

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 18.04.2023

Version number 5 (replaces version 4)

Revision: 18.04.2023

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

- 1.1 Product identifier
  - Trade name: **KEMPERTEC TG**
  - 1.2 Relevant identified uses of the substance or mixture and uses advised against
  - Application of the substance / the mixture
  - 1.3 Details of the supplier of the safety data sheet
  - Manufacturer/Supplier:
  - Further information obtainable from:
  - 1.4 Emergency telephone number:
- Identified use: intended for professional use only!
- Primer
- KEMPER SYSTEM GmbH & Co. KG  
Holländische Strasse 32-36  
34246 Vellmar  
Deutschland / Germany  
Telefon: +49 (0)561 / 8295-0  
Telefax: +49 (0)561 / 8295-5110  
E-Mail: MSDS@KEMPER-SYSTEM.COM
- research & development
- Medical Emergency information in case of poisoning:  
Poison Information Center Mainz - 24 h - Phone: +49 (0) 6131 19240  
(advisory service in German or English language)

### SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
  - Classification according to Regulation (EC) No 1272/2008
  - 2.2 Label elements
  - Labelling according to Regulation (EC) No 1272/2008
  - Hazard pictograms
  - Signal word
  - Hazard statements
  - Additional information:
  - 2.3 Other hazards
  - Results of PBT and vPvB assessment
  - PBT:
  - vPvB:
- The product is not classified, according to the CLP regulation.
- Void
- Void
- Void
- Void
- EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
- Not applicable.
- Not applicable.

### SECTION 3: Composition/information on ingredients

- 3.2 Mixtures
  - Description:
- Mixture: consisting of the following components.

#### Dangerous components:

CAS: 2634-33-5	1,2-benzisothiazol-3(2H)-one	<0.05%
EINECS: 220-120-9	Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C ≥ 0.05 %	

### SECTION 4: First aid measures

- 4.1 Description of first aid measures
  - General information:
  - After inhalation:
  - After skin contact:
  - After eye contact:
- Immediately remove any clothing soiled by the product.  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.  
Do not leave affected persons unattended.  
Personal protection for the First Aider.  
Take affected persons out of danger area and lay down.  
In case of unconsciousness place patient stably in side position for transportation.  
Supply fresh air; consult doctor in case of complaints.
- Immediately wash with water and soap and rinse thoroughly.  
Seek medical treatment in case of complaints.
- Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.  
Protect unharmed eye.

(Contd. on page 2)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 18.04.2023

Version number 5 (replaces version 4)

Revision: 18.04.2023

Trade name: **KEMPERTEC TG**

(Contd. of page 1)

- **After swallowing:** If symptoms persist consult doctor.
- **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.

### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
  - Formation of toxic gases is possible during heating or in case of fire.
  - Nitrogen oxides (NO<sub>x</sub>)
  - Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:** Do not inhale explosion gases or combustion gases.
- **Additional information** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
  - Wear protective equipment. Keep unprotected persons away.
  - Ensure adequate ventilation
  - Avoid contact with skin and eyes
- **6.2 Environmental precautions:**
  - Inform respective authorities in case of seepage into water course or sewage system.
  - Prevent from spreading (e.g. by damming-in or oil barriers).
  - Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Dispose contaminated material as waste according to item 13.
  - Do not flush with water or aqueous cleansing agents
- **6.4 Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
  - Store in cool, dry place in tightly closed receptacles.
  - Ensure good ventilation/exhaustion at the workplace.
  - Prevent formation of aerosols.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**
  - Store in dry conditions.
  - Protect from frost.
  - Keep container tightly sealed.
  - Recommended storage temperature: 5-30 °C
- **Storage class:** 12
- **7.3 Specific end use(s)** No further relevant information available.

IE  
(Contd. on page 3)

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.04.2023

Version number 5 (replaces version 4)


Revision: 18.04.2023

Trade name: **KEMPERTEC TG**

(Contd. of page 2)


## SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.
- **Respiratory protection:** When used properly and under normal conditions, breathing protection is not required.  
Use suitable respiratory protective device in case of insufficient ventilation.  
Filter A/P2  
Respiratory protection - Gas filters and combination filters according to (DIN EN 141)
- **Hand protection**



Protective gloves

Check protective gloves prior to each use for their proper condition.  
Only use chemical-protective gloves with CE-labelling of category III.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  
After use of gloves apply skin-cleaning agents and skin cosmetics.
- **Material of gloves** PVC gloves  
Recommended thickness of the material:  $\geq 0.1$  mm  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material** The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
- **Eye/face protection**



Tightly sealed goggles
- **Body protection:** Solvent resistant protective clothing

## SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Colour:** Opaque
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** Undetermined.
- **Boiling point or initial boiling point and boiling range** 100 °C
- **Flammability** Not applicable.
- **Lower and upper explosion limit**
- **Lower:** Not determined.
- **Upper:** Not determined.
- **Flash point:** Not applicable.
- **Decomposition temperature:** Not determined.
- **pH at 20 °C** 9
- **Viscosity:**
- **Kinematic viscosity at 20 °C** 10 s (DIN 53211/4)
- **Dynamic:** Not determined.

(Contd. on page 4)

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.04.2023

Version number 5 (replaces version 4)

Revision: 18.04.2023

Trade name: **KEMPERTEC TG**

(Contd. of page 3)

- Solubility
- water: Fully miscible.
- Partition coefficient n-octanol/water (log value) Not determined.
- Density and/or relative density
- Density at 20 °C: 1 g/cm<sup>3</sup>
- Relative density Not determined.
- Vapour density Not determined.

- 9.2 Other information
- Appearance:
- Form: Fluid
- Important information on protection of health and environment, and on safety.
- Auto-ignition temperature: Not determined.
- Explosive properties: Product does not present an explosion hazard.
- Solvent separation test:
- VOC (EC) 0.50 %
- Change in condition
- Evaporation rate Not determined.

- Information with regard to physical hazard classes
- Explosives Void
- Flammable gases Void
- Aerosols Void
- Oxidising gases Void
- Gases under pressure Void
- Flammable liquids Void
- Flammable solids Void
- Self-reactive substances and mixtures Void
- Pyrophoric liquids Void
- Pyrophoric solids Void
- Self-heating substances and mixtures Void
- Substances and mixtures, which emit flammable gases in contact with water Void
- Oxidising liquids Void
- Oxidising solids Void
- Organic peroxides Void
- Corrosive to metals Void
- Desensitised explosives Void

## SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 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 dangerous decomposition products known.

## SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity Based on available data, the classification criteria are not met.

- LD/LC50 values relevant for classification:

**2634-33-5 1,2-benzisothiazol-3(2H)-one**

Oral	LD50	1,020 mg/kg (rat) (Pharm. Research Comm.Vol. 3, Pg. 385, 1971)
Dermal	LD50	4,150 mg/kg (rat)

- Skin corrosion/irritation Based on available data, the classification criteria are not met.

(Contd. on page 5)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 18.04.2023

Version number 5 (replaces version 4)

Revision: 18.04.2023

Trade name: **KEMPERTEC TG**

(Contd. of page 4)

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>- <b>Serious eye damage/irritation</b></li> <li>- <b>Respiratory or skin sensitisation</b></li> <li>- <b>Germ cell mutagenicity</b></li> <li>- <b>Carcinogenicity</b></li> <li>- <b>Reproductive toxicity</b></li> <li>- <b>STOT-single exposure</b></li> <li>- <b>STOT-repeated exposure</b></li> <li>- <b>Aspiration hazard</b></li> <li>- <b>11.2 Information on other hazards</b></li> </ul> | <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> |
|---|---|

- **Endocrine disrupting properties**

None of the ingredients is listed.

### SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

**2634-33-5 1,2-benzisothiazol-3(2H)-one**

EC20	3.3 mg/l (Belebtschlamm) (OECD 209; 3h)
NOEC	0.21 mg/kg (Oncorhynchus mykiss (Regenbogenforelle)) (OECD 215)
EC50	16.7 mg/l /96 h (fish)
EC50	0.11 mg/l (Pseudokirchneriella subcapitata) (72h; OECD 201)
EC50	3.27 mg/l (Daphnia magna) (48h; OECD 202)

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>- <b>12.2 Persistence and degradability</b></li> <li>- <b>12.3 Bioaccumulative potential</b></li> <li>- <b>12.4 Mobility in soil</b></li> <li>- <b>12.5 Results of PBT and vPvB assessment</b></li> <li>- <b>PBT:</b></li> <li>- <b>vPvB:</b></li> <li>- <b>12.6 Endocrine disrupting properties</b></li> <li>- <b>12.7 Other adverse effects</b></li> <li>- <b>Additional ecological information:</b></li> <li>- <b>General notes:</b></li> </ul> | <p>No further relevant information available.</p> <p>No further relevant information available.</p> <p>No further relevant information available.</p> <p>Not applicable.</p> <p>Not applicable.</p> <p>The product does not contain substances with endocrine disrupting properties.</p> <p>Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water</p> |
|---|---|

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal according to official regulations

- **European waste catalogue**

08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
17 02 03	plastic

- **Uncleaned packaging:**

- **Recommendation:**

Disposal must be made according to official regulations.

### SECTION 14: Transport information

- **14.1 UN number or ID number**

- **ADR, ADN, IMDG, IATA**

Void

- **14.2 UN proper shipping name**

- **ADR, ADN, IMDG, IATA**

Void

(Contd. on page 6)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 18.04.2023

Version number 5 (replaces version 4)

Revision: 18.04.2023

Trade name: **KEMPERTEC TG**

(Contd. of page 5)

- |  |                 |
|--|-----------------|
| - 14.3 Transport hazard class(es)                              |                 |
| - ADR, ADN, IMDG, IATA   |                 |
| - Class  | Void            |
| - 14.4 Packing group   |                 |
| - ADR, IMDG, IATA  | Void            |
| - 14.5 Environmental hazards:                                  |                 |
| - Marine pollutant:  | No              |
| - 14.6 Special precautions for user                            | Not applicable. |
| - 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| - UN "Model Regulation":                                       | Void            |

### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I     None of the ingredients is listed.
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
- None of the ingredients is listed.
- REGULATION (EU) 2019/1148
- Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
- None of the ingredients is listed.
- Annex II - REPORTABLE EXPLOSIVES PRECURSORS
- None of the ingredients is listed.
- Regulation (EC) No 273/2004 on drug precursors
- None of the ingredients is listed.
- Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
- None of the ingredients is listed.
- 15.2 Chemical safety assessment:             A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The safety data sheet issued is also compliant with the regulation Annex I of Regulation (EU) no. 453/2010 and Annex II of Regulation (EU) no. 2020/878.

- Relevant phrases
  - H302 Harmful if swallowed.
  - H315 Causes skin irritation.
  - H317 May cause an allergic skin reaction.
  - H318 Causes serious eye damage.
  - H400 Very toxic to aquatic life.
  - H411 Toxic to aquatic life with long lasting effects.
- Department issuing SDS:                     research & development
- Contact:   research & development
- Date of previous version:                   18.04.2023
- Version number of previous version:     4
- Abbreviations and acronyms:
  - ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - IATA: International Air Transport Association
  - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  - EINECS: European Inventory of Existing Commercial Chemical Substances
  - ELINCS: European List of Notified Chemical Substances
  - CAS: Chemical Abstracts Service (division of the American Chemical Society)
  - VOC: Volatile Organic Compounds (USA, EU)
  - LC50: Lethal concentration, 50 percent
  - LD50: Lethal dose, 50 percent
  - PBT: Persistent, Bioaccumulative and Toxic

(Contd. on page 7)

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.04.2023

Version number 5 (replaces version 4)

Revision: 18.04.2023

Trade name: **KEMPERTEC TG**

(Contd. of page 6)

vPvB: very Persistent and very Bioaccumulative  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Skin Sens. 1: Skin sensitisation – Category 1  
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
- [www.echa.europa.eu](http://www.echa.europa.eu)  
- [www.baua.de](http://www.baua.de)  
IFA: Institute für Occupational Safety and Health of the German Social Accident Insurance:  
- [www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index.jsp](http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index.jsp)  
- [www.dguv.de/ifa/gestis/gestis-dnel-liste](http://www.dguv.de/ifa/gestis/gestis-dnel-liste)

**- Sources**

- \* Data compared to the previous version altered.