

## Safety data sheet

according to Regulation (EC) No. 1907/2006 as amended from  
time to time

Printing date 23.01.2023

Version-No. 6 (replaces version 5)

Revision: 23.01.2023

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

- **1.1. Product identifier**
- Trade name / Article-No: **KLEIBERIT 573.8**
- Component: A
- **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)

### SECTION 2: Hazards identification

- **2.1. Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008 - GHS/CLP**  
The product is not classified as hazardous to health or environment according to the CLP regulation.
- **2.2. Label elements**
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Additional information:**  
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 of substances listed below with nonhazardous additions.
- **Dangerous components:**

Registry-No's	Identification / Classification GHS-CLP	%
770-35-4	1-phenoxy-2-propanol Eye Irrit. 2, H319	3-5%

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

(Contd. on page 2)

## Safety data sheet

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**Trade name / Article-No: KLEIBERIT 573.8**

(Contd. of page 1)

**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:** Generally the product does not irritate the skin.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, 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**  
Particular danger of slipping on leaked/spilled product.
- **6.2. Environmental precautions:** No special measures required.
- **6.3. Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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** No special precautions are necessary if used correctly.
- **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.

(Contd. on page 3)

**Safety data sheet**  
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**Trade name / Article-No: KLEIBERIT 573.8**

(Contd. of page 2)

**SECTION 8: Exposure controls/personal protection**· **8.1. Control parameters**· **Ingredients with limit values that require monitoring at the workplace:**· **DNELs****7778-18-9 calcium sulfate**Inhalative DNEL short term 5,082 mg/m<sup>3</sup> (x00)DNEL long term 21.17 mg/m<sup>3</sup> (x00)**25791-96-2 Glycerol, propoxylated**Dermal DNEL long term 13.9 mg/kg (human being)  
systemische WirkungInhalative DNEL long term 98 mg/m<sup>3</sup> (human being)  
systemische Wirkung**13463-67-7 Titandioxid**Inhalative DNEL long term 10 mg/m<sup>3</sup> (human being)· **PNECs****7778-18-9 calcium sulfate**

PNEC-wastewater treatment plant 100 mg/l (x00)

**25791-96-2 Glycerol, propoxylated**

PNEC- Freshwater 0.2 mg/l (x00)

PNEC-seawater 0.02 mg/l (x00)

PNEC-Freshwater sediment 0.52 mg/kg (x00)

PNEC-Seawater sediment 0.052 mg/kg (x00)

PNEC-soil 0.0665 mg/kg (x00)

PNEC-wastewater treatment plant 1,000 mg/l (x00)

**13463-67-7 Titandioxid**

PNEC- Freshwater 0.127 mg/l (not specified)

PNEC-seawater 1 mg/l (not specified)

PNEC-Freshwater sediment 1,000 mg/kg (not specified)

PNEC-Seawater sediment 100 mg/kg (not specified)

PNEC-soil 100 mg/kg (not specified)

PNEC-wastewater treatment plant 100 mg/l (not specified)

· **CAS No. Designation of material % Type Value Unit****770-35-4 1-phenoxy-2-propanol**

MAK (Germany) als Dampf und Aerosol; vgl. Abschn. IIb und Xc

· **8.2. Exposure controls**

limit the exposure to:

8 hours

(Contd. on page 4)

## Safety data sheet

according to Regulation (EC) No. 1907/2006 as amended from  
time to time

Printing date 23.01.2023

Version-No. 6 (replaces version 5)

Revision: 23.01.2023

Trade name / Article-No: KLEIBERIT **573.8**

(Contd. of page 3)

- **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** Synthetic rubber gloves
- **Eye/face protection** Safety glasses
- **Body protection:** Protective work clothing

### SECTION 9: Physical and chemical properties

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

- **General Information**
- **Physical state** Fluid
- **Colour:** Grey
- **Odour:** Weak, 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:** >140 °C
- **Ignition temperature:** Not applicable.
- **Decomposition temperature:** Not determined.
- **pH** Not determined.
- **Viscosity:**
- **Kinematic viscosity** Not determined.
- **Dynamic at 20 °C:** ca. 600.000 mPas
- **Solubility**
- **water:** Not miscible or difficult to mix.
- **Partition coefficient n-octanol/water (log value)** Not determined.
- **Vapour pressure:** Not determined.
- **Density and/or relative density**
- **Density at 20 °C:** ca. 1.62 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.

(Contd. on page 5)

## Safety data sheet

according to Regulation (EC) No. 1907/2006 as amended from  
time to time

Printing date 23.01.2023

Version-No. 6 (replaces version 5)

Revision: 23.01.2023

Trade name / Article-No: KLEIBERIT **573.8**

(Contd. of page 4)

· 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**  
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:**

#### 7778-18-9 calcium sulfate

Oral LD<sub>50</sub> >2,000 mg/kg (rat) (OECD 420)  
> 1581 mg/kg bw

The LD50 for calcium sulfate dihydrate was > 2000 mg/kg bw. The value has been calculated for calcium sulfate anhydrous (aus ECHA-Liste "study report 2003")

#### 25791-96-2 Glycerol, propoxylated

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

(Contd. on page 6)

## Safety data sheet

according to Regulation (EC) No. 1907/2006 as amended from  
time to time

Printing date 23.01.2023

Version-No. 6 (replaces version 5)

Revision: 23.01.2023

**Trade name / Article-No: KLEIBERIT 573.8***(Contd. of page 5)*Dermal LD<sub>50</sub> >2,000 mg/kg (rabbit)**8001-79-4 castor oil**Oral LD<sub>50</sub> >4,952 mg/kg (rat)**112945-52-5 Silica, amorphous, fumed, crystalline-free**Oral LD<sub>50</sub> >5,000 mg/kg (rat)Dermal LD<sub>50</sub> >2,000 mg/kg (rabbit)**13463-67-7 Titandioxid**Oral LD<sub>50</sub> >10,000 mg/kg (rat)Dermal LD<sub>50</sub> >10,000 mg/kg (rabbit)

- **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.
- **11.2 Information on other hazards**
- **Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**

- **12.1. Toxicity**
- **Aquatic toxicity:**

**7778-18-9 calcium sulfate**EC<sub>50</sub> >79 mg / l / 48h (water flea - daphnia) (OECD 202)  
LIMIT-TestEC<sub>50</sub> >79 mg / l / 96h (Japanese killifish - Oryzias latipes) (OECD 203)  
LIMIT-Test**25791-96-2 Glycerol, propoxylated**LC<sub>50</sub> >1,000 mg / l / 96h (gold orfw - Leuciscus idus)EC<sub>50</sub> >100 mg / l / 48h (water flea - daphnia)**112945-52-5 Silica, amorphous, fumed, crystalline-free**LC<sub>50</sub> >10,000 mg / l / 96h (Zebrafish - Danio rerio) (OECD 203)

- **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 7)*

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**Trade name / Article-No: KLEIBERIT 573.8***(Contd. of page 6)*

- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.6. Other adverse effects**
- **Behaviour in sewage processing plants:**
- **Remark:**  
At correct sewage disposal in small quantities to biological sewage plants failures of the activated sludge are not expected.
- **Additional ecological information:**
- **General notes:**  
Not known to be hazardous to water.  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

**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 10 waste adhesives and sealants other than those mentioned in 08 04 09
- **Uncleaned packaging:**
- **Recommendation:**  
Non contaminated packagings may be recycled.  
Empty contaminated packagings thoroughly. Disposal must be made according to official regulations.

**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 (EU) No 649/2012**  
  
None of the ingredients is listed.

*(Contd. on page 8)*

EU

**Safety data sheet**  
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**Trade name / Article-No: KLEIBERIT 573.8***(Contd. of page 7)*

- **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.

- **National regulations:**

- **D: Waterhazard class** Water hazard class 1 (Self-assessment): slightly hazardous for water.

- **Other regulations, limitations and prohibitive regulations:** Restricted to professional users.

- **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**

H319 Causes serious eye irritation.

- **Department issuing SDS:** Safety & Environment

- **Version number of previous version:** 5

- **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

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