



Safety Data Sheet

acc. to OSHA HCS

Printing date 08/15/2016

Version-No. 9

Reviewed on 06/17/2016

Identification

- **1.1. Product identifier**
- **Trade name / Article No:** KLEIBERIT **826.0**
- **Application of the substance / the mixture** Adhesives
- **1.3. Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

KLEBCHEMIE	KLEIBERIT Adhesives USA Inc.
M.G.Becker GmbH + Co. KG	
Max Becker Str. 4	109-B Howie Mine Road, PO Box 1319
D - 76356 Weingarten / Baden	Waxhaw, NC 28173
Germany	USA
- **Information department:**

Phone 1-704-843-3339	.
FAX 1-704-843-4930	.
- **1.4. Emergency telephone number:**

email: hse@kleiberit.com	1-800-424-9300 (CHEMTREC)
	1-800-451-1403 (SARA-HOTLINE)

Hazard(s) identification

- **2.1. Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008 - GHS/CLP**
The substance is not classified according to the CLP regulation.
- **2.2. Label elements**
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Hazardous Material (US)**
This material is not considered as hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
None
- **NFPA-ratings (scale 0 - 4) - USA:**

1	0	0
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Health = 0
Fire = 1
Reactivity = 0
- **HMIS-ratings (scale 0 - 4) - USA:**

HEALTH 0	FIRE 1	REACTIVITY 0
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Health = 0
Fire = 1
Reactivity = 0
- **CARCINOGENICITY** NTP: No IARC: No OSHA: No
- **2.3. Other hazards**
The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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Composition/information on ingredients

- Dangerous components:**

Registry-No's	Identification / Classification GHS-CLP	%
25322-68-3	polyethylene glycol	>99%

First-aid measures

- 4.1. Description of first aid measures**
- General information:** No special measures required.
- 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.
- After swallowing:**
Rinse out mouth with plenty of water.
Rinse out mouth and then drink 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.

Fire-fighting measures

- 5.1. Extinguishing media**
- Suitable extinguishing agents:**
CO₂, extinguishing 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.

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**
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.

Handling and storage

- Handling:**
- 7.1. Precautions for safe handling** No special measures required.
- 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 receptacles:** Keep container tightly closed.
- Information about storage in one common storage facility:** Observe the national regulations.
- Further information about storage conditions:** None.

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

Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.

- 8.1. Control parameters

- Components with limit values that require monitoring at the workplace: Not required.

CAS No.	Designation of material	%	Type	Value	Unit
25322-68-3	polyethylene glycol				
WEEL (USA) Long-term value: 10 mg/m ³ (H); MW>200					

- 8.2. Exposure controls

- Personal protective equipment:

- General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

- Breathing equipment: Not required.

- Protection of hands: Protective gloves

- Material of gloves A Nitrile rubber - NBR: AlphaTec® (Lamination strength not applicable)

- Eye protection: Goggles recommended during refilling.

Physical and chemical properties

- 9.1. Information on basic physical and chemical properties

- General Information

- Appearance:

Form:

Fluid

Color:

Colorless

- Odor:

Mild

- Odor threshold:

Not determined.

- pH-value at 20 °C (68 °F):

6-7.5 (100g/L)

- Change in condition

Melting point/Melting range:

-20 °C (-4 °F)

Boiling point/Boiling range:

229 °C (444 °F)

Setting temperature / range:

4 - 8 °C (39 - 46 °F)

- Flash Point:

>200 °C (>392 °F)

- Flammability (solid, gaseous):

Not applicable.

- Ignition Temperature:

Not applicable.

- Decomposition Temperature:

Not determined.

- Auto Igniting:

Not determined.

- Danger of Explosion:

Product does not present an explosion hazard.

- Explosion Limits:

Lower:

- Vapor Pressure at 20 °C (68 °F):

<0.1 hPa (<0 mm Hg)

- Density at 20 °C (68 °F):

1.13 g/cm³ (9.43 lbs/gal)

- Relative Density

Not determined.

- Vapour Density

Not determined.

- Evaporation Rate

Not determined.

- Solubility in / Miscibility with

Water:

Not miscible or difficult to mix.

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- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
 - Dynamic:** Not determined
 - Kinematic at 20 °C (68 °F):** 55-65 mm²/s
 - Organic solvents:** 0.0 %
- **9.2. Other information** No further relevant information available.

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:** No dangerous decomposition products known.

Toxicological information

- **11.1. Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:**
 - 25322-68-3 polyethylene glycol**
 - Oral LD₅₀ >15000 mg/kg (rat)
 - Dermal LD₅₀ >20000 mg/kg (rabbit)
 - >2000 mg/kg (rat)
- **Primary irritant effect:**
 - **on the skin:** Based on available data, the classification criteria are not met.
 - **on the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **Carcinogenic categories**
- **NTP (National Toxicology Program)**
 - Substance is not listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**
 - Substance is not listed.

Ecological information

- **12.1. Toxicity**
- **Aquatic toxicity:**
 - May cause long-term adverse effects in the aquatic environment.
- **25322-68-3 polyethylene glycol**
 - LC₅₀ >100 mg / l / 96h (fish)
 - LC₅₀ >10 000 mg / l / 48h (water flea - Daphnia)
 - EC₅₀ >100 mg / l / 48h (water flea - Daphnia)
 - EC₅₀ >100 mg / l / 72h (algae)
- **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.

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- **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.

Disposal considerations

- **13.1. Waste treatment methods**
- **Recommendation:**
Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
- **Uncleaned packagings:**
- **Recommendation:**
Non contaminated packagings can be used for recycling.
Empty contaminated packagings thoroughly. Disposal must be made according to official regulations.

Transport information

- **14.1. UN-Number** Unnecessary
- **14.2. UN proper shipping name** Unnecessary
- **DOT**
- **Class** No dangerous good
- **14.4. Packing group** Unnecessary
- **14.5. Environmental hazards:** Not applicable.
- **14.6. Special precautions for user** Not applicable.
- **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

Regulatory information

- **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
See position no 2 - Hazards Identification
- **TSCA (Toxic Substances Control Act) - USA:**
25322-68-3 polyethylene glycol
- **DSL (Canadian Domestic Substance List) - Canada:**
Substance is listed.
- **Proposition 65 - USA**
- **Chemicals known to cause cancer:**
Substance is not listed.
- **Chemicals known to cause reproductive toxicity for females:**
Substance is not listed.
- **Chemicals known to cause developmental toxicity (Prop 65):**
Substance is not listed.
- **EPA (Environmental Protection Agency):**
Substance is not listed.
- **NIOSH-Ca (National Institute for Occupational Safety and Health) - California/USA:**
Substance is not listed.

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- **National regulations:**
- **VOC - Volatile Organic Compounds**
- **VOC - Volatile organic compounds: content [mass-%]** 0.00 %
- **15.2. Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

- **USA: Relevant labels and warnings HAZCOM LABEL:** NOT REQUIRED
- **Department issuing SDS:** Safety & Environment
- **Contact:** Dr. Wolfgang Stüber
- **Date of preparation / last revision** 08/15/2016 / 8
- **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
 - DOT: US Department of Transportation
 - 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)
 - NFPA: National Fire Protection Association (USA)
 - HMIS: Hazardous Materials Identification System (USA)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - PBT: Persistent, Bioaccumulative and Toxic
 - vPvB: very Persistent and very Bioaccumulative
 - OSHA: Occupational Safety & Health
 - TLV: Threshold Limit Value
 - PEL: Permissible Exposure Limit
 - REL: Recommended Exposure Limit
- *** Data compared to the previous version altered. -**

USA