

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 2 Oct 2024

Print date: 17 Nov 2025

Version: 2



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

* 1.1. Product identifier

Trade name/designation:

Schmucksteinkleber

Article No.:

12030

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

Use of the substance/mixture:

Adhesives

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Max Bringmann KG

Qualitätsmanagement

Johann-Hölldfritsch-Str. 37

90530 Wendelstein

Germany

Telephone: +49 9129 277 0

E-mail: qualitaetsmanagement@folia.de

Website: www.folia.de

E-mail (competent person): qualitaetsmanagement@folia.de

1.4. Emergency telephone number

Qualitätsmanagement, +49 9129 277 0 (Only available during office hours.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

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

* 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard components for labelling:

1,2-benzisothiazol-3(2H)-one; Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on un

Hazard statements: none

| Supplemental hazard information | |
|---------------------------------|--|
| EUH208 | Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction. |
| EUH208 | Contains KATHON CG. May produce an allergic reaction. |

Precautionary statements: none

* 2.3. Other hazards

Other adverse effects:

Results of PBT and vPvB assessment: not applicable

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SECTION 3: Composition/information on ingredients

* 3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

| Product identifiers | Substance name Classification according to Regulation (EC) No 1272/2008 [CLP] | Concentration |
|--|---|----------------------|
| CAS No.: 2634-33-5 EC No.: 220-120-9 Index No.: 613-088-00-6 REACH No.: 01-2120761540-60 | 1,2-benzisothiazol-3(2H)-one Acute Tox. 2 (H330), Acute Tox. 4 (H302), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Dam. 1 (H318), Skin Irrit. 2 (H315), Skin Sens. 1A (H317) Danger M-factor (acute): 1 M-factor (chronic): 1 Specific concentration limit (SCL) Skin Sens. 1; H317: C ≥ 0.036% Acute Toxicity Estimate ATE (oral) 450 mg/kg ATE (inhalation, dust/mist) 0.21 mg/L | < 0.05 weight-% |
| CAS No.: 55965-84-9 REACH No.: 01-2120764691-48 | Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on un Acute Tox. 3 (H301, H311, H331), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Skin Corr. 1B (H314), Skin Sens. 1 (H317) Danger Specific concentration limit (SCL) Skin Corr. 1B; H314: C ≥ 0.6% Skin Irrit. 2; H315: 0.06% ≤ C < 0.6% Eye Irrit. 2; H319: 0.06% ≤ C < 0.6% Skin Sens. 1; H317: C ≥ 0.0015% Acute Toxicity Estimate ATE (oral) = 53 mg/kg ATE (dermal) 300 mg/kg ATE (inhalation, vapour) 3 mg/L ATE (inhalation, dust/mist) 0.5 mg/L | < 0.0015 weight-% |

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

SECTION 4: First aid measures

* 4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Following inhalation:

Provide fresh air. If experiencing respiratory symptoms: Call a doctor.

In case of skin contact:

If skin irritation or rash occurs: Get medical advice/attention.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion:

Rinse mouth. Let 1 glass of water be drunken in little sips (dilution effect). Get medical advice/attention if you feel unwell.

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

No further relevant information available.

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

No further relevant information available. Treat symptomatically.

SECTION 5: Firefighting measures

* 5.1. Extinguishing media

Suitable extinguishing media:

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

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* 5.2. Special hazards arising from the substance or mixture

No further relevant information available.

* 5.3. Advice for firefighters

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

* 5.4. Additional information

Do not allow run-off from fire-fighting to enter drains or water courses.

SECTION 6: Accidental release measures

* 6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

No special measures are necessary.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Dilute with plenty of water. Do not allow to enter into surface water or drains.

* 6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up:

No special measures are necessary.

* 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

Protective measures

Advices on safe handling:

No special measures are necessary. Wear personal protection equipment (refer to section 8).

Fire prevent measures:

No special measures are necessary.

* 7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels:

Protect against: Frost Heat. storage temperature 10-25°C

Hints on storage assembly:

No special measures are necessary.

Storage class (TRGS 510, Germany): 12 – non-combustible liquids that cannot be assigned to any of the above storage classes

Further information on storage conditions:

No further relevant information available.

* 7.3. Specific end use(s)

Recommendation:

none

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SECTION 8: Exposure controls/personal protection

* 8.1. Control parameters

8.1.1. Occupational exposure limit values

| Limit value type (country of origin) | Substance name | ① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark |
|--|--|--|
| DFG (DE) from 1 Jul 2024 | Gemisch aus: 5-Chlor-2-methyl-2H- isothiazol-3-on un CAS No.: 55965-84-9 | ① 0.2 mg/m ³ ⑤ (einatembare Fraktion) Gemisch aus cas 26172-55 und 2682-20 |

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

* 8.2. Exposure controls

8.2.1. Appropriate engineering controls

See section 7. No additional measures necessary.

8.2.2. Personal protection equipment

Respiratory protection:

No special measures are necessary.

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

* 9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: whitish

Odour: Mild

flammability: No data available

Safety relevant basis data

| Parameter | Value | at °C | ① Method ② Remark |
|---|------------------------|-------|----------------------|
| pH | 8.5 | 20 °C | |
| Melting point | > 0 °C | | |
| Freezing point | < 0 °C | | |
| Initial boiling point and boiling range | No data available | | |
| Flash point | not applicable | | |
| Evaporation rate | No data available | | |
| Auto-ignition temperature | No data available | | |
| Upper/lower flammability or explosive limits | 0.6 - 7 Vol-% | | |
| Vapour pressure | 23 hPa | 20 °C | |
| Vapour density | No data available | | |
| Density | 1.05 g/cm ³ | 20 °C | |
| Bulk density | not applicable | | |
| Water solubility | completely miscible | | |
| Dynamic viscosity | 4,500 mPa* s | 20 °C | |
| Kinematic viscosity | No data available | | |

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9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

No known hazardous decomposition products.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

| | | |
|--|---------------------|-------------------|
| 1,2-benzisothiazol-3(2H)-one | CAS No.: 2634-33-5 | EC No.: 220-120-9 |
| ATE (oral)¹: 450 mg/kg | | |
| ATE (inhalation, dust/mist)¹: 0.21 mg/L | | |
| Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on un | CAS No.: 55965-84-9 | |
| LD₅₀ oral: =53 mg/kg (Rat) GESTIS | | |

¹: Acute Toxicity Estimate. Harmonised (legal) classification.

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

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

Serious eye damage/irritation:

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

Respiratory or skin sensitisation:

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

Germ cell mutagenicity:

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

Carcinogenicity:

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

Reproductive toxicity:

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.

Additional information:

No data available

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11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|---------------------|
| Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on un | CAS No.: 55965-84-9 |
| LC50: ≥0.19 - ≤2.13 mg/L 2 d (fish) GESTIS | |
| LC50: =0.56 mg/L 2 d (crustaceans) GESTIS | |
| EC50: ≥0.18 - ≤13 mg/L 2 d (crustaceans) GESTIS | |

Aquatic toxicity:

No further relevant information available.

12.2. Persistence and degradability

Additional information:

No further relevant information available.

12.3. Bioaccumulative potential

Bioconcentration factor (BCF):

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

| | | |
|---|---------------------|-------------------|
| 1,2-benzisothiazol-3(2H)-one | CAS No.: 2634-33-5 | EC No.: 220-120-9 |
| Results of PBT and vPvB assessment: | — | |
| Gemisch aus: 5-Chlor-2-methyl-2H-isothiazol-3-on un | CAS No.: 55965-84-9 | |
| Results of PBT and vPvB assessment: | — | |

Results of PBT and vPvB assessment: not applicable

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment options

Appropriate disposal / Package:

Dispose of waste according to applicable legislation.

SECTION 14: Transport information

| Land transport (ADR/RID) | Inland waterway craft (ADN) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|--|--|--|--|
| 14.1. UN number or ID number | | | |
| No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. |
| 14.2. UN proper shipping name | | | |
| No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. | No dangerous good in sense of these transport regulations. |
| 14.3. Transport hazard class(es) | | | |
| not relevant | not relevant | not relevant | not relevant |

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| Land transport (ADR/RID) | Inland waterway craft (ADN) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|---|-----------------------------|----------------------|------------------------------------|
| 14.4. Packing group | | | |
| not relevant | not relevant | not relevant | not relevant |
| 14.5. Environmental hazards | | | |
| not relevant | not relevant | not relevant | not relevant |
| 14.6. Special precautions for user | | | |
| not relevant | not relevant | not relevant | not relevant |

- * **14.7. Maritime transport in bulk according to IMO instruments**
not applicable

SECTION 15: Regulatory information

- * **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
- 15.1.1. EU legislation**
No data available
- 15.1.2. National regulations**
 **[DE] National regulations**
- Water hazard class**
WGK:
1 - slightly hazardous to water
- 15.2. Chemical Safety Assessment**
For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

- * **16.1. Indication of changes**

| | |
|-------|--|
| 1.1. | Product identifier |
| 2.2. | Label elements |
| 2.3. | Other hazards |
| 3.2. | Mixtures |
| 4.1. | Description of first aid measures |
| 4.2. | Most important symptoms and effects, both acute and delayed |
| 4.3. | Indication of any immediate medical attention and special treatment needed |
| 5.1. | Extinguishing media |
| 5.2. | Special hazards arising from the substance or mixture |
| 5.3. | Advice for firefighters |
| 5.4. | Additional information |
| 6.1. | Personal precautions, protective equipment and emergency procedures |
| 6.3. | Methods and material for containment and cleaning up |
| 6.4. | Reference to other sections |
| 6.5. | Additional information |
| 7.1. | Precautions for safe handling |
| 7.2. | Conditions for safe storage, including any incompatibilities |
| 7.3. | Specific end use(s) |
| 8.1. | Control parameters |
| 8.2. | Exposure controls |
| 9.1. | Information on basic physical and chemical properties |
| 11.2. | Information on other hazards |
| 12.1. | Toxicity |
| 12.2. | Persistence and degradability |
| 12.3. | Bioaccumulative potential |

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| | |
|-------|--|
| 12.4. | Mobility in soil |
| 12.5. | Results of PBT and vPvB assessment |
| 12.7. | Other adverse effects |
| 13.1. | Waste treatment methods |
| 14.3. | Transport hazard class(es) |
| 14.7. | Maritime transport in bulk according to IMO instruments |
| 15.1. | Safety, health and environmental regulations/legislation specific for the substance or mixture |
| 15.3. | Additional information |
| 16.1. | Indication of changes |
| 16.4. | Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP] |

16.2. Abbreviations and acronyms

| | |
|------------------|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| BCF | Bioconcentration Factor |
| CAS | Chemical Abstracts Service |
| CLP | Classification, Labelling and Packaging |
| DIN | German Institute for Standardization / German Industrial Standard |
| DNEL | derived no-effect level |
| EC ₅₀ | Effective Concentration 50% |
| EN | European Standard |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods |
| IMO | International Maritime Organization |
| ISO | International Standards Organisation |
| KG | body weight |
| LC ₅₀ | Lethal (fatal) Concentration 50% |
| LD ₅₀ | Lethal (fatal) Dose 50% |
| MAK | Maximum concentration in the workplace air (CH) |
| NFPA | National Fire Protection Association |
| PBT | persistent and bioaccumulative and toxic |
| PNEC | Predicted No Effect Concentration |
| REACH | Registration, Evaluation and Authorization of Chemicals |
| RID | Dangerous goods regulations for transport by rail |
| SCL | Specific concentration limit |
| TRGS | Technische Regeln für Gefahrstoffe |
| UN | United Nations |

16.3. Key literature references and sources for data

No data available

* 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

| Hazard statements | |
|-------------------|--|
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H311 | Toxic 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. |
| H319 | Causes serious eye irritation. |

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| Hazard statements | |
|-------------------|---|
| H330 | Fatal if inhaled. |
| H331 | Toxic if inhaled. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |

16.6. Training advice

No data available

16.7. Additional information

No data available

* Data changed compared with the previous version.