This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008



Revision date: 20-Jul-2021

Revision Number: 1

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

1.1. Product identifier

| Product Name: | Conti`s Beste |
|-----------------|---------------|
| Article number: | 025870360514 |

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

| Product categories [PC]: | PC9 - Coatings and paints, fillers, putties, thinners |
|--------------------------|---|
| Sector of uses [SU]: | SU19 - Building and construction work |

1.3. Details of the supplier of the safety data sheet

| Supplier: | conti coatings GmbH Feldstrasse 55 D - 46149 Oberhausen Telefon: +49 208/ 9948-0 Telefax: +49 208/ 650625 www.conticoatings.com |
|----------------|--|
| E-mail address | sds.ob@kluthe.com |

1.4. Emergency telephone number

Emergency Telephone: +49 177 / 214 4737 (24 h)

| Emergency Telephone - §45 - (EC) | 1272/2008 |
|----------------------------------|--|
| Europe | 112 |
| Austria | +43 1 406 43 43 (Giftinformationszentrale) |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

Hazard statements:

EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. EUH208 - Contains 1,2-Benzisothiazol-3(2H)-one, 3(2H)-Isothiazolone, 2-methyl- May produce an allergic reaction.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1 Substances

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Not applicable

3.2 Mixtures

| Chemical name | CAS No | EC No | REACH registration number | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Weight-% |
|---|------------|-----------|------------------------------|---|----------------------|
| Titanium dioxide | 13463-67-7 | 236-675-5 | 01-2119489379-17 | | 10 - < 25 |
| Calcium carbonate | 471-34-1 | 207-439-9 | - | | 5 - < 10 |
| Kieselguhr, soda ash flux-calcined | 68855-54-9 | 272-489-0 | 01-2119488518-22 | STOT RE 2 (H373) | 1 - < 3 |
| 1,2-Benzisothiazol-3(2H)-one | 2634-33-5 | 220-120-9 | 01-2120761540-60 | Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Skin Sens. 1 (H317) Eye Dam. 1 (H318) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) Aquatic Chronic 2 (H411) | 0.01 - < 0.05 |
| Zinc pyrithione | 13463-41-7 | 236-671-3 | 01-2119511196-46 | Acute Tox. 3 (H301) Eye Dam. 1 (H318) Acute Tox. 3 (H331) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) | 0.01 - < 0.05 |
| 5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone | 55965-84-9 | - | 01-2120764691-48 | Acute Tox. 3 (H301) Acute Tox. 2 (H310) Skin Corr. 1B (H314) Skin Sens. 1A (H317) Eye Dam. 1 (H318) Acute Tox. 2 (H330) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH071) | 0.0001 - < 0.0005 |

| Chemical name | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) | Notes |
|---|---|----------|-------------------------|-------|
| 1,2-Benzisothiazol-3(2H)-one 2634-33-5 | Skin Sens. 1 :: C>=0.05% | | | |
| Zinc pyrithione 13463-41-7 | | 100 | 10 | |
| 5-Chloro-2-methyl-3(2H)-isothiazolon e, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9 | Skin Corr. 1C :: C>=0.6% Skin Irrit. 2 :: 0.06%<=C<0.6% Eye Dam. 1 :: C>=0.6% Eye Irrit. 2 :: 0.06%<=C<0.6% Skin Sens. 1A :: C>=0.0015% | 100 | 100 | |

Acute Toxicity Estimate:

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 - 4 | Inhalation LC50 - 4 | Inhalation LC50 - 4 |
|---------------|-----------|-------------|---------------------|---------------------|---------------------|
| | | | | | |

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| | | | hour - dust/mist - mg/L | hour - vapor - mg/L | hour - gas - ppm |
|---|-------|----------------------|----------------------------|---------------------|-------------------|
| Titanium dioxide 13463-67-7 | 10010 | No data available | 7 | No data available | No data available |
| Calcium carbonate 471-34-1 | 6450 | No data available | No data available | No data available | No data available |
| Kieselguhr, soda ash flux-calcined 68855-54-9 | 2002 | No data available | 3 | No data available | No data available |
| 1,2-Benzisothiazol-3(2H)-one 2634-33-5 | 490 | No data available | 0.0501 | 0.501 | No data available |
| Zinc pyrithione 13463-41-7 | 177 | 100 | 0.0501 | 3 | No data available |
| 5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9 | 457 | 660 | 0.0501 | 0.501 | No data available |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

| Inhalation: | Remove to fresh air. |
|---------------|--|
| Eye contact: | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| Skin contact: | Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician. |
| Ingestion: | Rinse mouth. |
| | |

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

Symptoms: No information available.

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

Note to physicians: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| Suitable Extinguishing Media: | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
|-------------------------------|---|
| Large Fire: | CAUTION: Use of water spray when fighting fire may be inefficient. |

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Unsuitable extinguishing media: Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the No information available. chemical:

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters:

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| Personal precautions: | Ensure adequate ventilation. |
|---------------------------|---|
| For emergency responders: | Use personal protection recommended in Section 8. |

6.2. Environmental precautions

Environmental precautions: See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

| Prevention of secondary hazards: | Clean contaminated objects and areas thoroughly observing environmental regulations. |
|----------------------------------|--|
| Methods for cleaning up: | Take up mechanically, placing in appropriate containers for disposal. |
| Methods for containment: | Prevent further leakage or spillage if safe to do so. |

6.4. Reference to other sections

Reference to other sections: See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling



Advice on safe handling: Ensure adequate ventilation.

General hygiene considerations:

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions: Keep container tightly closed in a dry and well-ventilated place.

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7.3. Specific end use(s)

Other information:

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits:

| Chemical name | European Union | Germany | Netherlands | Spain | United Kingdom | Hungary |
|---|-----------------------|----------------------------|-------------|---------------------------|---|---------|
| Titanium dioxide 13463-67-7 | | | | TWA: 10 mg/m ³ | TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³ | |
| Kieselguhr, soda ash flux-calcined 68855-54-9 | | TWA: 0.3 mg/m ³ | | | | |

| Chemical name | France | Italy | Portugal | Finland | Denmark | Czech Republic |
|--------------------------------|---------------------------|-------|---------------------------|---------|--------------------------|----------------|
| Titanium dioxide 13463-67-7 | TWA: 10 mg/m ³ | | TWA: 10 mg/m ³ | | TWA: 6 mg/m ³ | |
| Calcium carbonate 471-34-1 | TWA: 10 mg/m ³ | | TWA: 10 mg/m ³ | | | |

| Chemical name | Austria | Switzerland | Poland | Norway | Ireland | Russia |
|---|---|----------------------------|---|--|---|---------------------------|
| Titanium dioxide 13463-67-7 | TWA: 5 mg/m ³ STEL 10 mg/m ³ | TWA: 3 mg/m ³ | STEL: 30 mg/m ³ TWA: 10 mg/m ³ | TWA: 5 mg/m ³ STEL: 10 mg/m ³ | TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³ | TWA: 10 mg/m ³ |
| Calcium carbonate 471-34-1 | | TWA: 3 mg/m ³ | TWA: 10 mg/m ³ | | | |
| Kieselguhr, soda ash flux-calcined 68855-54-9 | TWA: 0.3 mg/m ³ | TWA: 0.3 mg/m ³ | TWA: 2 mg/m ³ TWA: 1 mg/m ³ | | TWA: 1.2 mg/m ³ STEL: 3.6 mg/m ³ | |
| 5-Chloro-2-methyl-3(2H)-i sothiazolone, mixture with 2-methyl-3(2H)-isothiazolo ne | | | | | | |
| 55965-84-9 | | | | | | |

Biological occupational exposure limits:

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

Derived No Effect Level (DNEL):

component information:

Worker - inhalative:

| Chemical name | long term, systemic | short term, systemic | long term, local | short term, local |
|---------------------------------------|------------------------|----------------------|------------------------|------------------------|
| Kieselguhr, soda ash flux-calcined | 0.33 mg/m ³ | | | |
| 1,2-Benzisothiazol-3(2H)-one | 6.81 mg/m³ | | | |
| 5-Chloro-2-methyl-3(2H)-isoth | 0.02 mg/m³ | | 0.02 mg/m ³ | 0.04 mg/m ³ |

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| Chemical name | long term, systemic | short term, systemic | long term, local | short term, local |
|--|---------------------|----------------------|------------------|-------------------|
| iazolone, mixture with 2-methyl-3(2H)-isothiazolone | | | | |

Worker - dermal:

| Chemical name | long term, systemic | short term, systemic | long term, local | short term, local |
|------------------------------|---------------------|----------------------|------------------|-------------------|
| 1,2-Benzisothiazol-3(2H)-one | 966 mg/kg bw/day | | | |
| Zinc pyrithione | 0.01 mg/kg bw/day | | | |

Consumer - inhalative:

| Chemical name | long term, systemic | short term, systemic | long term, local | short term, local |
|---|------------------------|----------------------|------------------------|------------------------|
| Kieselguhr, soda ash flux-calcined | 0.08 mg/m ³ | | | |
| 1,2-Benzisothiazol-3(2H)-one | 1.2 mg/m ³ | | | |
| 5-Chloro-2-methyl-3(2H)-isoth iazolone, mixture with | | | 0.02 mg/m ³ | 0.04 mg/m ³ |
| 2-methyl-3(2H)-isothiazolone | | | | |

Consumer - dermal:

| Chemical name | long term, systemic | short term, systemic | long term, local | short term, local |
|------------------------------|---------------------|----------------------|------------------|-------------------|
| 1,2-Benzisothiazol-3(2H)-one | 345 mg/kg bw/day | | | |

consumer - oral:

| Chemical name | long term, systemic | short term, systemic | long term, local | short term, local |
|-------------------------------|---------------------|----------------------|------------------|-------------------|
| Kieselguhr, soda ash | 3.5 mg/kg | | | |
| flux-calcined | | | | |
| 5-Chloro-2-methyl-3(2H)-isoth | 0.09 mg/kg bw/day | 0.11 mg/kg bw/day | | |
| iazolone, mixture with | | | | |
| 2-methyl-3(2H)-isothiazolone | | | | |

Predicted No Effect Concentration (PNEC):

component information:

| Chemical name | 1,2-Benzisothiazol-3(2H)-one |
|----------------------|------------------------------|
| Freshwater | 4.03 μg/L |
| Marine water | 0.403 µg/L |
| Intermittent release | 1.1 μg/L |
| Freshwater sediment | 0.0499 mg/kg dry weight |
| Marine sediment | 0.00499 mg/kg dry weight |
| Soil | 0.0471 mg/kg |

| Chemical name | Zinc pyrithione |
|---------------------|------------------------|
| Freshwater | 0.09 µg/L |
| Marine water | 0.09 µg/L |
| Freshwater sediment | 0.095 mg/kg dry weight |
| Marine sediment | 0.095 mg/kg dry weight |

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| Soil | 1.02 mg/kg dry weight |
|----------------------|---|
| Chemical name | 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone |
| Freshwater | 0.00339 mg/L |
| Marine water | 3.39 µg/L |
| Intermittent release | 3.39 µg/L |
| Freshwater sediment | 0.027 mg/kg dry weight |
| Marine sediment | 0.027 mg/kg dry weight |
| Soil | 0.01 mg/kg dry weight |

8.2. Exposure controls

Engineering controls:

Personal protective equipment:



Eye/face protection:

No special protective equipment required.

None under normal use conditions.

| PPE - Glove material | | Glove thickness | Break through time | | |
|----------------------------------|--|----------------------------------|--------------------|--|--|
| NBR (Nitrile rubber) | | 0.4 mm | >=480 min. | | |
| Skin and body protection: | No specia | I protective equipment required. | | | |
| Respiratory protection: | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. | | | | |
| Recommended Filter Type: | Filtering device (full mask or mouthpiec | | | | |
| Environmental exposure controls: | No inform | ation available. | | | |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Appearance | dispers | dispersion | | | | |
|--|---------|------------|----|------------|--------|-----------------------------------|
| Color | white | | | | | |
| Odor | charac | teristic | | | | |
| Melting point / melting range Boiling point / boiling range | > | 107 | °C | Conditions | Method | <i>Remarks</i> Not established |
| Flammability | | | | | | Not established |
| Decomposition temperature | | | | | | not relevant |

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| Flash point | | | | Not established |
|---|---|-------|-------|-----------------|
| Autoignition temperature | | | | None known |
| Lower explosive limit | | | | not relevant |
| Upper explosion limit | | | | not relevant |
| Vapor pressure | | | | Not established |
| Density | ~ 1.505 | g/cm³ | 20 °C | |
| Water solubility | | | | Miscible |
| рН | 8 - 9 | | 20 °C | |
| pH (as aqueous solution) | | | | Not applicable |
| Partition coefficient | | | | Not established |
| Kinematic viscosity | | | | Not applicable |
| Odor threshold | | | | Not established |
| Relative density | | | | Not established |
| Evaporation rate | | | | Not established |
| Relative vapor density Particle Size Particle Size Distribution | no data available no data available no data available | | | |
| 9.2. Other information | | | | |
| Bulk density: Softening point Molecular weight | no data available No information available No information available | | | |
| 9.2.1. Information with regard to ph | ysical hazard classes: | | | |
| Explosive properties Oxidizing properties | Not an explosive Not oxidising. | | | |
| 9.2.2. Other safety characteristics: | No information available | | | |

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity:

No information available.

10.2. Chemical stability

Stability:

Stable under normal conditions.

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| Explosion data: | |
|-----------------------------------|-------|
| Sensitivity to mechanical impact: | None. |
| Sensitivity to static discharge: | None. |

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions: None under normal processing.

10.4. Conditions to avoid

Conditions to avoid: None known based on information supplied.

10.5. Incompatible materials

Incompatible materials: None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products: None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure:

| Product Information: | The product has not been tested | | | | |
|---|---|--|--|--|--|
| Inhalation: | Specific test data for the substance or mixture is not available. | | | | |
| Eye contact: | Specific test data for the substance or mixture is not available. | | | | |
| Skin contact: | Specific test data for the substance or mixture is not available. | | | | |
| Ingestion: | Specific test data for the substance or mixture is not available. | | | | |
| Symptoms related to the physical, chemical and toxicological characteristics: | | | | | |

Symptoms:

No information available.

Numerical measures of toxicity:

Acute toxicity: The following values are calculated based on chapter 3.1 of the GHS document

| ATEmix (oral) | |
|-------------------------------|--|
| ATEmix (inhalation-dust/mist) | |

15,317.50 mg/kg 164.84 mg/l

Component Information:

| Chemical name | Parameter | Species | effektive Dosis | Method |
|--------------------------------|-----------|---------|-----------------|--------|
| Titanium dioxide 13463-67-7 | Oral LD50 | Rat | > 10000 mg/kg | |
| Calcium carbonate 471-34-1 | Oral LD50 | Rat | 6450 mg/kg | |

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| Chemical name | Parameter | Species | effektive Dosis | Method |
|---|-----------|---------|-----------------|----------|
| Kieselguhr, soda ash flux-calcined 68855-54-9 | Oral LD50 | Rat | > 2000 mg/kg | OECD 401 |
| 1,2-Benzisothiazol-3(2H)-one 2634-33-5 | Oral LD50 | Rat | 490 mg/kg | |
| Zinc pyrithione 13463-41-7 | Oral LD50 | Rat | 177 mg/kg | |
| 5-Chloro-2-methyl-3(2H)-isothiazolon e, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9 | Oral LD50 | Rat | 457 mg/kg | |

| Chemical name | Parameters | Species | Effective dose | Method |
|---|-------------|---------|----------------|--------|
| Zinc pyrithione 13463-41-7 | Dermal LD50 | Rabbit | 100 mg/kg | |
| 5-Chloro-2-methyl-3(2H)-isothiazolon e, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9 | Dermal LD50 | Rabbit | 660 mg/kg | |

| Chemical name | Parameters | Species | Effective dose | Exposure time | Method |
|---|-----------------|---------|--|---------------|----------|
| Titanium dioxide 13463-67-7 | Inhalation LD50 | Rat | > 6.82 mg/L | 4 h | |
| Kieselguhr, soda ash flux-calcined 68855-54-9 | Inhalation LC50 | Rat | > 2.6 mg/L | | OECD 403 |
| Zinc pyrithione 13463-41-7 | Inhalation LC50 | Rat | 0.05 - 0.5 mg/L 140 mg/m ³ | 4 h | |
| 5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9 | Inhalation LC50 | Rat | 171 - 2360 mg/m³ | 4 h | |

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

| Skin corrosion/irritation: | No information available. |
|------------------------------------|---------------------------|
| Serious eye damage/eye irritation: | No information available. |
| Respiratory or skin sensitization: | No information available. |
| Germ cell mutagenicity: | No information available. |
| Carcinogenicity: | No information available. |
| Reproductive toxicity: | No information available. |
| STOT - single exposure: | No information available. |
| STOT - repeated exposure: | No information available. |

| Chemical name | Exposure route | Target Organs |
|---------------|----------------|---------------|
| | | |

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| Chemical name | Exposure route | Target Organs |
|------------------------------------|----------------|---------------|
| Kieselguhr, soda ash flux-calcined | Inhalation | lung |
| 68855-54-9 | | |

Aspiration hazard:

No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No information available.

11.2.2. Other information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity: The environmental impact of this product has not been fully investigated.

fish toxicity:

| Chemical name | Parameter | Species | Effective dose | Exposure time | Method |
|--------------------------------|-----------|---------------------|----------------|---------------|----------|
| 1,2-Benzisothiazol-3(2H)-one | LC50 | | 2.15 mg/L | 96 h | |
| 2634-33-5 | | | | | |
| 5-Chloro-2-methyl-3(2H)-isothi | LC50 | Oncorhynchus mykiss | 0.22 mg/L | 96 h | OECD 203 |
| azolone, mixture with | | | | | |
| 2-methyl-3(2H)-isothiazolone | | | | | |
| 55965-84-9 | | | | | |

toxicity to crustacea:

| Chemical name | Parameter | Species | Effective dose | Exposure time | Method |
|---|-----------|---------------|----------------|---------------|----------|
| 1,2-Benzisothiazol-3(2H)-one 2634-33-5 | EC50 | | 2.9 mg/L | 48 h | |
| 5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9 | EC50 | Daphnia magna | 0.1 mg/L | 48 h | OECD 202 |

Algae Toxicity:

| Chemical name | Parameter | Species | Effective dose | Exposure time | Method |
|---|-----------|------------------------------------|----------------|---------------|----------|
| 1,2-Benzisothiazol-3(2H)-one 2634-33-5 | EC50 | | 0.11 mg/L | 72 h | |
| 5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9 | EC50 | Pseudokirchneriella subcapitata | 0.048 mg/L | 72 h | OECD 201 |

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Bacteria toxicity:

| Chemical name | Parameters | Species | Effective dose | Exposure time | Method |
|---|------------|------------------|----------------|---------------|--------|
| 1,2-Benzisothiazol-3(2H)-one 2634-33-5 | EC50 | | 12.8 mg/L | 3 h | |
| 5-Chloro-2-methyl-3(2H)-isothi azolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9 | EC50 | activated sludge | 7.92 mg/L | 3 h | |

12.2. Persistence and degradability

Persistence and degradability:

| Chemical name | degradation rate | test duration | Rapidly biodegradable | Remarks | Method |
|---|------------------|---------------|-----------------------|---------|----------|
| Titanium dioxide 13463-67-7 | 0 % | | No | | |
| 1,2-Benzisothiazol-3(2H)- one 2634-33-5 | 100 % | 0.04 d | Yes | | OECD 307 |
| Zinc pyrithione 13463-41-7 | 100 % | | Yes | | |
| 5-Chloro-2-methyl-3(2H)-i sothiazolone, mixture with 2-methyl-3(2H)-isothiazol one 55965-84-9 | > 60 % | 28 d | Yes | | OECD 301 |

12.3. Bioaccumulative potential

Bioaccumulation:

| Chemical name | Partition coefficient | Bioconcentration factor (BCF) |
|--|-----------------------|-------------------------------|
| 1,2-Benzisothiazol-3(2H)-one | | 6.62 |
| 2634-33-5 | | |
| Zinc pyrithione | 1.12 | 1.4 |
| 13463-41-7 | | |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture | < 0.71 | 3.16 |
| with 2-methyl-3(2H)-isothiazolone | | |
| 55965-84-9 | | |

12.4. Mobility in soil

Mobility in soil: No information available.

Mobility: No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment:

| Chemical name | PBT and vPvB assessment |
|------------------|---------------------------------|
| Titanium dioxide | The substance is not PBT / vPvB |

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| 13463-67-7 | | |
|---|--|--|
| Calcium carbonate 471-34-1 | The substance is not PBT / vPvB PBT assessment does not apply | |
| Kieselguhr, soda ash flux-calcined 68855-54-9 | PBT assessment does not apply | |
| 1,2-Benzisothiazol-3(2H)-one 2634-33-5 | The substance is not PBT / vPvB | |
| Zinc pyrithione 13463-41-7 | The substance is not PBT / vPvB | |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9 | The substance is not PBT / vPvB | |

12.6. Endocrine disrupting properties.

No information available.

12.7. Other adverse effects.

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging: Do not reuse empty containers.

Waste codes / waste designations according to EWC / AVV: 08 01 12 (waste paint and varnish other than those mentioned in 08 01 11)

SECTION 14: Transport information

14.1. UN number

| ADR: | Not regulated |
|-------|---------------|
| RID: | Not regulated |
| IMDG: | Not regulated |
| IATA: | Not regulated |

14.2 UN proper shipping name

| Not regulated |
|---------------|
| Not regulated |
| Not regulated |
| Not regulated |
| Not regulated |
| |

14.3. Transport hazard class(es)

| ADR: | Not regulated |
|-------|---------------|
| RID: | Not regulated |
| IMDG: | Not regulated |
| IATA: | Not regulated |

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14.4. Packing group

| ADR: | Not regulated |
|-------|---------------|
| RID: | Not regulated |
| IMDG: | Not regulated |
| IATA: | Not regulated |

14.5. Environmental hazards

| ADR: | Not regulated |
|-------|---------------|
| RID: | Not regulated |
| IMDG: | Not regulated |
| IATA: | Not regulated |

14.6. Special precautions for user

| ADR: | Not regulated |
|-------|---------------|
| RID: | Not regulated |
| IMDG: | Not regulated |
| IATA: | Not regulated |

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

No information available

SECTION 15: Regulatory information

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

European Union:

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

Authorizations and/or restrictions on use:

• This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

| Chemical name | Substance subject to authorization per REACH Annex XIV | Restricted substance per REACH Annex XVII |
|---|---|--|
| Titanium dioxide 13463-67-7 | | 75. |
| Calcium carbonate 471-34-1 | | 75. |
| 1,2-Benzisothiazol-3(2H)-one 2634-33-5 | | 75. |
| Zinc pyrithione 13463-41-7 | | 75. |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9 | | 3 |

Persistent Organic Pollutants:

Not applicable

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Ozone-depleting substances (ODS) regulation (EC) 1005/2009: Not applicable

volatile organic compounds (VOC) content: acc. reg. 2010/75/EG: acc. reg. 2004/42/EG (Decopaint):

0 % 0 g/L

648/2004/ EU (DetVo): National regulations:

Denmark:

| Chemical name | Denmark - MAL |
|------------------------------|--------------------------------|
| Titanium dioxide | 0 m3/10 g substance MAL factor |
| 13463-67-7 | >=0.1 - 5 % by weight [3] |
| | >=5 % by weight [6] |
| | >0 % by weight [1] |
| 1,2-Benzisothiazol-3(2H)-one | 0 m3/10 g substance MAL factor |
| 2634-33-5 | >=1.0 % by weight [3] |
| Zinc pyrithione | 0 m3/10 g substance MAL factor |
| 13463-41-7 | >=1 % by weight [3] |

Germany:

Water hazard class (WGK): slightly hazardous to water (WGK 1) - Classification according to AwSV

| Chemical name | WGK Classification (AwSV) | ID number |
|---|---------------------------|-----------|
| Titanium dioxide 13463-67-7 | nwg | 1345 |
| Calcium carbonate 471-34-1 | nwg | 317 |
| Kieselguhr, soda ash flux-calcined 68855-54-9 | nwg | 854 |
| 1,2-Benzisothiazol-3(2H)-one 2634-33-5 | 2 | 5141 |
| Zinc pyrithione 13463-41-7 | 3 | 7636 |
| 5-Chloro-2-methyl-3(2H)-isothiazolone, mixture with 2-methyl-3(2H)-isothiazolone 55965-84-9 | 3 | 2959 |

TA Luft (German Air Pollution Control Regulation):total dust incl. fine dust (digit 5.2.1):30 - 35%org. subst. dust (digit 5.2.5):< 5%</td>

Storage class (TRGS 510): 12 • LGK12 - Non-combustible liquids

France:

Occupational Illnesses (R-463-3, France):

| Chemical name | French RG number |
|------------------------------|------------------|
| 1,2-Benzisothiazol-3(2H)-one | RG 65 |
| 2634-33-5 | |

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RG 65 - Allergic eczema

Austria:

Flammable Liquids Regulations, VbF: Not regulated

Switzerland:

VOC content:: acc. VOCV CH 814.018, att. 1: 0 %

International Inventories:

| TSCA | Does not comply |
|---------------|-----------------|
| DSL/NDSL | Does not comply |
| EINECS/ELINCS | Does not comply |
| ENCS | Does not comply |
| IECSC | Does not comply |
| KECL | Does not comply |
| PICCS | Does not comply |
| AICS | Does not comply |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances **ENCS** - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report:

No information available

SECTION 16: Other information

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

Full text of H-Statements referred to under section 3:

EUH071 - Corrosive to the respiratory tract

H301 - Toxic if swallowed

H302 - Harmful if swallowed

- H310 Fatal in contact with skin
- H314 Causes severe skin burns and eye damage
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H330 Fatal if inhaled
- H331 Toxic if inhaled
- H373 May cause damage to organs through prolonged or repeated exposure
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects
- H411 Toxic to aquatic life with long lasting effects

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Legend:

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) ADR: European agreement concerning the international carriage of dangerous goods by road (Accord européen relatif transport des merchandises dangereuses par route) AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany) **BCF: Bio-Concentration Factor** BOD(5): Biochemical oxygen demand (within 5 days) CAS: Chemical Abstract Service CLP: Classification, Labelling and Packaging CMR: Carcinogenic, Mutagenic, toxic for Reproduction DIN: German Standards Institute / German industrial norm DNEL: Derived No Effect Level DOC: Dissolved organic carbon EAK/ AVV: European waste catalogue/ waste directory-regulation EC50: Effective Concentration 50% ECHA: European Chemical Agency EINECS: European Inventory of Existing Commercial Chemical Substances GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals IATA: International Air Transport Association IC50: Inhibition Concentration 50% IMDG: International Maritime Dangerous Goods Code LC50: Lethal Concentration 50% - LD50: Lethal dose 50% MAK: Treshold limit values Germany NLP: No Longer Polymers NOAEC: No Observed Adverse Effect Concentration NOAEL: No Observed Adverse Effect Level OECD: Organization for Economic Cooperation and Development PBT: persistent, bioaccumulative, toxic PC: Product category PNEC: Predicted No Effect Concentration REACh: Registration, Evaluation and Authorization of Chemicals RID:Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer) STEL: Short-term Exposure Limit STP: Sewage treatment plant SVHC: Substance of Very High Concern TLV: Threshold Limit Value TWA: Time Weighted Average UN: United Nations VOC: Volatile Organic Compounds vPvB: very persistent, very bioaccumulative

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION Ceiling: Maximum limit value

* Skin designation

| Classification procedure | |
|---|--------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used |
| Acute oral toxicity | Calculation method |
| Acute dermal toxicity | Calculation method |
| Acute inhalation toxicity - gas | Calculation method |
| Acute inhalation toxicity - vapor | Calculation method |
| Acute inhalation toxicity - dust/mist | Calculation method |
| Skin corrosion/irritation | Calculation method |
| Serious eye damage/eye irritation | Calculation method |

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| Respiratory sensitization | Calculation method | |
|---------------------------|--------------------|--|
| Skin sensitization | Calculation method | |
| Mutagenicity | Calculation method | |
| Carcinogenicity | Calculation method | |
| Reproductive toxicity | Calculation method | |
| STOT - single exposure | Calculation method | |
| STOT - repeated exposure | Calculation method | |
| Acute aquatic toxicity | Calculation method | |
| Chronic aquatic toxicity | Calculation method | |
| Aspiration hazard | Calculation method | |
| Ozone | Calculation method | |

Key literature references and sources for data used to compile the SDS:

European Chemicals Agency (ECHA)

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

European Food Safety Authority (EFSA)

EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))

U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act

U.S. Environmental Protection Agency High Production Volume Chemicals

Food Research Journal

Hazardous Substance Database

International Uniform Chemical Information Database (IUCLID)

Japan GHS Classification

Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)

NIOSH (National Institute for Occupational Safety and Health)

National Library of Medicine's ChemID Plus (NLM CIP)

National Library of Medicine's PubMed database (NLM PUBMED)

National Toxicology Program (NTP)

New Zealand's Chemical Classification and Information Database (CCID)

Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

Organization for Economic Co-operation and Development High Production Volume Chemicals Program

Organization for Economic Co-operation and Development Screening Information Data Set

RTECS (Registry of Toxic Effects of Chemical Substances)

World Health Organization

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This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006:

Disclaimer:

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End of Safety Data Sheet