

Safety Data Sheet

According to Regulation (EC) No 1907/2006

Taski Sprint 200 Pur-Eco SD

Revision: 2017-09-09

Version: 02.4

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

1.1 Product identifier

Trade name: Taski Sprint 200 Pur-Eco SD

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

Identified uses: For professional use only. AISE-P301 - General purpose cleaner. Manual process AISE-P302 - General purpose cleaner. Spray and wipe manual process Uses advised against: Uses other than those identified are not recommended

1.3 Details of the supplier of the safety data sheet

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

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

Contains EUH208: 1,2-benzisothiazol-3(2H)-one (Benzisothiazolinone)

Hazard statements:

EUH208 - May produce an allergic reaction. EUH210 - Safety data sheet available on request.

Precautionary statements:

P102 - Keep out of reach of children. Do not mix with other products.

2.3 Other hazards

No other hazards known The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII

SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Ingredient(s) | EC number | CAS number | REACH number | Classification | Notes | Weight percent |
|------------------------------|-----------|------------|-------------------|--|-------|-------------------|
| propan-2-ol | 200-661-7 | 67-63-0 | 01-2119457558-25 | Flam. Liq. 2 (H225) STOT SE 3 (H336) Eye Irrit. 2 (H319) | | 3-10 |
| 1,2-benzisothiazol-3(2H)-one | 220-120-9 | 2634-33-5 | No data available | Acute Tox. 2 (H330) Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400) | | < 0.01 |

* Polymer.

[1] Exempted: ionic mixture. See Regulation (EC) No 1907/2006, Annex V, paragraph 3 and 4. This salt is potentially present, based on calculation, and included [2] Exempted: included in Annex IV of Regulation (EC) No 1907/2006.
[3] Exempted: Annex V of Regulation (EC) No 1907/2006.

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

^[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 |
| Skin contact: | 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. 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 ef | facts both acute and delayed |
| 1 2 1 | |
| Inhalation | No known effects or symptoms in normal use |

| 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

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

6.3 Methods and material for containment and cleaning up

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

6.4 Reference to other sections

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

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Measures to prevent fire and explosions:

No special precautions required.

Measures required to protect the environment:

For environmental exposure controls see subsection 8.2.

Advices on general occupational hygiene:

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Do not mix with other products unless adviced by Diversey. Wash hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Use personal protective equipment as required. Use only with adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Keep only in original container. Store in a closed container. For conditions to avoid see subsection 10.4. For incompatible materials see subsection 10.5.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters Workplace exposure limits

Air limit values, if available:

| Ingredient(s) | UK - Long term value(s) | UK - Short term value(s) |
|---------------|----------------------------|-----------------------------|
| propan-2-ol | 400 ppm | 500 ppm |
| | 999 mg/m ³ | 1250 mg/m ³ |

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 oral exposure - Consumer (mg/kg bw)

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|------------------------------|-------------------------------|----------------------------------|------------------------------|---------------------------------|
| propan-2-ol | - | - | - | 26 |
| 1,2-benzisothiazol-3(2H)-one | - | - | - | - |

DNEL dermal exposure - Worker

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |
|------------------------------|-------------------------------|---|------------------------------|--|
| propan-2-ol | No data available | - | No data available | 888 |
| 1,2-benzisothiazol-3(2H)-one | - | - | - | - |

DNEL 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) |
|------------------------------|-------------------------------|---|------------------------------|--|
| propan-2-ol | No data available | - | - | 319 |
| 1,2-benzisothiazol-3(2H)-one | - | - | - | - |

DNEL inhalatory exposure - Worker (mg/m³)

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|------------------------------|-------------------------------|----------------------------------|------------------------------|---------------------------------|
| propan-2-ol | - | - | - | 500 |
| 1,2-benzisothiazol-3(2H)-one | - | - | - | - |

DNEL inhalatory exposure - Consumer (mg/m³)

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|------------------------------|-------------------------------|----------------------------------|------------------------------|---------------------------------|
| propan-2-ol | - | - | - | 89 |
| 1,2-benzisothiazol-3(2H)-one | - | - | - | - |

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) |
| propan-2-ol | 140.9 | 140.9 | 140.9 | 2251 |
| 1,2-benzisothiazol-3(2H)-one | - | - | - | - |

Environmental exposure - PNEC, continued

| Ingredient(s) | Sediment, freshwater (mg/kg) | Sediment, marine (mg/kg) | Soil (mg/kg) | Air (mg/m³) |
|------------------------------|---------------------------------|-----------------------------|--------------|-------------|
| propan-2-ol | 552 | 552 | 28 | - |
| 1,2-benzisothiazol-3(2H)-one | - | - | - | - |

8.2 Exposure controls

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

Recommended safety measures for handling the <u>undiluted</u> product: Covering activities such as filling and transfer of product to application equipment, flasks or buckets

| Appropriate engineering controls: | No special requirements under normal use conditions. |
|--------------------------------------|---|
| Appropriate organisational controls: | Avoid direct contact and/or splashes where possible. Train personnel. |
| Developed anotestive equipment | |

Personal protective equipment Eye / face protection:

Safety glasses are not normally required. However, their use is recommended in those cases

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| Hand protection: Body protection: Respiratory protection: | where splashes may occur when handling the product (EN 166). Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary. No special requirements under normal use conditions. No special requirements under normal use conditions. |
|--|--|
| Environmental exposure controls: | No special requirements under normal use conditions. |
| Recommended safety measures for handl | ing the <u>diluted</u> product: |
| Recommended maximum concentration | n (%): 2 |
| Appropriate engineering controls: Appropriate organisational controls: | Provide a good standard of general ventilation. No special requirements under normal use conditions. |
| Personal protective equipment Eye / face protection: Hand protection: Body protection: Respiratory protection: | Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product. Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary. No special requirements under normal use conditions. No special requirements under normal use conditions. |
| Environmental exposure controls: | No special requirements under normal use conditions. |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties Information in this section refers to the product, unless it is specifically stated that substance data is listed

Method / remark

Physical State: Liquid Colour: Clear, Blue Odour: Slightly perfumed Odour threshold: Not applicable pH: ≈ 7 (neat) Melting point/freezing point (°C): Not determined Initial boiling point and boiling range (°C): Not determined

Not relevant to classification of this product

| Su | ubstance data, boiling point | | | |
|----|------------------------------|-------------------|------------------|----------------------|
| | Ingredient(s) | Value | Method | Atmospheric pressure |
| | | (°C) | | (hPa) |
| | propan-2-ol | 82 | Method not given | 1013 |
| | 1,2-benzisothiazol-3(2H)-one | No data available | | |

Flash point (°C): ≈ 37
Sustained combustion: The product does not sustain combustion (UN Manual of Tests and Criteria, section 32, L.2)
Evaporation rate: Not determined
Flammability (solid, gas): Not determined
Upper/lower flammability limit (%): Not determined

Method / remark closed cup

Weight of evidence

Substance data, flammability or explosive limits, if available:

| Ingredient(s) | Lower limit | Upper limit |
|---------------|-------------|-------------|
| | (% vol) | (% vol) |
| propan-2-ol | 2 | 13 |

Vapour pressure: Not determined

| Substance data vapour pressure | |
|--------------------------------|--|

| Ingredient(s) | Value (Pa) | Method | Temperature (°C) |
|------------------------------|-------------------|------------------|---------------------|
| propan-2-ol | 4200 | Method not given | 20 |
| 1,2-benzisothiazol-3(2H)-one | No data available | | |

Method / remark

Method / remark

Vapour density: Not determined Relative density: $\approx 1.00 (20 \ ^{\circ}C)$ Solubility in / Miscibility with Water: Fully miscible

Substance data, solubility in water

| Ingredient(s) | Value (g/l) | Method | Temperature (°C) |
|---------------|----------------|------------------|---------------------|
| propan-2-ol | Soluble | Method not given | |

| 1,2-benzisothiazol-3(2H)-one | No data available | |
|------------------------------|-------------------|--|

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

Autoignition temperature: Not determined Decomposition temperature: Not applicable.

Viscosity: Not determined Explosive properties: Not explosive. Vapours may form explosive mixtures with air. Oxidising properties: Not oxidising.

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

Not relevant to classification of this product

Method / remark

Substance data, dissociation constant, if 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): >5000

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) |
|------------------------------|----------|------------------|---------|------------------|----------------------|
| propan-2-ol | LD 50 | 3570 | Rat | Method not given | |
| 1,2-benzisothiazol-3(2H)-one | LD 50 | > 2000 | Rat | | |

Acute dermal toxicity

| Ingredient(s) | Endpoint | Value (mg/kg) | Species | Method | Exposure time (h) |
|------------------------------|----------|------------------|---------|-------------------|----------------------|
| propan-2-ol | LD 50 | > 2000 | Rabbit | Method not given | |
| 1,2-benzisothiazol-3(2H)-one | LD 50 | > 2000 | Rat | OECD 402 (EU B.3) | |

Acute inhalative toxicity

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|------------------------------|----------|-----------------|---------|-------------------|----------------------|
| propan-2-ol | LC 50 | > 25 (vapour) | Rat | OECD 403 (EU B.2) | 6 |
| 1,2-benzisothiazol-3(2H)-one | | No data | | | |
| | | available | | | |

Irritation and corrosivity

| Skin irritation and corrosivity | | | | |
|---------------------------------|--------|---------|--------|---------------|
| Ingredient(s) | Result | Species | Method | Exposure time |

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| propan-2-ol | Not irritant | Rabbit | OECD 404 (EU B.4) | |
|------------------------------|--------------|--------|-------------------|--|
| 1,2-benzisothiazol-3(2H)-one | Corrosive | | | |

Eye irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|------------------------------|-------------------|---------|-------------------|---------------|
| propan-2-ol | Irritant | Rabbit | OECD 405 (EU B.5) | |
| 1,2-benzisothiazol-3(2H)-one | No data available | | | |

Respiratory tract irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|------------------------------|-------------------|---------|--------|---------------|
| propan-2-ol | No data available | | | |
| 1,2-benzisothiazol-3(2H)-one | No data available | | | |

Sensitisation Sensitisation by skin contact

| Ingredient(s) | Result | Species | Method | Exposure time (h) |
|------------------------------|-----------------|------------|---------------------|-------------------|
| propan-2-ol | Not sensitising | Guinea pig | OECD 406 (EU B.6) / | |
| | | | Buehler test | |
| 1,2-benzisothiazol-3(2H)-one | Sensitising | Guinea pig | | |

Sensitisation by inhalation

| Ingredient(s) | Result | Species | Method | Exposure time |
|------------------------------|-------------------|---------|--------|---------------|
| propan-2-ol | No data available | | | |
| 1,2-benzisothiazol-3(2H)-one | 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) |
|---------------|---|--------------------------|-------------------|---------------------|
| | No evidence for mutagenicity, negative test results | OECD 471 (EU B.12/13) | No data available | |
| | No evidence for mutagenicity, negative test results | OECD 471 (EU B.12/13) | No data available | |

Carcinogenicity

| Ingredient(s) | Effect |
|------------------------------|-------------------|
| propan-2-ol | No data available |
| 1,2-benzisothiazol-3(2H)-one | No data available |

Toxicity for reproduction

| Ingredient(s) | Endpoint | Specific effect | Value (mg/kg bw/d) | Species | Method | Exposure time | Remarks and other effects reported |
|-------------------------|----------|-----------------|-----------------------|---------|--------|------------------|---------------------------------------|
| propan-2-ol | | | No data | | | | |
| | | | available | | | | |
| 1,2-benzisothiazol-3(2H | | | No data | | | | |
|)-one | | | 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 |
|------------------------------|----------|-----------------------|---------|--------|-------------------------|---|
| propan-2-ol | | No data | | | | |
| | | available | | | | |
| 1,2-benzisothiazol-3(2H)-one | | No data | | | | |
| | | available | | | | |

Sub-chronic dermal toxicity

| Ingredient(s) | Endpoint | Value | Species | Method | Exposure | Specific effects and organs |
|------------------------------|----------|--------------|---------|--------|-------------|-----------------------------|
| | | (mg/kg bw/d) | | | time (days) | affected |
| propan-2-ol | | No data | | | | |
| | | available | | | | |
| 1,2-benzisothiazol-3(2H)-one | | No data | | | | |
| | | available | | | | |

Sub-chronic inhalation toxicity

| Ingredient(s) | Endpoint | Value | Species | Method | Exposure | Specific effects and organs |
|------------------------------|----------|--------------|---------|--------|-------------|-----------------------------|
| | | (mg/kg bw/d) | | | time (days) | affected |
| propan-2-ol | | No data | | | | |
| | | available | | | | |
| 1,2-benzisothiazol-3(2H)-one | | No data | | | | |
| | | available | | | | |

Chronic toxicity Exposure Endpoint Value Species Method Exposure Specific effects and Remark Ingredient(s) organs affected (mg/kg bw/d) route time propan-2-ol No data available

| 1,2-benzisothiazol-3(2H | No data | | |
|-------------------------|-----------|--|--|
|)-one | available | | |

STOT-single exposure

| Ingredient(s) | Affected organ(s) |
|------------------------------|-------------------|
| propan-2-ol | No data available |
| 1,2-benzisothiazol-3(2H)-one | No data available |

STOT-repeated exposure

| Ingredient(s) | Affected organ(s) |
|------------------------------|-------------------|
| propan-2-ol | No data available |
| 1,2-benzisothiazol-3(2H)-one | No data available |

Aspiration hazard

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

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) |
|------------------------------|----------|----------------------|------------------------|------------------|----------------------|
| propan-2-ol | LC 50 | > 100 | Pimephales promelas | Method not given | 48 |
| 1,2-benzisothiazol-3(2H)-one | | No data available | | | |

Aquatic short-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value | Species | Method | Exposure |
|------------------------------|----------|----------------------|-------------------------|------------------|----------|
| | | (mg/l) | | | time (h) |
| propan-2-ol | EC 50 | > 100 | Daphnia magna Straus | Method not given | 48 |
| 1,2-benzisothiazol-3(2H)-one | | No data available | | | |

Aquatic short-term toxicity - algae

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|------------------------------|----------|----------------------|----------------------------|------------------|----------------------|
| propan-2-ol | EC 50 | > 100 | Scenedesmus quadricauda | Method not given | 72 |
| 1,2-benzisothiazol-3(2H)-one | | No data available | | | |

Aquatic short-term toxicity - marine species

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (days) |
|------------------------------|----------|-----------------|---------|--------|-------------------------|
| propan-2-ol | | No data | | | - |
| | | available | | | |
| 1,2-benzisothiazol-3(2H)-one | | No data | | | |
| | | available | | | |

Impact on sewage plants - toxicity to bacteria

| Ingredient(s) | Endpoint | Value (mg/l) | Inoculum | Method | Exposure time |
|------------------------------|----------|-----------------|---------------------|------------------|------------------|
| propan-2-ol | EC 50 | > 1000 | Activated sludge | Method not given | |
| 1,2-benzisothiazol-3(2H)-one | EC 20 | 3.3 | Activated sludge | OECD 209 | 3 hour(s) |

Aquatic long-term toxicity - fish

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time | Effects observed |
|------------------------------|----------|-----------------|---------|--------|------------------|------------------|
| propan-2-ol | | No data | | | | |
| | | available | | | | |
| 1,2-benzisothiazol-3(2H)-one | | No data | | | | |
| | | available | | | | |

Aquatic long-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value | Species | Method | Exposure | Effects observed |
|------------------------------|----------|-----------|---------|--------|----------|------------------|
| | | (mg/l) | | | time | |
| propan-2-ol | | No data | | | | |
| | | available | | | | |
| 1,2-benzisothiazol-3(2H)-one | | 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) | |
|------------------------------|----------|---------------------------------|---------|--------|-------------------------|--|
| propan-2-ol | | No data | | | - | |
| | | available | | | | |
| 1,2-benzisothiazol-3(2H)-one | | No data | | | | |
| | | available | | | | |

Terrestrial toxicity

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

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|---------------|----------|-----------------------------|---------|--------|-------------------------|------------------|
| propan-2-ol | | No data available | | | - | |

Terrestrial toxicity - plants, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|---------------|----------|-----------------------------|---------|--------|-------------------------|------------------|
| propan-2-ol | | No data | | | - | |
| | | available | | | | |

Terrestrial toxicity - birds, if available:

| Ingredient(s) | Endpoint | Value | Species | Method | Exposure time (days) | Effects observed |
|---------------|----------|-----------|---------|--------|-------------------------|------------------|
| propan-2-ol | | No data | | | - | |
| | | available | | | | |

Terrestrial toxicity - beneficial insects, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|---------------|----------|-----------------------------|---------|--------|-------------------------|------------------|
| propan-2-ol | | No data available | | | - | |

Terrestrial toxicity - soil bacteria, if available:

| Ingredient(s) | Endpoint | Value (mg/kg dw soil) | Species | Method | Exposure time (days) | Effects observed |
|---------------|----------|-----------------------------|---------|--------|-------------------------|------------------|
| propan-2-ol | | No data 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 Ready biodegradability - aerobic conditions

| Ingredient(s) | Inoculum | Analytical method | DT 50 | Method | Evaluation |
|------------------------------|----------|----------------------|-------------------|-----------------------|----------------------------|
| propan-2-ol | | | 95 % in 21 day(s) | OECD 301E | Readily biodegradable |
| 1,2-benzisothiazol-3(2H)-one | | | | Weight of evidence | Not readily biodegradable. |

Ready biodegradability - anaerobic and marine conditions, if available:

Degradation in relevant environmental compartments, if available:

| Ingredient(s) | Medium & Type | Analytical method | DT 50 | Method | Evaluation |
|------------------------------|--------------------------------------|------------------------|-------|-----------|---------------|
| 1,2-benzisothiazol-3(2H)-one | Sewage treatment plant simulation | Primary degradation | > 90% | OECD 303A | Biodegradable |

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

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| Ingredient(s) | Value | Method | Evaluation | Remark |
|------------------------------|-------|----------|-----------------------------|--------|
| propan-2-ol | 0.05 | OECD 107 | No bioaccumulation expected | |
| 1,2-benzisothiazol-3(2H)-one | 0.7 | OECD 107 | No bioaccumulation expected | |

Bioconcentration factor (BCE)

| Ingredient(s) | Value | Species | Method | Evaluation | Remark |
|----------------------------------|-------------------|---------|----------|------------|--------|
| propan-2-ol | No data available | | | | |
| 1,2-benzisothiazol-3(2H)-one | 6.95 | | OECD 305 | | |

12.4 Mobility in soil

| Adsorption/Desorption to soil or sediment | | | | | |
|---|--------------------------------------|---|--------|-----------------------|--|
| Ingredient(s) | Adsorption coefficient Log Koc | Desorption coefficient Log Koc(des) | Method | Soil/sediment type | Evaluation |
| propan-2-ol | No data available | | | | Potential for mobility in soil, soluble in water |
| 1.2-benzisothiazol-3(2H)-one | 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 Other adverse effects

No other adverse effects known.

| SECTION 13: Disposal considerations | |
|-------------------------------------|--|
| | |

| 13.1 Waste treatment methods | The concentrated contents or contaminated packaging should be disposed of by a certified handler |
|---|---|
| Waste from residues / unused | or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging |
| products: | material is suitable for energy recovery or recycling in line with local legislation. |
| European Waste Catalogue: | 20 01 30 - detergents other than those mentioned in 20 01 29. |
| Empty packaging Recommendation: Suitable cleaning agents: | Dispose of observing national or local regulations. 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

Class: -

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

EU regulations:

Regulation (EC) No 66/2010 on the EU Ecolabel
 Regulation (EC) No 1272/2008 - CLP

- · Regulation (EC) No. 1907/2006 REACH
- · Regulation (EC) No. 648/2004 Detergents regulation

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

Ingredients according to EC Detergents Regulation 648/2004

anionic surfactants, non-ionic surfactants

perfumes, Benzisothiazolinone, Hydroxycitronellal

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

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

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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

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This data sheet contains changes from the previous version in section(s):, 2, 3, 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:

- H225 Highly flammable liquid and vapour.
 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.
- H330 Fatal if inhaled.
- · H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.

Abbreviations and acronyms:

- AISE The international Association for Soaps, Detergents and Maintenance Products
 DNEL Derived No Effect Limit
- EUH CLP Specific hazard statement
- PBT Persistent, Bioaccumulative and Toxic
- PNEC Predicted No Effect Concentration
- REACH number REACH registration number, without supplier specific part
- vPvB very Persistent and very Bioaccumulative ATE - Acute Toxicity Estimate

End of Safety Data Sheet