

Trade name: glimtrex Floor-Care 108001

Version: 41 / DE

Revision: 03.09.2020

Replaces Version: 40 / DE

Print date: 16.11.20

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

glimtrex Floor-Care 108001

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

Use of the substance/preparation

Surface treatment of wood and other materials

1.3. Details of the supplier of the safety data sheet

Manufacturer

glimtrex GmbH

Orkotten 68

48291 Telgte

Telephone no. +49 (0) 2504 88887-111

Fax no. +49 (0) 2504 88887-112

E-mail address info@glimtrex.de

1.4. Emergency telephone number

Germany: +49 (0) 30 30686700

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, May produce an allergic reaction.

Supplemental information

EUH210 Safety data sheet available on request.

2.3. Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB) (if not listed in Section 3).

3. Composition/information on ingredients

Hazardous ingredients

1,2-benzisothiazol-3(2H)-one

CAS No. 2634-33-5

EINECS no. 220-120-9

Concentration < 0,05 %

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4 H302

Skin Irrit. 2 H315

Eye Dam. 1 H318

Skin Sens. 1 H317

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| | |
|-------------------|------|
| Aquatic Acute 1 | H400 |
| Aquatic Chronic 2 | H411 |

Concentration limits (Regulation (EC) No. 1272/2008)

| | | |
|--------------|------|-----------|
| Skin Sens. 1 | H317 | >= 0,05 % |
|--------------|------|-----------|

Bronopol (INN)

CAS No. 52-51-7

EINECS no. 200-143-0

Concentration >= 0,01 < 0,1 %

Classification (Regulation (EC) No. 1272/2008)

| | | |
|-------------------|------|-------------------|
| Acute Tox. 4 | H312 | |
| Acute Tox. 4 | H302 | |
| STOT SE 3 | H335 | Respiratory tract |
| Skin Irrit. 2 | H315 | |
| Eye Dam. 1 | H318 | |
| Aquatic Acute 1 | H400 | |
| Aquatic Chronic 1 | H410 | |

Concentration limits (Regulation (EC) No. 1272/2008)

| | | |
|-----------------|------|--------|
| Aquatic Acute 1 | H400 | M = 10 |
|-----------------|------|--------|

Note

For explanation of abbreviations see section 16.

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) (if not listed in Section 3).

4. First aid measures**4.1. Description of first aid measures****General information**

In all cases of doubt, or when symptoms persist, seek medical attention. First aider: Pay attention to self-protection! Get medical advice/attention if you feel unwell. Remove affected person from danger area, lay him down.

After inhalation

No special measures required.

After skin contact

Wash off immediately with soap and water. Do NOT use solvents or thinners. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. Take medical treatment.

After ingestion

Do not induce vomiting. Take medical treatment.

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

Contact of the product with skin or eyes may cause irritation.

4.3. Indication of any immediate medical attention and special treatment needed**Hints for the physician / treatment**

Treat symptomatically.

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5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Recommended: alcohol resistant foam, CO₂, powders, water spray/mist

Non suitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

No materials to be especially mentioned.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

No special measures required.

Other information

Do not allow run-off from fire fighting to enter drains or water courses. Standard procedure for chemical fires. Cool closed containers exposed to fire with water.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not inhale aerosols.

6.2. Environmental precautions

Do not allow to enter drains or waterways. Do not allow to enter soil, waterways or waste water canal. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean contaminated floors and objects thoroughly with water and detergents, observing environmental regulations. Do NOT use solvents or thinners. Send in suitable containers for recovery or disposal.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed and dry in a cool, well-ventilated place. Avoid contact with skin and eyes. Do not inhale aerosols. Do not eat, drink or smoke when using this product. Use personal protective clothing. For personal protection see Section 8.

Advice on protection against fire and explosion

No special measures necessary if used correctly.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep only in the original container in a cool, well ventilated place.

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Hints on storage assembly

No special measures required.

Storage classes

Storage class according to TRGS 510 10 Flammable liquids

Further information on storage conditions

Protect from frost. Protect from heat and direct sunlight. Store in accordance with the particular national regulations.

7.3. Specific end use(s)

See exposure scenario, if available.

8. Exposure controls/personal protection**8.1. Control parameters****Other information**

-

8.2. Exposure controls**Exposure controls**

No special measures required.

Respiratory protection

Avoid inhalation of vapour and spray mist. Use breathing apparatus if exposed to vapours/dust/aerosol. Recommended Filter type: Half mask with a particle filter P2 (EN 143).

Hand protection

PVC gloves

Glove material

Appropriate Material Nitrile rubber

Material thickness \geq 0,4 mmBreakthrough time \geq 30 min

This recommendation is valid only for the product named in this safety data sheet supplied by us, and only for the indicated intended use purposes.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

The breakthrough time must be greater than the end use time of the product.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

Eye protection

Wear eye glasses with side protection according to EN 166.

Body protection

Wear suitable protective clothing. Remove contaminated clothing and wash it before reuse. Wash hands before breaks and after work.

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form liquid

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| | |
|-----------------------------------------------------|----------------|
| Colour | colourless |
| Odour | mild |
| Odour threshold | |
| Remarks | not determined |
| pH value | |
| Remarks | not determined |
| Melting point | |
| Remarks | not determined |
| Freezing point | |
| Remarks | not determined |
| Initial boiling point and boiling range | |
| Value | 100 to 244 °C |
| Flash point | |
| Value | > 60 °C |
| Evaporation rate | |
| Remarks | not determined |
| Flammability (solid, gas) | |
| | not determined |
| Upper/lower flammability or explosive limits | |
| Remarks | not determined |
| Vapour pressure | |
| Remarks | not determined |
| Vapour density | |
| Remarks | not determined |
| Density | |
| Value | appr. 1 kg/l |
| Temperature | 20 °C |
| Solubility in water | |
| Remarks | not determined |
| Solubility(ies) | |
| Remarks | not determined |
| Partition coefficient: n-octanol/water | |
| Remarks | not determined |
| Ignition temperature | |
| Remarks | not determined |
| Decomposition temperature | |
| Remarks | not determined |
| Viscosity | |
| Remarks | not determined |
| Efflux time | |
| Method | not applicable |
| Explosive properties | |

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evaluation not determined

Oxidising properties

Remarks not determined

9.2. Other information**Non-volatile content**

Value 3 %

Method calculated value

Other information

This information is not available.

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

Stable under recommended storage and handling conditions (see section 7).

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

To avoid thermal decomposition, do not overheat.

10.4. Conditions to avoid

Isolate from sources of heat, sparks and open flame.

10.5. Incompatible materials

No special restrictions on storage with other products.

10.6. Hazardous decomposition products

No decomposition if used as prescribed.

11. Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

| | |
|---------|-------------------------------------------------------------------|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Acute oral toxicity (Components)**1,2-benzisothiazol-3(2H)-one**

| | | | |
|---------|-----|------|-------|
| Species | rat | | |
| LD50 | | 1193 | mg/kg |

Bronopol (INN)

| | | | |
|---------|-----|-----|-------|
| Species | rat | | |
| LD50 | | 307 | mg/kg |

Acute dermal toxicity

| | |
|---------|-------------------------------------------------------------------|
| Method | Calculation method (Regulation (EC) No. 1272/2008) |
| Remarks | Based on available data, the classification criteria are not met. |

Acute dermal toxicity (Components)**Bronopol (INN)**

| | |
|---------|--------|
| Species | rabbit |
|---------|--------|

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LD50 1600 mg/kg

Acute inhalational toxicity

Method Calculation method (Regulation (EC) No. 1272/2008)
 Remarks Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Method Calculation method (Regulation (EC) No. 1272/2008)
 Remarks Based on available data, the classification criteria are not met.

Skin corrosion/irritation (Components)

1,2-benzisothiazol-3(2H)-one
 evaluation Irritating to skin.

Bronopol (INN)
 evaluation Irritating to skin.

Serious eye damage/irritation

Method Calculation method (Regulation (EC) No. 1272/2008)
 Remarks Based on available data, the classification criteria are not met.

Serious eye damage/irritation (Components)

1,2-benzisothiazol-3(2H)-one
 evaluation Irritating to eyes.

Bronopol (INN)**Sensitization**

Method Calculation method (Regulation (EC) No. 1272/2008)
 Remarks Based on available data, the classification criteria are not met.

Sensitization (Components)

1,2-benzisothiazol-3(2H)-one
 Reference substance 1,2-benzisothiazol-3(2H)-one
 evaluation May cause sensitization by skin contact.

Mutagenicity

Method Calculation method (Regulation (EC) No. 1272/2008)
 Remarks Based on available data, the classification criteria are not met.

Reproductive toxicity

Method Calculation method (Regulation (EC) No. 1272/2008)
 Remarks Based on available data, the classification criteria are not met.

Carcinogenicity

Method Calculation method (Regulation (EC) No. 1272/2008)
 Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT)**Single exposure**

Method Calculation method (Regulation (EC) No. 1272/2008)
 Remarks Based on available data, the classification criteria are not met.

Repeated exposure

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

Specific Target Organ Toxicity (STOT) (Components)**Bronopol (INN)**

Specific target organ toxicity - single exposure

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evaluation

May cause respiratory irritation.
Route of exposure inhalative
Organs: Respiratory tract

Aspiration hazard

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

Other information

No toxicological data are available.

12. Ecological information**12.1. Toxicity****General information**

For this subsection there is no ecotoxicological data available on the product as such.

Fish toxicity (Components)**1,2-benzisothiazol-3(2H)-one**

| | | | |
|----------------------|-------------------------------------|---|------|
| Species | Oncorhynchus mykiss (rainbow trout) | | |
| LC50 | 2,18 | | mg/l |
| Duration of exposure | 96 | h | |

Daphnia toxicity (Components)**1,2-benzisothiazol-3(2H)-one**

| | | | |
|----------------------|----------------------------|---|------|
| Species | Daphnia magna (Water flea) | | |
| EC50 | 2,94 | | mg/l |
| Duration of exposure | 48 | h | |

Bronopol (INN)

| | | | |
|----------------------|----------------------------|---|------|
| Species | Daphnia magna (Water flea) | | |
| EC50 | < 0,1 | | mg/l |
| Duration of exposure | 48 | h | |

12.2. Persistence and degradability**General information**

For this subsection there is no ecotoxicological data available on the product as such.

Biodegradability (Components)**1,2-benzisothiazol-3(2H)-one**

evaluation Readily biodegradable.

Ready degradability (Components)**Bronopol (INN)****12.3. Bioaccumulative potential****General information**

For this subsection there is no ecotoxicological data available on the product as such.

Partition coefficient: n-octanol/water

Remarks not determined

Octanol/water partition coefficient (log Pow) (Components)**Bronopol (INN)**

log Pow < 4

12.4. Mobility in soil

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General information

For this subsection there is no ecotoxicological data available on the product as such.

Mobility in soil

no data available

12.5. Results of PBT and vPvB assessment

General information

For this subsection there is no ecotoxicological data available on the product as such.

12.6. Other adverse effects

General information

For this subsection there is no ecotoxicological data available on the product as such.

General information / ecology

For this subsection there is no ecotoxicological data available on the product as such.

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code 080111 - waste paint and varnish containing organic solvents or other dangerous substances
 EWC waste code 200127 - paint, inks, adhesives and resins containing dangerous substances

Where possible recycling is preferred to disposal or incineration.
 Do not allow to enter drains or waterways.
 Where possible recycling is preferred to disposal or incineration.
 Do not allow to enter drains or waterways.

modified product

EWC waste code 080115 - aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances

Dried residues

EWC waste code 080112 - waste lacquers and waste paint except those falling under 080111

Disposal recommendations for packaging

EWC waste code 150110 - packaging containing residues of or contaminated by dangerous substances
 Completely emptied packagings can be given for recycling.
 Germany: KBS system for sheet covering
 Completely emptied packagings can be given for recycling.

14. Transport information

| | Land transport ADR/RID | Marine transport IMDG/GGVSee | Air transport ICAO/IATA |
|------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------|
| 14.1. UN number | Not classified as dangerous in the meaning of transport regulations. | Not classified as dangerous in the meaning of sea and air transport regulations. | Not a dangerous substance as defined in the above regulations. |

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15. Regulatory information

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

Water Hazard Class (Germany)

| | |
|---------------------------------|-------|
| Water Hazard Class (Germany) | WGK 1 |
|---------------------------------|-------|

| | |
|---------|-----------------------------------------------------|
| Remarks | Derivation of WGK according to Annex 1 No. 5.2 AwSV |
|---------|-----------------------------------------------------|

VOC

| | | | | |
|----------|---|---|---|-----|
| VOC (EU) | 0 | % | 0 | g/l |
|----------|---|---|---|-----|

Other information

All components are contained in the TSCA inventory or exempted.

15.2. Chemical safety assessment

For this substance / mixture a chemical safety assessment was not carried out.

16. Other information

Hazard statements listed in Chapter 3

| | |
|------|-------------------------------------------------------|
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H335 | May cause respiratory irritation. |
| 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. |

CLP categories listed in Chapter 3

| | |
|-------------------|--------------------------------------------------------------|
| Acute Tox. 4 | Acute toxicity, Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment, acute, Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment, chronic, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment, chronic, Category 2 |
| Eye Dam. 1 | Serious eye damage, Category 1 |
| Skin Irrit. 2 | Skin irritation, Category 2 |
| Skin Sens. 1 | Skin sensitization, Category 1 |
| STOT SE 3 | Specific target organ toxicity - single exposure, Category 3 |

Abbreviations

ADR - Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID - Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 IMDG - International Maritime Code for Dangerous Goods
 IATA - International Air Transport Association
 IATA-DGR - Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
 ICAO-TI - Technical Instructions by the "International Civil Aviation Organization" (ICAO)
 GHS - Globally Harmonized System of Classification and Labelling of Chemicals
 EINECS - European Inventory of Existing Commercial Chemical Substances
 CAS - Chemical Abstracts Service (division of the American Chemical Society)
 GefStoffV - Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

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LOAEL - Lowest Observed Adverse Effect Level

LOEL - Lowest Observed Effect Level

NOAEL - No Observed Adverse Effect Level

NOEC - No Observed Effect Concentration

NOEL - No Observed Effect Level

OECD - Organisation for Economic Cooperation and Development

VOC - Volatile Organic Compounds

Changes since the last version are highlighted in the margin (**). This version replaces all previous versions.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.