

according to UK REACH Regulation

**F 720 BLUe**

Revision date: 24.10.2022

Product code: 89300229

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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UFI: 0YUX-0A1Y-K98D-MG58

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Neutral detergent

**1.3. Details of the supplier of the safety data sheet****Manufacturer**

Company name: Winterhalter Gastronom GmbH  
Street: Winterhalterstrasse 2 - 12  
Place: D-88074 Meckenbeuren  
Telephone: +49 7542 4020  
e-mail: info@winterhalter.com  
Contact person: Business Unit Chemicals  
e-mail: sds@winterhalter.com  
Internet: www.winterhalter.com

**Supplier**

Company name: Winterhalter Ltd.  
Street: Winterhalter House, Roebuck Way  
Place: GB Knowlhill Milton Keynes MK5 8WH  
Telephone: +44 1908 3590-00  
e-mail: info@winterhalter.co.uk  
Contact person: Business Unit Chemicals  
e-mail: sds@winterhalter.com  
Internet: www.winterhalter.co.uk

**1.4. Emergency telephone number:**

Domestic emergency number (Chemtrec): +44 20 3807 3798  
international emergency number (Chemtrec): +44 20 3885 0382

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

**2.2. Label elements****GB CLP Regulation****Precautionary statements**

P501 Dispose of waste according to applicable legislation.

**Special labelling of certain mixtures**

EUH208 Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.  
EUH210 Safety data sheet available on request.

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

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**Hazardous components**

| CAS No      | Chemical name  |              |                  | Quantity    |
|-------------|--|--------------|------------------|-------------|
|             | EC No  | Index No     | REACH No         |             |
|             | Classification (GB CLP Regulation)   |              |                  |             |
| 68439-51-0  | Alcohols, C12-14 (even numbered), ethoxylated propoxylated ( $\geq 2.5$ moles EO/PO)             |              |                  | 5 - < 10 %  |
|             | 931-986-9  |              |                  |             |
|             | Aquatic Chronic 3; H412  |              |                  |             |
| 15763-76-5  | sodium p-cumenesulphonate  |              |                  | 2.5 - < 5 % |
|             | 239-854-6  |              | 01-2119489411-37 |             |
|             | Eye Irrit. 2; H319   |              |                  |             |
| 164524-02-1 | Potassium p-cumenesulphonate   |              |                  | 2.5 - < 5 % |
|             | 629-764-9  |              | 01-2119489427-24 |             |
|             | Eye Irrit. 2; H319   |              |                  |             |
| 2634-33-5   | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one   |              |                  | < 0.1 %     |
|             | 220-120-9  | 613-088-00-6 | 01-2120761540-60 |             |
|             | Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400 |              |                  |             |

Full text of H and EUH statements: see section 16.

**Specific Conc. Limits, M-factors and ATE**

| CAS No      | EC No     | Chemical name  | Quantity    |
|-------------|-----------|--|-------------|
|             |           | Specific Conc. Limits, M-factors and ATE   |             |
| 68439-51-0  | 931-986-9 | Alcohols, C12-14 (even numbered), ethoxylated propoxylated ( $\geq 2.5$ moles EO/PO)     | 5 - < 10 %  |
|             |           | oral: LD50 = >2000-5000 mg/kg  |             |
| 15763-76-5  | 239-854-6 | sodium p-cumenesulphonate  | 2.5 - < 5 % |
|             |           | dermal: LD50 = >2000 mg/kg; oral: LD50 = >5000 mg/kg                                     |             |
| 164524-02-1 | 629-764-9 | Potassium p-cumenesulphonate   | 2.5 - < 5 % |
|             |           | dermal: LD50 = >2000 mg/kg; oral: LD50 = >2000 mg/kg                                     |             |
| 2634-33-5   | 220-120-9 | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one                                 | < 0.1 %     |
|             |           | dermal: LD50 = >2000 mg/kg; oral: LD50 = 670 mg/kg Skin Sens. 1; H317: $\geq 0,05$ - 100 |             |

**Labelling for contents according to Regulation (EC) No 648/2004**

5 % - < 15 % non-ionic surfactants, 5 % - < 15 % amphoteric surfactants, < 5 % phosphonates, preservation agents (Benzisothiazolinone).

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

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion**

Rinse mouth immediately and drink 1 glass of water.

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

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No information available.

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

Treat symptomatically.

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

Co-ordinate fire-fighting measures to the fire surroundings.

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

Non-flammable.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Use personal protection equipment.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up****For cleaning up**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

No special measures are necessary.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Advice on general occupational hygiene**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed.

**Hints on joint storage**

No special measures are necessary.

**7.3. Specific end use(s)**

Neutral detergent

**SECTION 8: Exposure controls/personal protection**

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**8.1. Control parameters****Exposure limits (EH40)**

| CAS No    | Substance        | ppm | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|-----------|------------------|-----|-------------------|-----------|---------------|--------|
| 1310-73-2 | Sodium hydroxide | -   | 2                 |           | STEL (15 min) | WEL    |

**DNEL/DMEL values**

| CAS No                   | Substance  | Exposure route | Effect                   | Value |
|--------------------------|--|----------------|--------------------------|-------|
| 15763-76-5               | sodium p-cumenesulphonate                                |                |                          |       |
| Worker DNEL, long-term   | dermal   | systemic       | 136,25 mg/kg bw/day      |       |
| Worker DNEL, long-term   | inhalation   | systemic       | 26,9 mg/m <sup>3</sup>   |       |
| Worker DNEL, long-term   | dermal   | local          | 0,096 mg/cm <sup>2</sup> |       |
| Consumer DNEL, long-term | dermal   | systemic       | 68,1 mg/kg bw/day        |       |
| Consumer DNEL, long-term | inhalation   | systemic       | 6,6 mg/m <sup>3</sup>    |       |
| Consumer DNEL, long-term | oral   | systemic       | 3,8 mg/kg bw/day         |       |
| Consumer DNEL, long-term | dermal   | local          | 0,048 mg/cm <sup>2</sup> |       |
| 164524-02-1              | Potassium p-cumenesulphonate                             |                |                          |       |
| Worker DNEL, long-term   | dermal   | systemic       | 136,5 mg/kg bw/day       |       |
| Worker DNEL, long-term   | inhalation   | systemic       | 26,9 mg/m <sup>3</sup>   |       |
| Worker DNEL, long-term   | dermal   | local          | 0,096 mg/cm <sup>2</sup> |       |
| Consumer DNEL, long-term | dermal   | systemic       | 68,1 mg/kg bw/day        |       |
| Consumer DNEL, long-term | inhalation   | systemic       | 6,6 mg/m <sup>3</sup>    |       |
| Consumer DNEL, long-term | oral   | systemic       | 3,8 mg/kg bw/day         |       |
| Consumer DNEL, long-term | dermal   | local          | 0,048 mg/cm <sup>2</sup> |       |
| 2634-33-5                | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one |                |                          |       |
| Worker DNEL, long-term   | inhalation   | systemic       | 6,81 mg/m <sup>3</sup>   |       |
| Worker DNEL, long-term   | dermal   | systemic       | 0,966 mg/kg bw/day       |       |
| 1310-73-2                | sodium hydroxide; caustic soda                           |                |                          |       |
| Worker DNEL, long-term   | inhalation   | local          | 1 mg/m <sup>3</sup>      |       |
| Consumer DNEL, long-term | inhalation   | local          | 1 mg/m <sup>3</sup>      |       |

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## PNEC values

| CAS No   | Substance  |               |
|--|--|---------------|
| Environmental compartment                        |  | Value         |
| 15763-76-5                                       | sodium p-cumenesulphonate                                |               |
| Freshwater                                       |  | 0,23 mg/l     |
| Marine water                                     |  | 0,023 mg/l    |
| Freshwater sediment                              |  | 0,862 mg/kg   |
| Marine sediment                                  |  | 0,0862 mg/kg  |
| Micro-organisms in sewage treatment plants (STP) |  | 100 mg/l      |
| Soil   |  | 0,037 mg/kg   |
| 164524-02-1                                      | Potassium p-cumenesulphonate                             |               |
| Freshwater                                       |  | 0,23 mg/l     |
| Marine water                                     |  | 0,023 mg/l    |
| Freshwater sediment                              |  | 0,862 mg/kg   |
| Marine sediment                                  |  | 0,0862 mg/kg  |
| Micro-organisms in sewage treatment plants (STP) |  | 100 mg/l      |
| Soil   |  | 0,037 mg/kg   |
| 2634-33-5  | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one |               |
| Freshwater                                       |  | 0,00403 mg/l  |
| Marine water                                     |  | 0,000403 mg/l |
| Freshwater sediment                              |  | 0,0499 mg/kg  |
| Marine sediment                                  |  | 0,00499 mg/kg |
| Micro-organisms in sewage treatment plants (STP) |  | 1,03 mg/l     |
| Soil   |  | 3 mg/kg       |

## 8.2. Exposure controls

## Appropriate engineering controls

Open windows to ensure natural ventilation.

## Individual protection measures, such as personal protective equipment

## Eye/face protection

Suitable eye protection: Eye glasses (EN 166)

## Hand protection

Use of protective gloves (EN 374)

## Skin protection

Wear suitable protective clothing.

## Respiratory protection

Not required if handled as intended.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

|   |                  |
|---|------------------|
| Physical state:   | Liquid           |
| Colour:   | light yellow     |
| Odour:  | product-specific |
| Melting point/freezing point:                             | -8 °C            |
| Boiling point or initial boiling point and boiling range: | 100 °C           |

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**Flammability**

Solid/liquid:

not applicable

Gas:

not applicable

Lower explosion limits:

not applicable

Upper explosion limits:

not applicable

Flash point:

not determined

Auto-ignition temperature:

not determined

Decomposition temperature:

not determined

pH-Value (at 20 °C):

9,5 - 10,7

Water solubility:

easily soluble

Solubility in other solvents

not determined

Partition coefficient n-octanol/water:

not determined

Vapour pressure:

not determined

Density (at 20 °C):

1,08 g/cm<sup>3</sup>

Relative vapour density:

not determined

**9.2. Other information****Information with regard to physical hazard classes**

Explosive properties

The product is not: Explosive.

Oxidizing properties

The product is not: oxidising.

**Other safety characteristics**

Evaporation rate:

not determined

Solid content:

not determined

Viscosity / dynamic:

&lt; 10 mPa·s

(at 20 °C)

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

none

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No decomposition when stored and used as directed.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

Based on available data, the classification criteria are not met.

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| CAS No      | Chemical name  |                       |                 |                  |          |
|-------------|--|-----------------------|-----------------|------------------|----------|
|             | Exposure route   | Dose                  | Species         | Source           | Method   |
| 68439-51-0  | Alcohols, C12-14 (even numbered), ethoxylated propoxylated ( $\geq 2.5$ moles EO/PO) |                       |                 |                  |          |
|             | oral   | LD50 >2000-5000 mg/kg | Rat             | Manufacturer     |          |
| 15763-76-5  | sodium p-cumenesulphonate  |                       |                 |                  |          |
|             | oral   | LD50 >5000 mg/kg      | Rat             | Manufacturer     | OECD 401 |
|             | dermal   | LD50 >2000 mg/kg      | Rabbit          | literature value |          |
| 164524-02-1 | Potassium p-cumenesulphonate   |                       |                 |                  |          |
|             | oral   | LD50 >2000 mg/kg      | Rat             | Manufacturer     | OECD 401 |
|             | dermal   | LD50 >2000 mg/kg      | Rabbit          | Manufacturer     | OECD 402 |
| 2634-33-5   | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one                             |                       |                 |                  |          |
|             | oral   | LD50 670 mg/kg        | Rat male        | Manufacturer     | OECD 401 |
|             | dermal   | LD50 >2000 mg/kg      | Rat male female | Manufacturer     | OECD 402 |

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.

**Sensitising effects**

Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2. Information on other hazards****Endocrine disrupting properties**

No information available.

**Further information**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

**SECTION 12: Ecological information****12.1. Toxicity**

The product is not: Ecotoxic.

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| CAS No      | Chemical name  |                |           |  |                  |          |
|-------------|--|----------------|-----------|--|------------------|----------|
|             | Aquatic toxicity   | Dose           | [h]   [d] | Species  | Source           | Method   |
| 68439-51-0  | Alcohols, C12-14 (even numbered), ethoxylated propoxylated ( $\geq 2.5$ moles EO/PO) |                |           |  |                  |          |
|             | Acute fish toxicity  | LC50<br>mg/l   | >1-10     | 96 h<br>Poecilia reticulata<br>(Guppy)         | Manufacturer     | OECD 203 |
|             | Acute algae toxicity   | ErC50<br>mg/l  | >1-10     | 72 h<br>Desmodesmus<br>subspicatus             | Manufacturer     | OECD 201 |
|             | Acute crustacea toxicity   | EC50<br>mg/l   | >1-10     | 48 h<br>Daphnia magna (Big<br>water flea)      | Manufacturer     | OECD 202 |
| 15763-76-5  | sodium p-cumenesulphonate  |                |           |  |                  |          |
|             | Acute fish toxicity  | LC50<br>mg/l   | >100      | 96 h<br>Oncorhynchus mykiss<br>(Rainbow trout) | literature value |          |
|             | Acute algae toxicity   | ErC50<br>mg/l  | >100      | 96 h<br>Pseudokirchneriella<br>subcapitata     | literature value |          |
|             | Acute crustacea toxicity   | EC50<br>mg/l   | >100      | 48 h<br>Daphnia magna (Big<br>water flea)      | literature value |          |
|             | Acute bacteria toxicity  | (EC50<br>mg/l) | >1000     | 3 h  | Manufacturer     | OECD 209 |
| 164524-02-1 | Potassium p-cumenesulphonate   |                |           |  |                  |          |
|             | Acute fish toxicity  | LC50<br>mg/l   | >100      | 96 h<br>Oncorhynchus mykiss<br>(Rainbow trout) | Manufacturer     |          |
|             | Acute algae toxicity   | ErC50<br>mg/l  | >100      | 96 h<br>Pseudokirchneriella<br>subcapitata     | Manufacturer     |          |
|             | Acute crustacea toxicity   | EC50<br>mg/l   | >100      | 48 h<br>Daphnia magna (Big<br>water flea)      | Manufacturer     |          |
|             | Acute bacteria toxicity  | (EC50<br>mg/l) | >1000     | 3 h  | Manufacturer     | OECD 209 |
| 2634-33-5   | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one                             |                |           |  |                  |          |
|             | Acute fish toxicity  | LC50<br>mg/l   | 2,18      | 96 h<br>Oncorhynchus mykiss<br>(Rainbow trout) | Manufacturer     | OECD 203 |
|             | Acute algae toxicity   | ErC50<br>mg/l  | 0,11      | 72 h<br>Selenastrum<br>capricornutum           | Manufacturer     | OECD 201 |
|             | Acute crustacea toxicity   | EC50<br>mg/l   | 2,94      | 48 h<br>Daphnia magna (Big<br>water flea)      | Manufacturer     | OECD 202 |
|             | Crustacea toxicity   | NOEC           | 1,7 mg/l  | 21 d<br>Daphnia                                | Manufacturer     | OECD 211 |
|             | Acute bacteria toxicity  | (EC50<br>mg/l) | 23 mg/l   | 3 h  | Manufacturer     |          |

**12.2. Persistence and degradability**

The product has not been tested.



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| CAS No      | Chemical name  |       |    |                  |
|-------------|--|-------|----|------------------|
|             | Method   | Value | d  | Source           |
|             | Evaluation   |       |    |                  |
| 68439-51-0  | Alcohols, C12-14 (even numbered), ethoxylated propoxylated ( $\geq 2.5$ moles EO/PO) |       |    |                  |
|             | OECD 301B  | >60%  | 28 | Manufacturer     |
|             | Readily biodegradable (according to OECD criteria).                                  |       |    |                  |
|             | OECD 311   | >60%  | 59 | Manufacturer     |
|             | Biodegradable.   |       |    |                  |
| 15763-76-5  | sodium p-cumenesulphonate  |       |    |                  |
|             | OECD 301B  | >60%  | 28 | literature value |
|             | Readily biodegradable (according to OECD criteria).                                  |       |    |                  |
| 164524-02-1 | Potassium p-cumenesulphonate   |       |    |                  |
|             | OECD 301B  | >60   | 28 | Manufacturer     |
|             | Readily biodegradable (according to OECD criteria).                                  |       |    |                  |
| 2634-33-5   | 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one                             |       |    |                  |
|             |  | >70%  | 28 |                  |
|             | Readily biodegradable (according to OECD criteria).                                  |       |    |                  |

**12.3. Bioaccumulative potential**

The product has not been tested.

**12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The product has not been tested.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

**List of Wastes Code - residues/unused products**

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

**List of Wastes Code - contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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**SECTION 14: Transport information****Land transport (ADR/RID)**

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**Inland waterways transport (ADN)**

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**Marine transport (IMDG)**

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**Air transport (ICAO-TI/IATA-DGR)**

|  |  |
|--|--|
| <b>14.1. UN number or ID number:</b>     | No dangerous good in sense of this transport regulation. |
| <b>14.2. UN proper shipping name:</b>    | No dangerous good in sense of this transport regulation. |
| <b>14.3. Transport hazard class(es):</b> | No dangerous good in sense of this transport regulation. |
| <b>14.4. Packing group:</b>              | No dangerous good in sense of this transport regulation. |

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No dangerous good in sense of this transport regulation.

**14.7. Maritime transport in bulk according to IMO instruments**

No dangerous good in sense of this transport regulation.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 75

|   |  |
|---|--|
| 2004/42/EC (VOC):                                 | 0%                                     |
| Information according to 2012/18/EU (SEVESO III): | Not subject to 2012/18/EU (SEVESO III) |

**National regulatory information**

|                                |   |
|--------------------------------|---|
| Water hazard class (D):        | 2 - obviously hazardous to water            |
| Skin resorption/Sensitization: | Causes allergic hypersensitivity reactions. |

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Abbreviations and acronyms**

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

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UN: United Nations  
CAS: Chemical Abstracts Service  
DNEL: Derived No Effect Level  
DMEL: Derived Minimal Effect Level  
PNEC: Predicted No Effect Concentration  
ATE: Acute toxicity estimate  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
LL50: Lethal loading, 50%  
EL50: Effect loading, 50%  
EC50: Effective Concentration 50%  
ErC50: Effective Concentration 50%, growth rate  
NOEC: No Observed Effect Concentration  
BCF: Bio-concentration factor  
PBT: persistent, bioaccumulative, toxic  
vPvB: very persistent, very bioaccumulative  
ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Regulations concerning the international carriage of dangerous goods by rail  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
IMDG: International Maritime Code for Dangerous Goods  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
SVHC: Substance of Very High Concern  
For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

**Relevant H and EUH statements (number and full text)**

|        |  |
|--------|--|
| H302   | Harmful if swallowed.  |
| H315   | Causes skin irritation.  |
| H317   | May cause an allergic skin reaction.   |
| H318   | Causes serious eye damage.   |
| H319   | Causes serious eye irritation.   |
| H400   | Very toxic to aquatic life.  |
| H412   | Harmful to aquatic life with long lasting effects.   |
| EUH208 | Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction. |
| EUH210 | Safety data sheet available on request.  |

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*