



TASKI Tapi Extract C1b

Revision: 2023-02-10

Version: 01.4

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

1.1 Product identifier

Trade name: TASKI Tapi Extract C1b

UFI: KFP3-F0N6-V00K-FF7S

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

Product use: Carpet / Upholstery 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_11_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

None.

Hazard statements:

EUH210 - Safety data sheet available on request.

Further indications on the label:

Contains: preservative.

2.3 Other hazards

None.
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] | 111905-53-4 | [4] | Acute Tox. 4 (H302) Eye Irrit. 2 (H319) Aquatic Chronic 3 | | 3-10 |

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| | | | | | |
|------------------------------|-----------|------------|------------------|---|--------|
| | | | | (H412) | |
| alkyl alcohol ethoxylate | [4] | 68439-49-6 | [4] | Eye Irrit. 2 (H319) | 1-3 |
| sodium cumenesulphonate | 239-854-6 | 15763-76-5 | 01-2119489411-37 | Eye Irrit. 2 (H319) | 1-3 |
| 1,2-benzisothiazol-3(2H)-one | 220-120-9 | 2634-33-5 | [6] | Acute Tox. 2 (H330) Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) | < 0.01 |

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

ATE, if available, are listed in section 11.

[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 for classification and labelling purposes only. Each starting material of the ionic mixture is registered, as required.

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

[6] Exempted: biocidal active. See Article 15(2) of Regulation (EC) No 1907/2006.

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

SECTION 4: First aid measures

4.1 Description of first aid measures

| | |
|--|---|
| 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:

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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 advised by Diversey. Do not breathe spray.

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**

None.

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 | No data available | No data available | No data available | No data available |
| alkyl alcohol ethoxylate | - | - | - | - |
| sodium cumenesulphonate | - | - | - | 3.8 |
| 1,2-benzisothiazol-3(2H)-one | - | - | - | - |

DNEL/DMEL dermal exposure - Worker

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects (mg/kg bw) | Long term - Local effects | Long term - Systemic effects (mg/kg bw) |
|------------------------------|----------------------------|--|---------------------------|---|
| alkyl alcohol alkoxylate | No data available | No data available | No data available | No data available |
| alkyl alcohol ethoxylate | - | - | - | - |
| sodium cumenesulphonate | - | - | - | 136.25 |
| 1,2-benzisothiazol-3(2H)-one | - | - | - | - |

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 | No data available | No data available | No data available | No data available |
| alkyl alcohol ethoxylate | - | - | - | - |
| sodium cumenesulphonate | - | - | - | 68.1 |
| 1,2-benzisothiazol-3(2H)-one | - | - | - | - |

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 | No data available | No data available | No data available | No data available |
| alkyl alcohol ethoxylate | - | - | - | - |
| sodium cumenesulphonate | - | - | - | 26.9 |
| 1,2-benzisothiazol-3(2H)-one | - | - | - | - |

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

| Ingredient(s) | Short term - Local effects | Short term - Systemic effects | Long term - Local effects | Long term - Systemic effects |
|------------------------------|----------------------------|-------------------------------|---------------------------|------------------------------|
| alkyl alcohol alkoxylate | No data available | No data available | No data available | No data available |
| alkyl alcohol ethoxylate | - | - | - | - |
| sodium cumenesulphonate | - | - | - | 6.6 |
| 1,2-benzisothiazol-3(2H)-one | - | - | - | - |

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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 | No data available | No data available | No data available | No data available |
| alkyl alcohol ethoxylate | - | - | - | - |
| sodium cumenesulphonate | 0.23 | 0.023 | 2.3 | 100 |
| 1,2-benzisothiazol-3(2H)-one | 0.0026 | 0.00026 | - | 0.055 |

Environmental exposure - PNEC, continued

| Ingredient(s) | Sediment, freshwater (mg/kg) | Sediment, marine (mg/kg) | Soil (mg/kg) | Air (mg/m ³) |
|------------------------------|------------------------------|--------------------------|-------------------|--------------------------|
| alkyl alcohol alkoxylate | No data available | No data available | No data available | No data available |
| alkyl alcohol ethoxylate | - | - | - | - |
| sodium cumenesulphonate | 0.862 | 0.0862 | 0.037 | - |
| 1,2-benzisothiazol-3(2H)-one | 0.0132 | - | 0.33 | - |

8.2 Exposure controls

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

Recommended safety measures for handling the undiluted product:

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

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

REACH use scenarios considered for the undiluted product:

| | SWED - Sector-specific worker exposure description | LCS | PROC | Duration (min) | ERC |
|------------------------------|--|-----|---------|----------------|-------|
| Manual transfer and dilution | AISE_SWED_PW_8a_2 | PW | PROC 8a | 60 | ERC8a |

Personal protective equipment**Eye / face protection:**

Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product (EN 166).

Hand protection:

No special requirements under normal use conditions.

Body protection:

No special requirements under normal use conditions.

Respiratory protection:

No special requirements under normal use conditions.

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

Recommended safety measures for handling the diluted product:

Recommended maximum concentration (% w/w): 10

Appropriate engineering controls: Provide a good standard of general ventilation.

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

REACH use scenarios considered for the diluted product:

| | SWED | LCS | PROC | Duration (min) | ERC |
|---|-------------------|-----|---------|----------------|-------|
| Machine application | AISE_SWED_PW_10_1 | PW | PROC 10 | 480 | ERC8a |
| Manual application by brushing, wiping or mopping | | | | | |
| Spray application | AISE_SWED_PW_11_1 | PW | PROC 11 | 60 | ERC8a |
| 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.

Hand protection:

No special requirements under normal use conditions.

Body protection:

No special requirements under normal use conditions.

Respiratory protection:

Trigger spray bottle application: No special requirements under normal use conditions. Apply technical measures to comply with the occupational exposure limits, if available.

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

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

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

Physical state: Liquid**Colour:** Clear , Pale , Yellow**Odour:** Product specific**Odour threshold:** Not applicable**Melting point/freezing point (°C):** Not determined**Initial boiling point and boiling range (°C):** Not determined**Method / remark**Not relevant to classification of this product
See substance data

Substance data, boiling point

| Ingredient(s) | Value (°C) | Method | Atmospheric pressure (hPa) |
|------------------------------|-------------------|--------|----------------------------|
| alkyl alcohol alkoxylate | No data available | | |
| alkyl alcohol ethoxylate | No data available | | |
| sodium cumenesulphonate | No data available | | |
| 1,2-benzisothiazol-3(2H)-one | No data available | | |

Method / remark**Flammability (solid, gas):** Not applicable to liquids**Flammability (liquid):** Not flammable.**Flash point (°C):** > 60 °C**Sustained combustion:** The product does not sustain combustion
(UN Manual of Tests and Criteria, section 32, L.2)**Lower and upper explosion limit/flammability limit (%):** Not determinedclosed cup
Weight of evidence

Substance data, flammability or explosive limits, if available:

Method / remark**Autoignition temperature:** Not determined**Decomposition temperature:** Not applicable.**pH:** ≈ 7 (neat)**Dilution pH:** ≈ 7 (10 %)**Kinematic viscosity:** Not determined**Solubility in / Miscibility with water:** Fully miscibleISO 4316
ISO 4316

Substance data, solubility in water

| Ingredient(s) | Value (g/l) | Method | Temperature (°C) |
|------------------------------|-------------------|------------------|------------------|
| alkyl alcohol alkoxylate | No data available | | |
| alkyl alcohol ethoxylate | Soluble | Method not given | |
| sodium cumenesulphonate | 493 Soluble | Method not given | 20 |
| 1,2-benzisothiazol-3(2H)-one | No data available | | |

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

Method / remark**Vapour pressure:** Not determined

See substance data

Substance data, vapour pressure

| Ingredient(s) | Value (Pa) | Method | Temperature (°C) |
|------------------------------|-------------------|------------------|------------------|
| alkyl alcohol alkoxylate | No data available | | |
| alkyl alcohol ethoxylate | < 10 | Method not given | 20 |
| sodium cumenesulphonate | No data available | | |
| 1,2-benzisothiazol-3(2H)-one | No data available | | |

Method / remark**Relative density:** ≈ 1.03 (20 °C)**Relative vapour density:** -**Particle characteristics:** No data available.OECD 109 (EU A.3)
Not relevant to classification of this product
Not applicable to liquids.**9.2 Other information****9.2.1 Information with regard to physical hazard classes****Explosive properties:** Not explosive. Vapours may form explosive mixtures with air.**Oxidising properties:** Not oxidising.**Corrosion to metals:** Not corrosive

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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 hazard classes as defined in Regulation (EC) No 1272/2008**

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 alkoxyolate | LD ₅₀ | ≥ 300-2000 | Rat | Method not given | | Not established |
| alkyl alcohol ethoxyolate | LD ₅₀ | > 2000 | Rat | Method not given | | Not established |
| sodium cumenesulphonate | LD ₅₀ | > 7000 | Rat | Method not given | | Not established |
| 1,2-benzisothiazol-3(2H)-one | LD ₅₀ | > 2000 | Rat | | | 450 |

Acute dermal toxicity

| Ingredient(s) | Endpoint | Value (mg/kg) | Species | Method | Exposure time (h) | ATE (mg/kg) |
|------------------------------|------------------|-------------------|---------|-------------------|-------------------|-----------------|
| alkyl alcohol alkoxyolate | | No data available | | | | Not established |
| alkyl alcohol ethoxyolate | | No data available | | | | Not established |
| sodium cumenesulphonate | LD ₅₀ | > 2000 | Rabbit | Method not given | | Not established |
| 1,2-benzisothiazol-3(2H)-one | LD ₅₀ | > 2000 | Rat | OECD 402 (EU B.3) | | Not established |

Acute inhalative toxicity

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|------------------------------|------------------|----------------------------------|---------|-------------|-------------------|
| alkyl alcohol alkoxyolate | | No data available | | | |
| alkyl alcohol ethoxyolate | | No data available | | | |
| sodium cumenesulphonate | LC ₅₀ | > 5 (mist) No mortality observed | Rat | Read across | 3.87 |
| 1,2-benzisothiazol-3(2H)-one | | No data available | | | |

Acute inhalative toxicity, continued

| Ingredient(s) | ATE - inhalation, dust | ATE - inhalation, mist | ATE - inhalation, | ATE - inhalation, gas |
|---------------|------------------------|------------------------|-------------------|-----------------------|
|---------------|------------------------|------------------------|-------------------|-----------------------|

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| | (mg/l) | (mg/l) | vapour (mg/l) | (mg/l) |
|------------------------------|-----------------|-----------------|-----------------|-----------------|
| alkyl alcohol alkoxylate | Not established | Not established | Not established | Not established |
| alkyl alcohol ethoxylate | Not established | Not established | Not established | Not established |
| sodium cumenesulphonate | Not established | Not established | Not established | Not established |
| 1,2-benzisothiazol-3(2H)-one | Not established | 0.21 | Not established | Not established |

Irritation and corrosivity

Skin irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|------------------------------|---------------|---------|--------------------|---------------|
| alkyl alcohol alkoxylate | Mild irritant | Rabbit | OECD 404 (EU B.4) | |
| alkyl alcohol ethoxylate | Not irritant | Rabbit | Non guideline test | |
| sodium cumenesulphonate | Not irritant | Rabbit | OECD 404 (EU B.4) | |
| 1,2-benzisothiazol-3(2H)-one | Corrosive | | Method not given | |

Eye irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|------------------------------|---------------------------|---------|--------------------|---------------|
| alkyl alcohol alkoxylate | Irritant | Rabbit | OECD 405 (EU B.5) | |
| alkyl alcohol ethoxylate | Not corrosive or irritant | Rabbit | Non guideline test | |
| sodium cumenesulphonate | Irritant | Rabbit | OECD 405 (EU B.5) | |
| 1,2-benzisothiazol-3(2H)-one | Severe damage | | Method not given | |

Respiratory tract irritation and corrosivity

| Ingredient(s) | Result | Species | Method | Exposure time |
|------------------------------|-------------------|---------|--------|---------------|
| alkyl alcohol alkoxylate | No data available | | | |
| alkyl alcohol ethoxylate | No data available | | | |
| sodium cumenesulphonate | 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) |
|------------------------------|-------------------|------------|--------------------------|-------------------|
| alkyl alcohol alkoxylate | No data available | | | |
| alkyl alcohol ethoxylate | Not sensitising | | Method not given | |
| sodium cumenesulphonate | Not sensitising | Guinea pig | OECD 406 (EU B.6) / GPMT | |
| 1,2-benzisothiazol-3(2H)-one | Sensitising | Guinea pig | | |

Sensitisation by inhalation

| Ingredient(s) | Result | Species | Method | Exposure time |
|------------------------------|-------------------|---------|--------|---------------|
| alkyl alcohol alkoxylate | No data available | | | |
| alkyl alcohol ethoxylate | No data available | | | |
| sodium cumenesulphonate | 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) |
|------------------------------|---|-----------------------|---|--------------------|
| alkyl alcohol alkoxylate | No data available | | No data available | |
| alkyl alcohol ethoxylate | No data available | | No data available | |
| sodium cumenesulphonate | No evidence for mutagenicity, negative test results | Method not given | No evidence for mutagenicity, negative test results | OECD 474 (EU B.12) |
| 1,2-benzisothiazol-3(2H)-one | No evidence for mutagenicity, negative test results | OECD 471 (EU B.12/13) | No data available | |

Carcinogenicity

| Ingredient(s) | Effect |
|------------------------------|--|
| alkyl alcohol alkoxylate | No data available |
| alkyl alcohol ethoxylate | No data available |
| sodium cumenesulphonate | No evidence for carcinogenicity, negative test results |
| 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 |
|--------------------------|----------|-----------------|--------------------|---------|--------|---------------|------------------------------------|
| alkyl alcohol alkoxylate | | | No data available | | | | |

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| | | | | | | | |
|------------------------------|-------|---------------------|-------------------|-----|--------------------|--|--|
| alkyl alcohol ethoxylate | | | No data available | | | | |
| sodium cumenesulphonate | NOAEL | Teratogenic effects | > 936 | Rat | Non guideline test | | No known significant effects or critical hazards |
| 1,2-benzisothiazol-3(2H)-one | | | 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 alkoxyolate | | No data available | | | | |
| alkyl alcohol ethoxylate | | No data available | | | | |
| sodium cumenesulphonate | NOAEL | 763 - 3534 | Rat | OECD 408 (EU B.26) | | No effects observed |
| 1,2-benzisothiazol-3(2H)-one | | 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 alkoxyolate | | No data available | | | | |
| alkyl alcohol ethoxylate | | No data available | | | | |
| sodium cumenesulphonate | | No data available | | | | |
| 1,2-benzisothiazol-3(2H)-one | | No data available | | | | |

Sub-chronic inhalation toxicity

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

Chronic toxicity

| Ingredient(s) | Exposure route | Endpoint | Value (mg/kg bw/d) | Species | Method | Exposure time | Specific effects and organs affected | Remark |
|------------------------------|----------------|----------|--------------------|---------|--------|---------------|--------------------------------------|--------|
| alkyl alcohol alkoxyolate | | | No data available | | | | | |
| alkyl alcohol ethoxylate | | | No data available | | | | | |
| sodium cumenesulphonate | | | No data available | | | | | |
| 1,2-benzisothiazol-3(2H)-one | | | No data available | | | | | |

STOT-single exposure

| Ingredient(s) | Affected organ(s) |
|------------------------------|-------------------|
| alkyl alcohol alkoxyolate | No data available |
| alkyl alcohol ethoxylate | No data available |
| sodium cumenesulphonate | Not applicable |
| 1,2-benzisothiazol-3(2H)-one | No data available |

STOT-repeated exposure

| Ingredient(s) | Affected organ(s) |
|------------------------------|-------------------|
| alkyl alcohol alkoxyolate | No data available |
| alkyl alcohol ethoxylate | No data available |
| sodium cumenesulphonate | Not applicable |
| 1,2-benzisothiazol-3(2H)-one | No data available |

Aspiration hazard

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

Potential adverse health effects and symptoms

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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

None.

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 (mg/l) | Species | Method | Exposure time (h) |
|------------------------------|------------------|--------------|----------------------------|--------------------|-------------------|
| alkyl alcohol alkoxylate | LC ₅₀ | > 1 - 10 | <i>Leuciscus idus</i> | Method not given | 96 |
| alkyl alcohol ethoxylate | LC ₅₀ | 1 - 10 | <i>Leuciscus idus</i> | Method not given | 96 |
| sodium cumenesulphonate | LC ₅₀ | > 1000 | <i>Fish</i> | EPA-OPPTS 850.1075 | 96 |
| 1,2-benzisothiazol-3(2H)-one | LC ₅₀ | 2.18 | <i>Oncorhynchus mykiss</i> | OECD 203 (EU C.1) | |

Aquatic short-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|------------------------------|------------------|-------------------|-----------------------------|-------------------|-------------------|
| alkyl alcohol alkoxylate | EC ₅₀ | > 1 - 10 | <i>Daphnia magna Straus</i> | Method not given | 48 |
| alkyl alcohol ethoxylate | | No data available | | | |
| sodium cumenesulphonate | EC ₅₀ | > 1000 | <i>Daphnia magna Straus</i> | OECD 202 (EU C.2) | 48 |
| 1,2-benzisothiazol-3(2H)-one | EC ₅₀ | 2.94 | <i>Daphnia</i> | OECD 202 (EU C.2) | 48 |

Aquatic short-term toxicity - algae

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time (h) |
|------------------------------|--------------------------------|-------------------|----------------------|--------------------|-------------------|
| alkyl alcohol alkoxylate | | No data available | | | |
| alkyl alcohol ethoxylate | | No data available | | | |
| sodium cumenesulphonate | E _b C ₅₀ | > 230 | <i>Not specified</i> | EPA OPPTS 850.5400 | 96 |
| 1,2-benzisothiazol-3(2H)-one | E _r C ₅₀ | 0.11 | | 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 | | | |
| sodium cumenesulphonate | | 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 |
|------------------------------|--------------------------------|--------------|-------------------------|----------|---------------|
| alkyl alcohol alkoxylate | EC ₁₀ | > 1000 | <i>Activated sludge</i> | DEV-L2 | |
| alkyl alcohol ethoxylate | EC ₁₀ | > 5000 | <i>Activated sludge</i> | DEV-L2 | |
| sodium cumenesulphonate | E _r C ₅₀ | > 1000 | <i>Bacteria</i> | OECD 209 | 3 hour(s) |
| 1,2-benzisothiazol-3(2H)-one | EC ₂₀ | 3.3 | <i>Activated sludge</i> | OECD 209 | 3 hour(s) |

Aquatic long-term toxicity

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

Aquatic long-term toxicity - crustacea

| Ingredient(s) | Endpoint | Value (mg/l) | Species | Method | Exposure time | Effects observed |
|------------------------------|----------|-------------------|----------------------|----------|---------------|------------------|
| alkyl alcohol alkoxylate | NOEC | > 0.1 - 1 | <i>Daphnia magna</i> | OECD 202 | 21 day(s) | |
| alkyl alcohol ethoxylate | | No data available | | | | |
| sodium cumenesulphonate | | 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) | Effects observed |
|------------------------------|----------|---------------------------|---------|--------|----------------------|------------------|
| alkyl alcohol alkoxylate | | No data available | | | | |
| alkyl alcohol ethoxylate | | No data available | | | | |
| sodium cumenesulphonate | | No data available | | | | |
| 1,2-benzisothiazol-3(2H)-one | | 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

None.

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 |
|------------------------------|--------------------------|----------------------------|-------------------------|-----------|----------------------------|
| alkyl alcohol alkoxylate | Activated sludge, aerobe | CO ₂ production | > 60 % in 28 day(s) | OECD 301B | Readily biodegradable |
| alkyl alcohol ethoxylate | Activated sludge, aerobe | CO ₂ production | > 60 % in 28 day(s) | OECD 301B | Readily biodegradable |
| sodium cumenesulphonate | | CO ₂ production | 103 - 109% in 28 day(s) | OECD 301B | Readily biodegradable |
| 1,2-benzisothiazol-3(2H)-one | Adapted activated sludge | CO ₂ production | 62% in 4 day(s) | OECD 301C | Not readily biodegradable. |

Ready biodegradability - anaerobic and marine conditions, if available:

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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

None.

Partition coefficient n-octanol/water (log Kow)

| Ingredient(s) | Value | Method | Evaluation | Remark |
|------------------------------|-------------------|------------------|-----------------------------|--------|
| alkyl alcohol alkoxylate | No data available | | | |
| alkyl alcohol ethoxylate | No data available | | No bioaccumulation expected | |
| sodium cumenesulphonate | -1.1 | Method not given | No bioaccumulation expected | |
| 1,2-benzisothiazol-3(2H)-one | 0.7 | OECD 107 | No bioaccumulation expected | |

Bioconcentration factor (BCF)

| Ingredient(s) | Value | Species | Method | Evaluation | Remark |
|------------------------------|-------------------|---------|----------|------------|--------|
| alkyl alcohol alkoxylate | No data available | | | | |
| alkyl alcohol ethoxylate | No data available | | | | |
| sodium cumenesulphonate | No data available | | | | |
| 1,2-benzisothiazol-3(2H)-one | 6.95 | | OECD 305 | | |

12.4 Mobility in soil

None.

Adsorption/Desorption to soil or sediment

| 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 | | | | Potential for adsorption to soil |
| sodium cumenesulphonate | No data available | | | | |
| 1,2-benzisothiazol-3(2H)-one | No data available | | | | |

12.5 Results of PBT and vPvB assessment

None.

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

12.6 Endocrine disrupting properties

None.

Endocrine disrupting properties - Environmental effects, if available:

12.7 Other adverse effects

None.

No other adverse effects known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste from residues / unused products:

The concentrated contents or contaminated packaging should be disposed of by a certified handler or according to the site permit. Release of waste to sewers is discouraged. The cleaned packaging material is suitable for energy recovery or recycling in line with local legislation.

European Waste Catalogue:

20 01 30 - detergents other than those mentioned in 20 01 29.

Empty packaging

Recommendation:

Dispose of observing national or local regulations.

Suitable cleaning agents:

Water, if necessary with cleaning agent.

SECTION 14: Transport information

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

14.1 UN number or ID number: Non-dangerous goods

14.2 UN proper shipping name: Non-dangerous goods

14.3 Transport hazard class(es): Non-dangerous goods

14.4 Packing group: Non-dangerous goods

14.5 Environmental hazards: Non-dangerous goods

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14.6 Special precautions for user: Non-dangerous goods

14.7 Maritime transport in bulk according to IMO instruments: Non-dangerous goods

SECTION 15: Regulatory information

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

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 | < 5 % |
| perfumes , Hexyl Cinnamal, 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

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This data sheet contains changes from the previous version in section(s):, 1, 3, 8, 9, 15, 11, 12, 16, Overall design adjusted in accordance with Amendment 2020/878, Annex II of Regulation (EC) No 1907/2006

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.
- 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.
- H400 - Very toxic to aquatic life.
- H410 - Very toxic to aquatic life with long lasting effects.
- H412 - Harmful to aquatic life with long lasting effects.

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

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- 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