

## Safety data sheet according to UK REACH

Printing date 10.02.2025

Version number 1

Revision: 10.02.2025

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

- **1.1 Product identifier**
- **Trade name** *RETOL BASE PRI D CO*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** *Primer/ Subcoating*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
MUREXIN GmbH  
Franz v. Furtenbachstr. 1  
A-2700 Wiener Neustadt  
Tel.: +43 (0)2622/27401
- **Informing department:** *chemikalieninfo@murexin.com*
- **1.4 Emergency telephone number:**  
UK National poisons Emergency number.: +44 (0) 870 600 6266

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
*The product is not classified, according to the GB CLP regulation.*
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** *Void*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*
- **Additional information:**  
*Contains 1,2-benzisothiazol-3(2H)-one [EC no. 220-120-9], reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1).  
May produce an allergic reaction.  
Safety data sheet available on request.*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** *Mixture consisting of the following components with harmless additives.*

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**· Dangerous components:**

CAS: 2634-33-5 EINECS: 220-120-9	1,2-benzisothiazol-3(2H)-one [EC no. 220-120-9]  Acute Tox. 2, H330  Eye Dam. 1, H318  Aquatic Acute 1, H400  Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 ATE: LD50 oral: 450 mg/kg LC50/4 h inhalative: 0.21 mg/l Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.036 %	<0.1%
CAS: 55965-84-9 EC number: 611-341-5	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)  Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330  Skin Corr. 1C, H314  Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100)  Skin Sens. 1A, H317 EUH071 Specific concentration limits: Skin Corr. 1C; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 %	≥0.00025-<0.0025%

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** No special measures required.
- **After skin contact**  
Rinse with warm water.  
If skin irritation continues, consult a doctor.
- **After eye contact**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** In case of persistent symptoms 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**  
Use fire fighting measures that suit the environment.  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **5.2 Special hazards arising from the substance or mixture**  
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

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### SECTION 6: Accidental release measures

#### · 6.1 Personal precautions, protective equipment and emergency procedures

*Wear protective clothing.*

#### · 6.2 Environmental precautions:

*Do not allow product to reach sewage system or water bodies.*

*Dilute with much water.*

#### · 6.3 Methods and material for containment and cleaning up:

*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*

*Collect mechanically.*

*Dispose of contaminated material as waste according to item 13.*

#### · 6.4 Reference to other sections

*No dangerous materials are released.*

*See Section 7 for information on safe handling*

*See Section 8 for information on personal protection equipment.*

*See Section 13 for information on disposal.*

### SECTION 7: Handling and storage

#### · 7.1 Precautions for safe handling *No special precautions necessary if used correctly.*

#### · Information about protection against explosions and fires: *No special measures required.*

#### · 7.2 Conditions for safe storage, including any incompatibilities

##### · Storage

##### · Requirements to be met by storerooms and containers: *Store only in the original container.*

##### · Information about storage in one common storage facility: *Store away from foodstuffs.*

##### · Further information about storage conditions:

*Protect from frost.*

*Keep container tightly sealed.*

##### · Storage class 12

#### · 7.3 Specific end use(s) *No further relevant information available.*

### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

#### · Components with critical values that require monitoring at the workplace:

*The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*

#### · Additional information: *The lists that were valid during the compilation were used as basis.*

#### · 8.2 Exposure controls

##### · Appropriate engineering controls *No further data; see section 7.*

##### · Individual protection measures, such as personal protective equipment

##### · General protective and hygienic measures

*The usual precautionary measures should be adhered to in handling the chemicals.*

*Keep away from foodstuffs, beverages and food.*

*Instantly remove any soiled and impregnated garments.*

*Wash hands during breaks and at the end of the work.*

##### · Breathing equipment: *Not necessary if room is well-ventilated.*

##### · Hand protection

*Protective gloves.*

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*

##### · Material of gloves

*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.*

*Use gloves of stable material (e.g. Nitrile) - if necessary tricoted to improve the wearability.*

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- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye/face protection** Safety glasses recommended during refilling.
- **Body protection:** Protective work clothing.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

- |   |  |
|---|--|
| · <b>Physical state</b>   | Liquid   |
| · <b>Colour:</b>  | Violet   |
| · <b>Smell:</b>   | Mild   |
| · <b>Odour threshold:</b>   | Not determined.  |
| · <b>Melting point/freezing point:</b>                            | Not determined   |
| · <b>Boiling point or initial boiling point and boiling range</b> | 100 °C (7732-18-5 water, distilled, conductivity or of similar purity) |
| · <b>Flammability</b>   | Not applicable.  |
| · <b>Lower and upper explosion limit</b>                          |  |
| · <b>Lower:</b>   | Not determined.  |
| · <b>Upper:</b>   | Not determined.  |
| · <b>Flash point:</b>   | Not applicable   |
| · <b>Decomposition temperature:</b>                               | Not determined.  |
| · <b>pH at 20 °C</b>  | 7.7  |
| · <b>Viscosity:</b>   |  |
| · <b>Kinematic viscosity</b>                                      | Not determined.  |
| · <b>dynamic at 20 °C:</b>  | 20 mPas  |
| · <b>Solubility</b>   |  |
| · <b>Water:</b>   | Partly miscible  |
| · <b>Partition coefficient n-octanol/water (log value)</b>        | Not determined.  |
| · <b>Steam pressure at 20 °C:</b>                                 | 23 hPa (7732-18-5 water, distilled, conductivity or of similar purity) |
| · <b>Density and/or relative density</b>                          |  |
| · <b>Density at 20 °C</b>   | 1 g/cm <sup>3</sup>  |
| · <b>Relative density</b>   | Not determined.  |
| · <b>Vapour density</b>   | Not determined.  |

#### 9.2 Other information

- |  |                              |
|--|------------------------------|
| · <b>Appearance:</b>   |                              |
| · <b>Form:</b>   | Fluid                        |
| · <b>Important information on protection of health and environment, and on safety.</b> |                              |
| · <b>Self-inflammability:</b>  | Product is not selfigniting. |
| · <b>Explosive properties:</b>   | Product is not explosive.    |
| · <b>Solvent content:</b>  |                              |
| · <b>Water:</b>  | 63.4 %                       |
| · <b>Solids content:</b>   | 26.2-27.2 %                  |
| · <b>Change in condition</b>   |                              |
| · <b>Evaporation rate</b>  | Not determined.              |

#### Information with regard to physical hazard classes

- |                          |      |
|--------------------------|------|
| · <b>Explosives</b>      | Void |
| · <b>Flammable gases</b> | Void |
| · <b>Aerosols</b>        | Void |

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· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **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:** None

### 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 that are relevant for classification:**

**2634-33-5 1,2-benzisothiazol-3(2H)-one [EC no. 220-120-9]**

Oral	LD50	450 mg/kg (ATE)
Inhalative	LC50/4 h	0.21 mg/l (ATE)

- **Primary irritant effect:**
- **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.
- **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 toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) -**
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

556-67-2 | octamethylcyclotetrasiloxane

List II; III

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### SECTION 12: Ecological information

#### · 12.1 Toxicity

##### · Aquatic toxicity:

<b>2634-33-5 1,2-benzisothiazol-3(2H)-one [EC no. 220-120-9]</b>
EC 50/48h 3.27 mg/l (Daphnie)

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

#### · 12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

#### · 12.6 Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

#### · 12.7 Other adverse effects

#### · Additional ecological information:

##### · General notes:

Water hazard class (Germany) 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

### SECTION 13: Disposal considerations

#### · 13.1 Waste treatment methods

##### · Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

##### · Uncleaned packagings:

##### · Recommendation:

Disposal must be made according to official regulations.

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

· **Recommended cleaning agent:** Water, if necessary with cleaning agent.

### 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

#### · 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.

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- |   |                 |
|---|-----------------|
| <b>· 14.7 Maritime transport in bulk according to IMO instruments</b> | Not applicable. |
| <b>· UN "Model Regulation":</b>                                       | Void            |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

<b>· Regulated explosives precursors</b>
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None of the ingredients is listed.
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<b>· Regulated poisons</b>
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None of the ingredients is listed.
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<b>· Reportable explosives precursors</b>
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None of the ingredients is listed.
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<b>· Reportable poisons</b>
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None of the ingredients is listed.
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- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** 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.

- **Relevant phrases**

- 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.
- H319 Causes serious eye irritation.
- H330 Fatal if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- EUH071 Corrosive to the respiratory tract.

- **Contact:** chemikalieninfo@murexin.com (+43 02622/27401)

- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 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)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative

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*ATE: Acute toxicity estimate values**Acute Tox. 3: Acute toxicity – Category 3**Acute Tox. 4: Acute toxicity – Category 4**Acute Tox. 2: Acute toxicity – Category 2**Skin Corr. 1C: Skin corrosion/irritation – Category 1C**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**Skin Sens. 1A: Skin sensitisation – Category 1A**Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1**Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1***· \* Data compared to the previous version altered.**

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