate | - | - | - | - |
| alkyl alcohol ethoxylate | - | - | - | - |

Environmental exposure - PNEC continued

| Environmental exposure - PNEC, continued | | | | |
|--|------------------------------|-----------------------------|--------------|-------------|
| Ingredient(s) | Sediment, freshwater (mg/kg) | Sediment, marine (mg/kg) | Soil (mg/kg) | Air (mg/m³) |
| alkyl alcohol alkoxylate | - | - | - | - |
| alkyl alcohol ethoxylate | = | - | = | - |

8.2 Exposure controls

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

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

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

REACH use scenarios considered for the undiluted product:

| SWED - Sector-specific | LCS | PROC | Duration | ERC |
|------------------------|-----|------|----------|-----|
| worker exposure | | | (min) | |
| description | | | | |

Manual transfer and dilution AISE_SWED_PW_8a_2 PW PROC 8a ERC8a

Personal protective equipment

Hand protection: **Body protection:**

Eye / face protection: Safety glasses are not normally required. However, their use is recommended in those cases where

splashes may occur when handling the product (EN 166). No special requirements under normal use conditions. No special requirements under normal use conditions. Respiratory protection: No special requirements under normal use conditions.

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

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

Recommended maximum concentration (% w/w): 2

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

REACH use scenarios considered for the diluted product:

| | SWED | LCS | PROC | Duration | ERC |
|---|-------------------|-----|---------|----------|-------|
| | | | | (min) | |
| Machine application | AISE_SWED_PW_10_1 | PW | PROC 10 | 480 | ERC8a |
| Manual application by brushing, wiping or mopping | | | | | |
| Manual application | AISE_SWED_PW_19_1 | PW | PROC 19 | 480 | ERC8a |
| Automatic application in a dedicated system | AISE SWED PW 4 1 | PW | PROC 4 | 480 | ERC8a |

Personal protective equipment

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

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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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

Method / remark

Physical state: Liquid Colour: Clear , Green Odour: Product specific Odour threshold: Not applicable

Melting point/freezing point (°C): Not determined Not relevant to classification of this product

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

Substance data, boiling point

| Ingredient(s) | Value (°C) | Method | Atmospheric pressure (hPa) |
|--------------------------|-------------------|--------|----------------------------|
| alkyl alcohol alkoxylate | No data available | | |
| alkyl alcohol ethoxylate | No data available | | |

Method / remark

Flammability (solid, gas): Not applicable to liquids

Flammability (liquid): Not flammable. Flash point (°C): Not applicable. Sustained combustion: Not applicable. (UN Manual of Tests and Criteria, section 32, L.2)

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

Substance data, flammability or explosive limits, if available:

Method / remark

Autoignition temperature: Not determined

Decomposition temperature: Not applicable.

ISO 4316 **pH**: ≈ 8 (neat) **Dilution pH**: ≈ 8 (2 %) ISO 4316

Kinematic viscosity: Not determined

Solubility in / Miscibility with water: Fully miscible

Substance data, solubility in water

| Ingredient(s) | Value (g/l) | Method | Temperature (°C) |
|--------------------------|-------------------|--------|---------------------|
| alkyl alcohol alkoxylate | No data available | | |
| alkyl alcohol ethoxylate | No data available | | |

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

Method / remark

See substance data

Vapour pressure: Not determined

Substance data, vapour pressure

| Ingredient(s) | Value (Pa) | Method | Temperature (°C) |
|--------------------------|-------------------|------------------|---------------------|
| alkyl alcohol alkoxylate | < 10 | Method not given | 20 |
| alkyl alcohol ethoxylate | No data available | | |

Method / remark

OECD 109 (EU A.3)

Not relevant to classification of this product

Not applicable to liquids.

Relative density: \approx 1.01 (20 °C)

Relative vapour density: No data available. Particle characteristics: No data available.

9.2 Other information

9.2.1 Information with regard to physical hazard classes

Explosive properties: Not explosive.

Oxidising properties: Not oxidising.

Corrosion to metals: Not corrosive

9.2.2 Other safety characteristics

No other relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal storage and use conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known under normal storage and use conditions.

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) | ATE (mg/kg) |
|--------------------------|----------|------------------|---------|------------------|-------------------|----------------|
| alkyl alcohol alkoxylate | LD 50 | 200-2000 | Rat | Method not given | | 10000 |

| alkyl alcohol ethoxylate | LD 50 | No data available | | | | 16000 |
|--------------------------|-------|----------------------|--|--|--|-------|
|--------------------------|-------|----------------------|--|--|--|-------|

Acute dermal toxicity

| Ingredient(s) | Endpoint | Value (mg/kg) | Species | Method | Exposure time (h) | ATE (mg/kg) |
|--------------------------|----------|------------------|---------|--------|-------------------|-----------------|
| alkyl alcohol alkoxylate | | No data | | | | Not established |
| , , | | available | | | | |
| alkyl alcohol ethoxylate | | No data | | | | Not established |
| | | available | | | | |

Acute inhalative toxicity

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|--------------------------|----------|----------------------|---------|--------|-------------------|
| alkyl alcohol alkoxylate | | No data available | | | |
| alkyl alcohol ethoxylate | | No data available | | | |

Acute inhalative toxicity, continued

| Ingredient(s) | ATE - inhalation, dust (mg/l) | ATE - inhalation, mist (mg/l) | ATE - inhalation, vapour (mg/l) | ATE - inhalation, gas (mg/l) |
|--------------------------|-------------------------------|-------------------------------|------------------------------------|------------------------------|
| alkyl alcohol alkoxylate | Not established | Not established | Not established | Not established |
| alkyl alcohol ethoxylate | Not established | Not established | Not established | Not established |

Irritation and corrosivity Skin irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|--------------------------|--------------|---------|-------------------|---------------|
| alkyl alcohol alkoxylate | Not irritant | Rabbit | OECD 404 (EU B.4) | |
| | | | Read across | |
| alkyl alcohol ethoxylate | Not irritant | | Method not given | |

Eye irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|--------------------------|------------------|-----------------|-------------------|---------------|
| alkyl alcohol alkoxylate | Not corrosive or | Rabbit | OECD 405 (EU B.5) | |
| | irritant | | Read across | |
| alkyl alcohol ethoxylate | Severe damage | Not applicable. | OECD 437 Read | |
| | | | across | |

Respiratory tract irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|--------------------------|-------------------|---------|--------|---------------|
| alkyl alcohol alkoxylate | No data available | | | |
| alkyl alcohol ethoxylate | No data available | - | | |

Sensitisation

Sensitisation by skin contact

| Ingredient(s) | Result | Species | Method | Exposure time (h) |
|--------------------------|-------------------|---------|--------|-------------------|
| alkyl alcohol alkoxylate | No data available | | | |
| alkyl alcohol ethoxylate | Not sensitising | | | |

Sensitisation by inhalation

| Ingredient(s) | Result | Species | Method | Exposure time |
|--------------------------|-------------------|---------|--------|---------------|
| alkyl alcohol alkoxylate | No data available | | | |
| alkyl alcohol ethoxylate | No data available | | | |

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

| | Ingredient(s) | Result (in-vitro) | Method (in-vitro) | Result (in-vivo) | Method (in-vivo) |
|---|--------------------------|-------------------|----------------------|-------------------|---------------------|
| Γ | alkyl alcohol alkoxylate | No data available | | No data available | |
| | alkyl alcohol ethoxylate | No data available | | No data available | |

Carcinogenicity

| Carcinogenicity | | | | | | | | | |
|--------------------------|-------------------|--|--|--|--|--|--|--|--|
| Ingredient(s) | Effect | | | | | | | | |
| alkyl alcohol alkoxylate | No data available | | | | | | | | |
| alkyl alcohol ethoxylate | No data available | | | | | | | | |

Toxicity for reproduction

| Ingredient(s) | Endpoint | Specific effect | Value | Species | Method | Exposure | Remarks and other effects |
|---------------|----------|-----------------|--------------|---------|--------|----------|---------------------------|
| | | | (mg/kg bw/d) | | | time | reported |

| alkyl alcohol alkoxylate | No data available | |
|--------------------------|----------------------|--|
| alkyl alcohol ethoxylate | No data | |
| | available | |

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

| Ingredient(s) | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time (days) | Specific effects and organs affected |
|--------------------------|----------|-----------------------|---------|--------|----------------------|--------------------------------------|
| alkyl alcohol alkoxylate | | No data available | | | | |
| alkyl alcohol ethoxylate | | 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 |
|--------------------------|----------|-----------------------|---------|--------|----------------------|--------------------------------------|
| alkyl alcohol alkoxylate | | No data | | | | |
| | | available | | | | |
| alkyl alcohol ethoxylate | | No data | | | | |
| | | available | | | | |

Sub-chronic inhalation toxicity

| Sub-chronic innaiation toxicity | | | | | | |
|---------------------------------|----------|--------------|---------|--------|-------------|-----------------------------|
| Ingredient(s) | Endpoint | Value | Species | Method | Exposure | Specific effects and organs |
| | | (mg/kg bw/d) | | | time (days) | affected |
| alkyl alcohol alkoxylate | | No data | | | | |
| | | available | | | | |
| alkyl alcohol ethoxylate | | No data | | | | |
| | ĺ | available | | | | |

Chronic toxicity

| Childric toxicity | | | | | | | | |
|--------------------------|----------|----------|--------------|---------|--------|----------|----------------------|--------|
| Ingredient(s) | Exposure | Endpoint | Value | Species | Method | Exposure | Specific effects and | Remark |
| | route | | (mg/kg bw/d) | | | time | organs affected | |
| alkyl alcohol alkoxylate | | | No data | | | | | |
| | | | available | | | | | |
| alkyl alcohol ethoxylate | | | No data | | | | | |
| | | | available | | | | | |

STOT-single exposure

| Ingredient(s) | Affected organ(s) | | |
|--------------------------|-------------------|--|--|
| alkyl alcohol alkoxylate | No data available | | |
| alkyl alcohol ethoxylate | No data available | | |

STOT-repeated exposure

| Ingredient(s) | Affected organ(s) | | |
|--------------------------|-------------------|--|--|
| alkyl alcohol alkoxylate | No data available | | |
| alkyl alcohol ethoxylate | No data available | | |

Aspiration hazard

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

Potential adverse health effects and symptoms

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

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties
Endocrine disrupting properties - Human data, if available:

11.2.2 Other information

No other relevant information available.

SECTION 12: Ecological information

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 | Species | Method | Exposure |
|--------------------------|----------|--------|-------------|-------------------|----------|
| | | (mg/l) | | | time (h) |
| alkyl alcohol alkoxylate | LC 50 | > 100 | Brachydanio | OECD 203 (EU C.1) | 96 |
| | | | rerio | | |
| alkyl alcohol ethoxylate | LC 50 | 1 | | | |

Aquatic short-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|--------------------------|----------|-----------------|--------------|-------------------|-------------------|
| alkyl alcohol alkoxylate | EC 50 | > 100 | Daphnia | Method not given | 48 |
| | | | magna Straus | | |
| alkyl alcohol ethoxylate | EC 50 | 13.5 | Daphnia | OECD 202 (EU C.2) | 48 |

Aquatic short-term toxicity - algae

| Aquatic short-term toxicity - aigae | | | | | | |
|-------------------------------------|--------------------------|-------|--------|---------------|-------------------|----------|
| | Ingredient(s) | | Value | Species | Method | Exposure |
| | | | (mg/l) | | | time (h) |
| | alkyl alcohol alkoxylate | EC 50 | > 100 | Not specified | Method not given | 72 |
| | alkyl alcohol ethoxylate | EC 50 | 12 | 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) |
|--------------------------|----------|-----------------|---------|--------|----------------------|
| alkyl alcohol alkoxylate | | No data | | | |
| | | available | | | |
| alkyl alcohol ethoxylate | | No data | | | |
| | | available | | | |

Impact on sewage plants - toxicity to bacteria

| Ingredient(s) | Endpoint | Value (mg/l) | Inoculum | Method | Exposure time |
|--------------------------|----------|----------------------|----------|--------|---------------|
| alkyl alcohol alkoxylate | | No data available | | | |
| alkyl alcohol ethoxylate | | No data available | | | |

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

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time | Effects observed |
|--------------------------|----------|----------------------|---------|--------|---------------|------------------|
| alkyl alcohol alkoxylate | | No data available | | | | |
| alkyl alcohol ethoxylate | | No data available | | | | |

Aquatic long-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time | Effects observed |
|--------------------------|----------|-----------------|---------|--------|---------------|------------------|
| alkyl alcohol alkoxylate | | No data | | | | |
| | | available | | | | |
| alkyl alcohol ethoxylate | | No data | | | | |
| | | available | | | | |

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

| Ingredient(s) | Endpoint | Value (mg/kg dw sediment) | Species | Method | Exposure time (days) | Effects observed |
|--------------------------|----------|---------------------------------|---------|--------|----------------------|------------------|
| alkyl alcohol alkoxylate | | No data | | | | |
| | | available | | | | |
| alkyl alcohol ethoxylate | | No data | | | | |
| | | 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:

Abiotic degradation - other processes, if available:

Biodegradation

lability - aerobic conditions

| Ingredient(s) | Inoculum | Analytical method | DT 50 | Method | Evaluation |
|--------------------------|--------------------------|-------------------|-------|-----------------------|-----------------------|
| alkyl alcohol alkoxylate | Activated sludge, aerobe | BOD removal | | OECD 301F | Readily biodegradable |
| alkyl alcohol ethoxylate | | | | Weight of evidence | Readily biodegradable |

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

12.3 Bioaccumulative potential

| Ingredient(s) | Value | Method | Evaluation | Remark |
|--------------------------|-------------------|--------|-----------------------------|--------|
| alkyl alcohol alkoxylate | - | | No bioaccumulation expected | |
| alkyl alcohol ethoxylate | No data available | | | |

Bioconcentration factor (BCF)

| | Ingredient(s) | Value | Species | Method | Evaluation | Remark |
|-----|------------------------|-------------------|---------|--------|------------|--------|
| all | kyl alcohol alkoxylate | No data available | | | | |
| all | kyl alcohol ethoxylate | No data available | | | | |

12.4 Mobility in soil

| Ingredient(s) | Adsorption coefficient Log Koc | Desorption coefficient Log Koc(des) | Method | Soil/sediment type | Evaluation |
|--------------------------|--------------------------------------|---|--------|-----------------------|------------|
| alkyl alcohol alkoxylate | No data available | | | | |
| alkyl alcohol ethoxylate | No data available | | | | |

12.5 Results of PBT and vPvB assessment

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

12.6 Endocrine disrupting properties

Endocrine disrupting properties - Environmental effects, if available:

12.7 Other adverse effects

No other adverse effects known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste from residues / unused products:

European Waste Catalogue:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging

material is suitable for energy recovery or recycling in line with local legislation. 20 01 30 - detergents other than those mentioned in 20 01 29.

Empty packaging

Dispose of observing national or local regulations. Recommendation:

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

SECTION 14: Transport information

Land transport (ADR/RID), Sea transport (IMDG), Air transport (ICAO-TI / IATA-DGR)

14.1 UN number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods

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

SECTION 15: Regulatory information

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

National regulations:

- Regulation (EC) 1907/2006 REACH (UK amended)
- Regulation (EC) 1272/2008 CLP (UK amended)
- Regulation (EC) 648/2004 Detergents regulation (UK amended)
- Delegated Regulation (EU) 2017/2100 and Regulation (EU) 2018/605 (UK amended)
- Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)
- International Maritime Dangerous Goods (IMDG) Code

Authorisations or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

Ingredients according to Detergents Regulation

non-ionic surfactants 5 - 15 % soap, anionic surfactants < 5 % perfumes, Phenoxyethanol, Benzisothiazolinone

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents (UK amended). Data to support this assertion are held at the disposal of the competent authorities of the UK and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Comah - classification: Not classified

15.2 Chemical safety assessment

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

SECTION 16: Other information

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

SDS code: MSDS8004 Version: 06.6 Revision: 2022-11-26

Reason for revision:

Overall design adjusted in accordance with Amendment 2020/878, Annex II of Regulation (EC) No 1907/2006, This data sheet contains changes from the previous version in section(s):, 1, 3, 8, 9, 11, 12, 16

Classification procedure

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

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

- H302 Harmful if swallowed.
- H319 Causes serious eye irritation.

Abbreviations and acronyms:

- AISE The international Association for Soaps, Detergents and Maintenance Products
- ATE Acute Toxicity Estimate
- DNEL Derived No Effect Limit
- EC50 effective concentration, 50%
- ERC Environmental release categories
- EUH CLP Specific hazard statement
- · LC50 Lethal Concentration, 50% / Median Lethal Concentration
- LCS Life cycle stage
- LD50 Lethal Dose, 50% / Median Lethal dose
 NOAEL No observed adverse effect level
- NOEL No observed effect level
- OECD Organisation for Economic Cooperation and Development
- PBT Persistent, Bioaccumulative and Toxic
- PNEC Predicted No Effect Concentration

- PROC Process categories
 REACH number REACH registration number, without supplier specific part
 vPvB very Persistent and very Bioaccumulative

End of Safety Data Sheet