



## Safety Data Sheet according to WHS Regulations

Printing date 04.10.2018

Version-No. 4

Revision: 13.09.2018

### SECTION 1: Identification

- **1.1. Product identifier**
- **Trade name / Article-No:** KLEIBERIT **303.0**
- **1.2. Relevant identified uses of the substance / mixture or uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Adhesives
- **1.3. Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
KLEBCHEMIE  
M.G.Becker GmbH & Co. KG  
Max Becker Str. 4  
D - 76356 Weingarten / Baden  
Germany  
KLEIBERIT Australia Pty Limited  
Unit 36, 42-46 Wattle Road  
BROOKVALE NSW 2100  
Australia
- **Further information obtainable from:**  
phone: +49-7244-62-0 (Germany)  
FAX: +49-7244-700-0  
email: hse@kleiberit.com  
phone: +49-7244-62-0  
FAX: +49-7244-700-0  
Email: hse@kleiberit.com  
phone: +61-2-9907 1411  
FAX: +61-2-9938 4091
- **1.4. Emergency telephone number:**  
phone: +49-7244 62 486 / Language: English, German  
available on workdays (Mo - Fr) 08:00 am to 04:00 pm (Central European Time- CET)  
email: hse@kleiberit.com  
phone: 040 749 51 75 (office hours)

### SECTION 2: Hazard(s) 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
- **2.3. Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition and Information on Ingredients

- **3.2 Mixtures**
- **Description:** Synthetic polymer emulsion of polyvinylacetate in water
- **Dangerous components:**
- |                      |  |      |   |
|----------------------|--|------|---|
| <b>Registry-No's</b> | <b>Identification / Classification GHS-CLP</b> | Void | % |
|----------------------|--|------|---|
- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

(Contd. on page 2)

AUS

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## according to WHS Regulations

Printing date 04.10.2018

Version-No. 4

Revision: 13.09.2018

Trade name / Article-No: KLEIBERIT **303.0**

(Contd. of page 1)

### SECTION 4: First Aid Measures

- **4.1. Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Unnecessary
- **After skin contact:** Rinse with warm water.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:**  
Rinse out mouth with plenty of water.  
Seek medical treatment.
- **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.

### SECTION 5: Fire Fighting 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.
- **5.2. Special hazards arising from the substance or mixture** Ethanoic acid
- **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:** Dilute with plenty of water.
- **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**  
No dangerous substances are released.  
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

- **Handling:**
- **7.1. Precautions for safe handling**  
Appropriate regular employee training.  
Wear protective gloves/protective clothing/eye protection/face protection.  
No special measures required.  
Use at room temperature  
additional to professional application with multiple and/or significant contact  
limit the exposure to 4 hours
- **Information about fire - and explosion protection:** No special measures required.
- **7.2. Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special measures required.
- **Information about storage in one common storage facility:** Observe the national regulations.
- **Further information about storage conditions:** None.

(Contd. on page 3)

AUS

# Safety Data Sheet

## according to WHS Regulations

Printing date 04.10.2018

Version-No. 4

Revision: 13.09.2018

Trade name / Article-No: KLEIBERIT **303.0**

(Contd. of page 2)

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

### SECTION 8: Exposure controls and personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **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.
- **8.2. Exposure controls** 8 hours
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:** Protective gloves
- **Material of gloves** Synthetic rubber gloves
- **Eye protection:** Goggles 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**
- **Appearance:**
  - Form: Fluid
  - Colour: White
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value at 20 °C:** ca. 3
- **Change in condition**
  - Melting point/freezing point:** Undetermined.
  - Initial boiling point and boiling range:** 100 °C
- **Flash point:** Not applicable.
- **Flammability (solid, gas):** Not applicable.
- **Ignition temperature:** Not applicable.
- **Decomposition temperature:** Not determined.
- **Auto-ignition temperature:** Product is not selfigniting.
- **Explosive properties:** Product does not present an explosion hazard.
- **Explosion limits:**
  - Lower: Not determined.
  - Upper: Not determined.
- **Vapour pressure at 20 °C:** 23 hPa (Water)
- **Density at 20 °C:** ca. 1.1 g/cm<sup>3</sup>
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined.
- **Solubility in / Miscibility with water:** Fully miscible.
- **Partition coefficient: n-octanol/water:** Not determined.

(Contd. on page 4)

# Safety Data Sheet

## according to WHS Regulations

Printing date 04.10.2018

Version-No. 4

Revision: 13.09.2018

Trade name / Article-No: KLEIBERIT **303.0**

(Contd. of page 3)

- **Viscosity:**  
     **Dynamic at 20 °C:** ca. 12000 mPas  
                                     Brookfield RVT (Sp. 6 / 20 rpm)
- Kinematic:** Not determined.
- **9.2. Other information** No further relevant information available.

### SECTION 10: Stability and Reactivity

- **10.1. Reactivity** see item 10.3
- **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:** Ethanoic acid

### SECTION 11: Toxicological Information

- **11.1. Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC<sub>50</sub> values relevant for classification:**  
  
**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> 53 mg/kg (rat)  
     Dermal LD<sub>50</sub> 141 mg/kg (rabbit)  
     Inhalative LC<sub>50</sub> /4 h 2.36 mg/l (rat)  
                     LC<sub>50</sub>/4h<sub>(dust,mist)</sub> 0.33 mg/l (rat)
- **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.
- **Respiratory or skin sensitisation**  
     The use of preservatives in this product is necessary.  
     There are cases known about excisting sensitizations against these substances and at skin contact allergic reactions can be possible.
- **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
- **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.

### SECTION 12: Ecological Information

- **12.1. Toxicity**
- **Aquatic toxicity:**  
  
**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.
- **Other information:** The product is biodegradable.

(Contd. on page 5)

# Safety Data Sheet

## according to WHS Regulations

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Version-No. 4

Revision: 13.09.2018

Trade name / Article-No: **KLEIBERIT 303.0**

(Contd. of page 4)

- **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 undiluted product or large quantities of it 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**
- **Recommendation**  
Can be burned with household garbage / commercial waste after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.  
Can be disposed of with household garbage in small quantities after curing.
- **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

- |   |                     |
|---|---------------------|
| • <b>14.1. UN-Number</b>  | No dangerous goods. |
| • <b>14.2. UN proper shipping name</b>  | Unnecessary         |
| • <b>14.3. Transport hazard class(es)</b>   | Unnecessary         |
| • <b>14.4. Packing group</b>  | Unnecessary         |
| • <b>14.5. Environmental hazards:</b>   | Unnecessary         |
| • <b>14.6. Special precautions for user</b>                                       | Unnecessary         |
| • <b>14.7. Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Unnecessary         |

### SECTION 15: Regulatory information

- **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**  
See position no 2 - Hazards Identification
- **Australian Inventory of Chemical Substances**  
All ingredients are listed.
- **Standard for the Uniform Scheduling of Medicines and Poisons**  
64-19-7 acetic acid: S2, S5, S6  
67-56-1 methanol: S5, S6  
50-00-0 formaldehyde: S2, S6, S10  
2682-20-4 2-methyl-2H-isothiazol-3-one: S6
- **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.

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

(Contd. on page 6)

AUS

# Safety Data Sheet

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**Trade name / Article-No: KLEIBERIT 303.0***(Contd. of page 5)***· 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)

ICAO: International Civil Aviation Organisation

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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