

**Safety data sheet**  
according to 1907/2006/EC, Article 31



702400

Revision: 25.03.2021  
Printing date: 25.03.2021

### SECTION 01: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:**  
BEROPUR U45
- **Article number:**  
80672000090
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
The product is intended for professional use.
- **Application of the substance / the preparation**  
Underbody wax
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Beropur AG  
Feldstr. 8  
CH-8370 Sirnach  
Telefon: 0041 - 71960 0727  
Telefax: 0041 - 71960 0728  
E-Mail: [service@beropur.ch](mailto:service@beropur.ch)  
Internet: <http://www.beropur.ch>
- **Further information obtainable from:**  
Product safety department.
- **1.4 Emergency telephone number:**  
Schweizerisches Toxikologisches Informationszentrum (STIZ): Tel. +41 44 251 66 66 24h-  
Notfallnummer: +41 145 [www.toxi.ch](http://www.toxi.ch)

### SECTION 02: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Void
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
- **Hazard pictograms**  
Void
- **Signal word**  
Void
- **Hazard statements**  
EUH208 Contains 1,2-benzisothiazol-3(2H)-one, mixture of: 5-chloro-2- methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl- 2Hisothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.  
EUH210 Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:**  
Not applicable.
- **vPvB:**  
Not applicable.

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### SECTION 03: Composition/information on ingredients

- **3.2 Chemical characterization: Mixtures**

- **Description:**

Waterbased mixture

- **Dangerous components:**

CAS Number		%
2634-33-5	<b>1,2-benzisothiazol-3(2H)-one</b> EC number: 220-120-9 Record number 01-2120761540-60 ☞ Eye Dam. 1 - H318; ☠ Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Skin Sens. 1 - H317; ☞ Aquatic Acute 1 - H400, Aquatic Chronic 2 - H411	0,0001-<0,1
55965-84-9	<b>mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1)</b> Record number 01-2120764691-48 ☞ Skin Corr. 1C - H314, Eye Dam. 1 - H318; ☠ Acute Tox. 3 - H301, Acute Tox. 2 - H310, Acute Tox. 2 - H330; ☠ Skin Sens. 1A - H317; ☞ Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	0,0001-<0,1

- **Additional information:**

For the wording of the listed risk phrases refer to section 16.

### SECTION 04: First aid measures

- **4.1 Description of first aid measures**

- **General information:**

Immediately remove any clothing soiled by the product.

- **After inhalation:**

Supply fresh air; consult doctor in case of complaints.

- **After skin contact:**

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

- **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:**

Seek immediate medical advice.

- **Information for 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.

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### SECTION 05: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
Product does not burn; fire-extinguishing activities according to surrounding
- **5.2 Special hazards arising from the substance or mixture**  
After evaporation of water formation of dangerous gases is possible.
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.
- **Additional information**  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 06: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Use respiratory protective device against the effects of fumes/dust/ aerosol.
- **6.2 Environmental precautions:**  
Do not allow to enter sewers/ surface or ground water.  
Do not allow to penetrate the ground/soil.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the material collected according to regulations.
- **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 07: Handling and storage

- **Handling:**
- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Avoid contact with eyes and skin.
- **Information about fire - and explosion protection:**  
The product is not flammable.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Suitable material for receptacles and pipes: Stainless steel.  
Use polyethylene containers.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat and direct sunlight.
- **7.3 Specific end use(s)**  
No further relevant information available.

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### SECTION 08: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit 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 valid during the making were used as basis.
  
- **8.2 Exposure controls**
- **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  
Use skin protection cream for skin protection.  
Be sure to clean skin thoroughly after work and before breaks.  
Do not carry product impregnated cleaning cloths in trouser pockets.
- **Respiratory protection:**  
Use suitable respiratory protective device in case of insufficient ventilation.  
Respiratory protection in the event of aerosol or mist formation
- **Protection of hands:**  
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
- **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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.  
PVC or rubber  
Recommended thickness of the material:  $\geq 0,7$  mm  
Permeation time  $\geq 480$  minutes
- **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 protection:**  
Safety glasses
- **Body protection:**  
Protective work clothing

### SECTION 09: Physical and chemical properties

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

##### General Information

##### Appearance:

<b>Form:</b>	Liquid
<b>Colour:</b>	greyish black
<b>Odour:</b>	Mild
<b>Odour threshold:</b>	Not determined.
<b>pH-value:</b>	at 20,00 °C 8 - 9 ( pure)

##### Change in condition

<b>Initial boiling point and boiling range:</b>	Undetermined.
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<b>Flash point:</b>	Not applicable.	
<b>Flammability (solid, gas):</b>	Not applicable.	
<b>Auto-ignition temperature:</b>	Not determined.	
<b>Explosive properties:</b>	Product does not present an explosion hazard.	
<b>Explosion limits:</b>		
<b>Lower:</b>	not applicable	
<b>Upper:</b>	Not determined.	
<b>Vapour pressure:</b>	Not determined.	
<b>Density:</b>	1,3000 g/cm <sup>3</sup> 15°C	
<b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.	
<b>Viscosity:</b>		
<b>Dynamic:</b>	at 23,00 °C 300,00 mPa.s	
<b>Kinematic:</b>	Not determined.	
<b>Solvent content:</b>		
<b>Organic solvents:</b>	0,39 %	
<b>Water:</b>	30,00 %	
<b>VOC (EC)</b>	11,64 g/l	0,8960 %
<b>Solids content:</b>	70,00 %	
<b>9.2 Other information</b>	No further relevant information available.	

### 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 and stored 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.
- **Dangerous reactions**  
No dangerous reactions known.
- **10.6 Hazardous decomposition products:**  
Danger of forming toxic pyrolysis products.
- **Additional information:**  
No further relevant information available.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity**
- **LD/LC50 values relevant for classification:**

<b>2634-33-5</b>	<b>1,2-benzisothiazol-3(2H)-one</b> Oral, LD50: 1193 mg/kg (rat) Dermal, LD50: 4115 mg/kg (rat)
<b>55965-84-9</b>	<b>mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one</b> [EC no. 247-500-7] and <b>2-methyl-2H-isothiazol-3-one</b> [EC no. 220-239-6] (3:1)

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Oral, LD50: 2131 mg/kg (rat)  
Dermal, LD50: 660 mg/kg (Rabbit)  
Inhalative, LC50/4h: 2,36 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation**  
No irritant effect.
- **Serious eye damage/irritation**  
No irritating effect.
- **Respiratory or skin sensitisation**  
May produce allergic reactions
- **Additional toxicological information:**  
The risk assessment of the preparation concerning adverse health effects is based on the available data.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**  
The substance is not known as mutagenic. The substance is not known as cancerogenic. The substance is not known as toxic to reproduction.
- **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.

## SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**  
No further relevant information available.
- **12.2 Persistence and degradability**  
No further relevant information available.
- **Behaviour in environmental systems:**
- **12.3 Bioaccumulative potential**  
No further relevant information available.
- **12.4 Mobility in soil**  
No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Do not allow product to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:**  
Not applicable.
- **vPvB:**  
Not applicable.
- **12.6 Other adverse effects**  
No further relevant information available.

## SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Waste disposal key:**  
The waste key number has to be specified acc. European Waste Catalogue (depending on branches and processes).
- **Uncleaned packaging:**
- **Recommendation:**

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Disposal must be made according to official regulations.

#### SECTION 14: Transport information

- **14.1 UN-Number**

ADR Void

IMDG Void

IATA Void

- **14.2 UN proper shipping name**

ADR Void

IMDG Void

IATA Void

- **14.3 Transport hazard class(es)**

ADR

Class Void

IMDG

Class Void

IATA

Class Void

- **14.4 Packing group**

ADR Void

IMDG Void

IATA Void

- **14.5 Environmental hazards:**

Not applicable.

- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

- **Transport/Additional information:**

Not applicable.

#### SECTION 15: Regulatory information

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

No further relevant information available.

- **National regulations:**

For components with workplace-related limit values → that require monitoring, see Section 8.1

- **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out for the mixture.

#### 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 information is believed to be correct, but comprehensive and is to be used for guidance only, which is based on current knowledge of the chemical or mixture and applicable to appropriate safety precautions for the product.

- **Relevant phrases**

H301 Toxic if swallowed.

H302 Harmful if swallowed.

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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.
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.

• **Abbreviations and acronyms:**

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: International Civil Aviation Organisation  
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)  
 VCI: Verband der chemischen Industrie, Deutschland (German chemical industry association)  
 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  
 vPvB: very Persistent and very Bioaccumulative

• **\* Data compared to the previous version altered.**