

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

Printing date 11.10.2022

Version-No. 15 (replaces version 14)

Revision: 10.10.2022

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

- **1.1. Product identifier**
- Trade name / Article-No: **KLEIBERIT 308.0**
- UFI: V44G-Q055-K001-6CPN
- **1.2. Relevant identified uses of the substance / mixture or uses advised against**  
For professional users only.
- **Application of the substance / the mixture** Adhesives
- **1.3. Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
KLEIBERIT SE & Co. KG  
Max-Becker-Str. 4  
D - 76356 Weingarten / Baden  
Germany
- **Further information obtainable from:**  
phone: +49 (0) 7244 62-0  
FAX: +49 (0) 7244 700-0  
E-Mail: hse@kleiberit.com
- **1.4. Emergency telephone number:**  
**+44 1235 239670** European regional number (European languages)  
**112** Emergency telephone number for Malta  
**543 22 22** Icelandic University Hospital

**SECTION 2: Hazards identification**

- **2.1. Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008 - GHS/CLP**  
Skin Irrit. 2            H315 Causes skin irritation.  
Eye Irrit. 2            H319 Causes serious eye irritation.  
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

- **2.2. Label elements**
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**  
P273                    Avoid release to the environment.  
P280                    Wear protective gloves / eye protection.  
P302+P352            IF ON SKIN: Wash with plenty of water and soap.  
P305+P351+P338    IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P314                    Get medical advice/attention if you feel unwell.

(Contd. on page 2)

## Safety data sheet

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

Printing date 11.10.2022

Version-No. 15 (replaces version 14)

Revision: 10.10.2022

**Trade name / Article-No: KLEIBERIT 308.0***(Contd. of page 1)***Additional information:**

Contains 1,2-Benzisothiazol-3(2H)-on. May produce an allergic reaction.

Contains 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one (mixture in a ratio 3:1). May produce an allergic reaction.

**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:** Polymer dispersion in water**Dangerous components:**

Registry-No's	Identification / Classification GHS-CLP	%
CAS: 108-87-2 Reg.nr.: 01-2119556887-18-XXXX	methylcyclohexane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	≥5-<10%
CAS: 3470-98-2 Reg.nr.: 01-2120062728-48-XXXX	1-Butylpyrrolidin-2-on Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319	≤3%
CAS: 108-01-0 Reg.nr.: 01-2119492298-24-XXXX	2-dimethylaminoethanol Flam. Liq. 3, H226; Acute Tox. 3, H331; Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H312; STOT SE 3, H335 Specific concentration limit: STOT SE 3; H335: C ≥ 5%	≥1-<2%
CAS: 2634-33-5 Reg.nr.: 05-2114263215-55-XXXX	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one 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 %	<0.05%
CAS: 55965-84-9	a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -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; Eye Dam. 1, H318; 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-<0.0015%

*(Contd. on page 3)*

## Safety data sheet

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

Printing date 11.10.2022

Version-No. 15 (replaces version 14)

Revision: 10.10.2022

Trade name / Article-No: **KLEIBERIT 308.0***(Contd. of page 2)*

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

#### SECTION 4: First aid measures

- **4.1. Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Treat affected skin with cotton wool or cellulose. Then wash and rinse thoroughly with water and a mild cleaning agent.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Call for a doctor immediately.
- **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.
- **5.2. Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3. Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

#### SECTION 6: Accidental release measures

- **6.1. Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Particular danger of slipping on leaked/spilled product.
- **6.2. Environmental precautions:**  
Do not allow to enter surface or ground water.  
Inform respective authorities in case of seepage into water course or sewage system.
- **6.3. Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralising agent.
- **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**  
Appropriate regular employee training.  
Enclosure or extractor facilities are required.  
Ensure good ventilation. This can be achieved by using a local exhaustion or general exhaust system. If these measures are insufficient to keep the vapour concentration below the workplace limit, wear an adequate respiratory protective device.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Avoid splashes or spray in enclosed areas.

*(Contd. on page 4)*

## Safety data sheet

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

Printing date 11.10.2022

Version-No. 15 (replaces version 14)

Revision: 10.10.2022

**Trade name / Article-No: KLEIBERIT 308.0**

(Contd. of page 3)

regular check up, maintenance and cleaning of equipment and machines

Avoid contact with the skin.

Wear suitable protective gloves and protective goggles /face protection during work.

- **General protective and hygienic measures:** Keep good industrial hygiene.

- **7.2. Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:** Keep container tightly closed.

- **Information about storage in one common storage facility:** Observe the national regulations.

- **Further information about storage conditions:** None.

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

## SECTION 8: Exposure controls/personal protection

- **8.1. Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

- **DNELs**

### 108-87-2 methylcyclohexane

Dermal DNEL long term 1.7 mg/kg (human being)

Inhalative DNEL short term 1,354.6 mg/m<sup>3</sup> (human being)DNEL long term 64.3 mg/m<sup>3</sup> (human being)

### 3470-98-2 1-Butylpyrrolidin-2-on

Dermal DNEL long term 10 mg/kg (human being)

Inhalative DNEL long term 24.1 mg/m<sup>3</sup> (human being)

- **PNECs**

### 108-87-2 methylcyclohexane

PNEC- Freshwater 3.26 mg/l (not specified)

PNEC-seawater 0.326 mg/l (not specified)

PNEC-Freshwater sediment 0.088 mg/kg (not specified)

PNEC-Seawater sediment 0.0088 mg/kg (not specified)

PNEC-soil 0.0237 mg/kg (not specified)

PNEC-wastewater treatment plant 338 mg/l (not specified)

### 3470-98-2 1-Butylpyrrolidin-2-on

PNEC- Freshwater 4 mg/l (not specified)

PNEC-seawater 0.4 mg/l (not specified)

PNEC-periodic release 1 mg/l (not specified)

PNEC-Freshwater sediment 29.6 mg/kg (not specified)

PNEC-Seawater sediment 2.96 mg/kg (not specified)

PNEC-soil 3.57 mg/kg (not specified)

PNEC-wastewater treatment plant 30.62 mg/l (not specified)

### 2634-33-5 1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one

PNEC- Freshwater 0.00403 mg/l (not specified)

(Contd. on page 5)

## Safety data sheet

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

Printing date 11.10.2022

Version-No. 15 (replaces version 14)

Revision: 10.10.2022

Trade name / Article-No: **KLEIBERIT 308.0**

(Contd. of page 4)

PNEC-seawater	0.000403 mg/l (not specified)
PNEC-Freshwater sediment	0.0499 mg/kg (not specified)
PNEC-Seawater sediment	0.00499 mg/kg (not specified)
PNEC-soil	3 mg/kg (not specified)
PNEC-wastewater treatment plant	1.03 mg/l (not specified)

#### 55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)

PNEC- Freshwater	0.00339 mg/l (not specified)
PNEC-seawater	0.00339 mg/l (not specified)
PNEC-Freshwater sediment	0.027 mg/kg (not specified)
PNEC-Seawater sediment	0.027 mg/kg (not specified)
PNEC-soil	0.01 mg/kg (not specified)
PNEC-wastewater treatment plant	0.027 mg/l (not specified)

CAS No.	Designation of material	%	Type	Value	Unit
---------	-------------------------	---	------	-------	------

#### 108-87-2 methylcyclohexane

AGW (Germany) Long-term value: 810 mg/m<sup>3</sup>, 200 ppm  
2(II);DFG

#### 2634-33-5 1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one

MAK (Germany) vgl.Abschn.IIb und Xc

#### 55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)

MAK (Germany) Long-term value: 0.2E mg/m<sup>3</sup>  
vgl.Abschn.Xc

#### 8.2. Exposure controls

limit the exposure to:

8 hours

• **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.

• **Respiratory protection:** Not necessary if room is well-ventilated.

• **Hand protection** Protective gloves

• **Material of gloves** A Nitrile rubber - NBR: AlphaTec® (> 0,4 mm)

• **Eye/face protection** Safety glasses

• **Body protection:** Protective work clothing

• **Environmental exposure controls**

Waste air is to be released into the atmosphere only via suitable separators.

## SECTION 9: Physical and chemical properties

• **9.1. Information on basic physical and chemical properties**

• **General Information**

• **Physical state**

Fluid

• **Colour:**

Beige

(Contd. on page 6)

## Safety data sheet

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

Printing date 11.10.2022

Version-No. 15 (replaces version 14)

Revision: 10.10.2022

Trade name / Article-No: KLEIBERIT **308.0***(Contd. of page 5)*

· 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:	ca. 165 °C
· Ignition temperature:	Not applicable.
· Decomposition temperature:	Not determined.
· pH at c °C	ca. 8
· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic at 20 °C:	ca. 13.000 mPas Brookfield ( <u>6 / 20 rpm</u> )
· Solubility	
· water:	Fully miscible.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C:	23 hPa
· Density and/or relative density	
· Density at 20 °C:	ca. 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:	Product is not selfigniting.
· Explosive properties:	Product does not present an explosion hazard.
· 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

*(Contd. on page 7)*

## Safety data sheet

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

Printing date 11.10.2022

Version-No. 15 (replaces version 14)

Revision: 10.10.2022

Trade name / Article-No: **KLEIBERIT 308.0**

(Contd. of page 6)

· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

### SECTION 10: Stability and reactivity

- **10.1. Reactivity**  
see item 10.3  
No further relevant information available.
- **10.2. Chemical stability** Stable when stored and used properly.
- **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/LC<sub>50</sub> values relevant for classification:**

#### 108-87-2 methylcyclohexane

Oral	LD <sub>50</sub>	>2,300 mg/kg (rat)
Dermal	LD <sub>50</sub>	>2,920 mg/kg (rabbit)
Inhalative	LC <sub>50</sub> /4 h	>23.3 mg/l (rat)

#### 3470-98-2 1-Butylpyrrolidin-2-on

Oral	LD <sub>50</sub>	>300-2,000 mg/kg (rat)
Dermal	LD <sub>50</sub>	>2,000 mg/kg (rat)

#### 108-01-0 2-dimethylaminoethanol

Oral	LD <sub>50</sub>	2,000 mg/kg (rat)
Dermal	LD <sub>50</sub>	>3,000 mg/kg (rabbit)
Inhalative	LC <sub>50</sub> /4 h	3 mg/l (ATE)
	LC <sub>50</sub> /4 h	1,182.7 ppm (rat)

#### 2634-33-5 1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one

Oral	LD <sub>50</sub>	>1,150 mg/kg (mouse)
		1,020 mg/kg (rat)
Dermal	LD <sub>50</sub>	>2,000 mg/kg (mouse)
		4,115 mg/kg (rat)

#### 55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)

Oral	LD <sub>50</sub>	457 mg/kg (rat)
Dermal	LD <sub>50</sub>	141 mg/kg (rabbit)
Inhalative	LC <sub>50</sub> /4 h	0.33 mg/l (rat)

(Contd. on page 8)

## Safety data sheet

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

Printing date 11.10.2022

Version-No. 15 (replaces version 14)

Revision: 10.10.2022

Trade name / Article-No: **KLEIBERIT 308.0***(Contd. of page 7)*

- **Skin corrosion/irritation** Causes skin irritation.
  - **Serious eye damage/irritation** Causes serious eye irritation.
  - **Respiratory or skin sensitisation**  
The use of preservatives in this product is necessary.  
There are known cases of existing sensitisation to these substances and allergic reactions may be possible in case of skin contact.
  - **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.
  - **11.2 Information on other hazards**
  - **Endocrine disrupting properties**
- None of the ingredients is listed.

## SECTION 12: Ecological information

- **12.1. Toxicity**
- **Aquatic toxicity:**
  - 108-87-2 methylcyclohexane**  
LC<sub>50</sub> 5 mg / l / 48h (Japanese killifish - *Oryzias latipes*)
  - 3470-98-2 1-Butylpyrrolidin-2-on**  
LC<sub>50</sub> >100 mg / l / 96h (Fathead minnow - *Pimephales promelas*)  
EC<sub>50</sub> >100 mg / l / 48h (water flea - daphnia)  
EC<sub>50</sub> >160 mg / l / 72h (green algae-*Ps.kirchneriella subcapitata*)
  - 2634-33-5 1,2-benzisothiazol-3(2H)-one;1,2-benzisothiazolin-3-one**  
LC<sub>50</sub> 1.3 mg / l / 96h (Fathead minnow - *Pimephales promelas*)  
LC<sub>50</sub> 2.94 mg / l / 48h (water flea - daphnia)  
EC<sub>50</sub> 3.7 mg / l / 48h (water flea - daphnia)  
EC<sub>50</sub> 0.37 mg / l / 72h (green algae-*Ps.kirchneriella subcapitata*)
  - 55965-84-9 a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)**  
LC<sub>50</sub> 0.19 mg / l / 96h (Fathead minnow - *Pimephales promelas*)  
0.19 mg / l / 96h (fish)  
EC<sub>50</sub> 0.16 mg / l / 48h (water flea - daphnia)  
EC<sub>50</sub> 0.018 mg / l / 72h (green algae-*Ps.kirchneriella subcapitata*)
- **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.

*(Contd. on page 9)*



## Safety data sheet

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

Printing date 11.10.2022

Version-No. 15 (replaces version 14)

Revision: 10.10.2022

Trade name / Article-No: **KLEIBERIT 308.0**

(Contd. of page 8)

- **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

- **12.6. Other adverse effects**

- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Danger to drinking water if even small quantities leak into the ground.

Do not allow product to reach sewage system or any water course.

### 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.

- **European waste catalogue**

08 04 09\* waste adhesives and sealants containing organic solvents or other hazardous substances

- **Uncleaned packaging:**

- **Recommendation:**

Non contaminated packagings may be recycled.

Empty contaminated packagings thoroughly. Disposal must be made according to official regulations.

- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

- **14.1. UN number or ID number**

- **ADR, IMDG, IATA**

Void

- **14.2. UN proper shipping name**

- **DOT, ADR, IMDG, IATA**

Void

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

- **Class**

Void

- **14.4. Packing group**

- **ADR, IMDG, IATA**

Void

- **14.5. Environmental hazards:**

Not applicable.

- **14.6. Special precautions for user**

Not applicable.

- **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**

See position no 2 - Hazards Identification

- **Directive 2012/18/EU - Seveso-III:**

- **Named dangerous substances - ANNEX I** None of the ingredients is included.

- **Regulation (EC) No 1907/2006 - REACH, ANNEX XVII** Conditions of restriction: 3

- **Regulation (EU) No 649/2012**

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.

(Contd. on page 10)

## Safety data sheet

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

Printing date 11.10.2022

Version-No. 15 (replaces version 14)

Revision: 10.10.2022

**Trade name / Article-No: KLEIBERIT 308.0**
*(Contd. of page 9)*

- **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.
- **National regulations:**
- **D: Waterhazard class** Water hazard class 2 (Self-assessment): hazardous for water.
- **Other regulations, limitations and prohibitive regulations:** Restricted to professional users.
- **VOC - 2010/75/EU [g/L]:** <100.0 g/l
- **VOC - 2010/75/EU [%]:** <10.00 %
- **National Regulations (others than Germany or EU)**
- **French Regulation (Decree No. 2011-321):** class B
- **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**
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H310 Fatal in contact with skin.
- H312 Harmful 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.
- H331 Toxic if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- 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.
- EUH071 Corrosive to the respiratory tract.
- **Department issuing SDS:** Safety & Environment

*(Contd. on page 11)*

## Safety data sheet

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

Printing date 11.10.2022

Version-No. 15 (replaces version 14)

Revision: 10.10.2022

**Trade name / Article-No: KLEIBERIT 308.0**

(Contd. of page 10)

- **Version number of previous version: 14**

- **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

DOT: US Department of Transportation

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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Acute Tox. 3: Acute toxicity – Category 3

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

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

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

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

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3