

**Safety Data Sheet**
acc. to OSHA HCS

Printing date 04/30/2015

Version-No. 5

Reviewed on 10/23/2014

1: Identification· **1.1. Product identifier**· Trade name / Article No: **KLEIBERIT 827.0**· **1.2. Relevant identified uses of the substance / mixture or uses advised against**

No further relevant information available.

· **Application of the substance / the mixture** Cleaning agent/ Cleaner· **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

Allemagne / Germany

· **Information department:**

KLEIBERIT Adhesives Canada

Inc.

45 Sheppard Avenue East, Suite 900

Toronto, Ontario M2N 5W9

Canada

Phone 1-416-256-5842

FAX 1-416-781-4901

Toll free 1888-443-666

· **1.4. Emergency telephone number:**

email: hse@kleiberit.com

1-800-424-9300 (CHEMTREC)
1-800-451-1403 (SARA-HOTLINE)**2: 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· **Classification system:**· **NFPA-ratings (scale 0 - 4) - USA:**

Health = 0

Fire = 1

Reactivity = 0

· **HMIS-ratings (scale 0 - 4) - USA:**

Health = 0

Fire = 1

Reactivity = 0

· **WHMIS Classes, Divisions and Subdivisions - Canada** Not restricted· **CARCINOGENICITY** NTP: No IARC: No OSHA: No· **2.3. Other hazards**· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.

(Contd. on page 2)

Safety Data Sheet

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Reviewed on 10/23/2014

Trade name / Article No: KLEIBERIT **827.0**

(Contd. of page 1)

3: Composition/information on ingredients

- **Description:**
- **CAS-No** **description** **%**
- CAS: 28553-12-0 di-isononyl-phthalate > 95%
- RTECS: CZ3850000
- **Dangerous components:** None

4: 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:**
Treat affected skin with cotton wool or cellulose. Then wash and rinse thoroughly with water and a mild cleaning agent.
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:**
Rinse out mouth with plenty of water.
Do not induce vomiting; immediately call for medical help.
- **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.

5: Fire-fighting measures

- **Flammability** Combustible Yes: - No: **X**
- **If yes, under which conditions ?** Not flammable. Not combustible. Flash point >93.3 °C / > 200 °F
- **5.1. Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:**
- **Flash point :** See Pos. 9
- **Flammable Limits (% by volume)** Not determined
- **Autoignition Temperature :** See Pos. 9
- **Explosion Data - Sensitive to Impact:** Not applicable
- **Explosion Data - Sensitive to Static Discharge:** Not applicable
- **5.2. Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **5.3. Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

6: Accidental release measures

- **6.1. Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2. Environmental precautions:** Do not allow to enter sewers/ surface or ground 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**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

(Contd. on page 3)

Safety Data Sheet

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Version-No. 5

Reviewed on 10/23/2014

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See Section 13 for disposal information.

(Contd. of page 2)

7: Handling and storage

- **Handling:**
- **7.1. Precautions for safe handling** Avoid the formation of oil haze.
- **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:** No special measures required.
- **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.

8: 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:**
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**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Do not inhale gases / fumes / aerosols.
Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:** Neoprene gloves
- **Eye protection:** Goggles recommended during refilling.
- **Body protection:** Impervious protective clothing

9: Physical and chemical properties

- **9.1. Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Fluid
Color:	Whitish
Odor:	Odorless
- **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	> 270 °C (> 518 °F) (5 hPa)
- **Flash Point:** 200 °C (392 °F)
- **Ignition Temperature:** 400 °C (752 °F)
- **Danger of Explosion:** Product does not present an explosion hazard.
- **Vapor Pressure at 20 °C (68 °F):** 0.0001 hPa
- **Density at 20 °C (68 °F):** ca. 1.01 g/cm³ (ca. 8.428 lbs/gal)
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix.

(Contd. on page 4)

Safety Data Sheet

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Printing date 04/30/2015

Version-No. 5

Reviewed on 10/23/2014

Trade name / Article No: KLEIBERIT **827.0**

(Contd. of page 3)

- **Viscosity:**
 Dynamic at 20 °C (68 °F): ca. 19 000 mPas
 Method: Brookfield RVT
- **9.2. Other information** No further relevant information available.

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.
- **Decomposition will begin at:** > 280 °C
- **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:** Carbon monoxide and carbon dioxide

11: Toxicological information

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

28553-12-0 di-isononyl-phthalate
 Oral LD₅₀ 10001 mg/kg (rat) (OECD-Prüfrichtlinie 401)
 oral (rat): > 10 000 mg/kg
- **Primary irritant effect:**
- **on the skin:**
 No irritant effect.
 OECD-Test 404
- **on the eye:**
 No irritating effect.
 OECD-Test 405
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
 When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
 The substance is not subject to classification.
- **Carcinogenic categories**
- **NTP (National Toxicology Program)**

 Substance is not listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**

 Substance is not listed.

12: Ecological information

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

28553-12-0 di-isononyl-phthalate
 EC₅₀ 75 mg / l / 48h (water flea - Daphnia) (EG 92/69)
 LC₅₀ 102 mg / l / 96h (Zebrafish - Danio rerio) (EG 92/69)
- **Type of test Effective concentration Method Assessment**
 Brachydanio rerio > 100 mg/l/96h LC0
 Daphnia magna not toxic
 Scenedesmus subspicatus > 100 mg/l/72h EC50
- **12.2. Persistence and degradability** No further relevant information available.

(Contd. on page 5)

Safety Data Sheet

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Trade name / Article No: KLEIBERIT **827.0**

(Contd. of page 4)

- **Degree of elimination:** 81 % (Sturmtest, EG 92/69)
- **12.3. Bioaccumulative potential** No further relevant information available.
- **12.4. Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water
- **12.5. Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6. Other adverse effects** No further relevant information available.

13: Disposal considerations

- **13.1. Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system. 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:**
Empty contaminated packagings thoroughly. Disposal must be made according to official regulations. Non contaminated packagings can be used for recycling.

14: Transport information

- **14.1. UN-Number** Void
- **14.2. UN proper shipping name** Void
- **DOT, IMDG**
- **Class** No dangerous good
- **IATA**
- **Class** Not classified as dangerous goods under IATA regulations
- **14.4. Packing group** Void
- **14.5. Environmental hazards:**
- **Marine pollutant:** No
- **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.

15: Regulatory information

- **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
See position 2 - Hazards Identification
- **TSCA (Toxic Substances Control Act) - USA:**
28553-12-0 di-isononyl-phthalate
- **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.
- **CDN: WHMIS-controlled material** Not restricted

(Contd. on page 6)

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Trade name / Article No: KLEIBERIT **827.0**

(Contd. of page 5)

- **15.2. Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

- **USA: Relevant labels and warnings** HAZCOM LABEL: NOT REQUIRED

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

- **Contact:** Dr. Wolfgang Stüber

- **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

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)

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

- *** Data compared to the previous version altered. -**

CAE