Material Safety Data Sheet
selon ISO/DIS 11014

Printing date 03/29/2017 Version-No. 9 Reviewed on 03/29/2017

1 Identification

· **1.1. Product identifier**

· **Trade name / Article No: KLEIBERIT *761.7 / 761.7.04***

· **Application of the substance / the mixture** Cleaning substance (Detergents)

· **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

KLEIBERIT Adhesives Canada Inc.
45 Sheppard Avenue East, Suite 900
Toronto, Ontario M2N 5W9
Canada .

· **Information department:**

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 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

· **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**
The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.

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3 Composition/information on ingredients

· **3.2 Mixtures**
· **Description:** Mixture of synthetic plastics, based on ethylene vinyl acetate

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· **Dangerous components:**

· Registry-No's	Identification / Classification GHS-CLP	%
CAS: 36653-82-4 RTECS: MM 0225000	hexadecan-1-ol	10-20% w/w

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:** After contact with the molten product, cool rapidly with cold 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.

5 Fire-fighting measures

· **Flammability** Combustible Yes: **-** No: **-**
· **If yes, under which conditions ?** Not flammable. Not combustible. Flash point >93.3 °C / > 200 °F
· **5.1. Extinguishing media**
· **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
· **For safety reasons unsuitable extinguishing agents:**
· **Flash point :** See Pos. 9
· **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.

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6 Accidental release measures

· **6.1. Personal precautions, protective equipment and emergency procedures** Not required.
· **6.2. Environmental precautions:** No special measures required.
· **6.3. Methods and material for containment and cleaning up:** Allow to solidify. Pick up mechanically.
· **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.

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7 Handling and storage

· **Handling:**
· **7.1. Precautions for safe handling**
Any deposit of dust which cannot be avoided must be regularly removed.
Use appropriate industrial vacuum cleaners or central vacuum systems for dust removal.
Prevent formation of dust.
· **Information about protection against explosions and fires:**
Dust can combine with air to form an explosive mixture.
>> Protect against electrostatic charges. <<

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· **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.

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8 Exposure controls/personal protection

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

· **8.2. Exposure controls**
· **Personal protective equipment:**
· **Breathing equipment:**
Wear NIOSH-approved, air-purifying respirator.
· **Protection of hands:** Heat resistant gloves
· **Material of gloves**
Leather gloves
A Nitrile rubber - NBR: AlphaTec® (Lamination strength not applicable)
· **Eye protection:** Safety glasses

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9 Physical and chemical properties

· **9.1. Information on basic physical and chemical properties**
· **General Information**
· **Appearance:**
Form: Solid
Color: Blue
· **Odor:** Weak, characteristic

· **Change in condition**
Boiling point/Boiling range: Undetermined.
Softening temperature / range: 761.7: ~95 °C / ~203 °F
761.7.04: ~75 °C / ~167 °F

· **Flash Point:** Not applicable.

· **Ignition Temperature:** Not applicable.

· **Auto Igniting:** Product is not selfigniting.

· **Danger of Explosion:** Product does not present an explosion hazard.

· **Explosion Limits:**
Lower:
· **Vapor Pressure:** Not applicable

· **Density at 20 °C (68 °F):** 0.98 g/cm³ (8.178 lbs/gal)

· **Solubility in / Miscibility with**
Water: Insoluble.

· **Viscosity:**
Dynamic: Not applicable

· **Solvent content:** 0 %
· **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:** To avoid thermal decomposition do not overheat.

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· **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.
· **Additional information:**
When hotmelt adhesives are melted and applied, vapours are set free and an unpleasant odour can occur, even if the recommended working temperature has been observed. Moreover if the prescribed working temperature is exceeded over a longer period, harmful decomposition products can develop.
Therefore measures for the elimination of the vapours have to be taken, e.g. by means of an appropriate ventilation/ exhaust device.

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11 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:**

36653-82-4 hexadecan-1-ol
Oral LD_{50} >5000 mg/kg (rat) (OECD-Prüfrichtlinie 401)
Dermal LD_{50} >2000 mg/kg (rat) (OECD-Prüfrichtlinie 402)
· **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)**

None of the ingredients is listed.

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12 Ecological information

· **12.1. Toxicity**
· **Aquatic toxicity:** No further relevant information available.
· **12.2. Persistence and degradability** No further relevant information available.
· **Other information:** The product is not easily biodegradable.

· **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.
· **12.6. Other adverse effects** No further relevant information available.

13 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.
Smaller quantities can be disposed of with household waste.
· **Uncleaned packagings:**
· **Recommendation:**
Non contaminated packagings can be used for recycling.
Empty contaminated packagings thoroughly. Disposal must be made according to official regulations.

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14 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:**
· **Marine pollutant:** No
· **14.6. Special precautions for user** Unnecessary
· **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Unnecessary

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15 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:** All components of this product are on TSCA.

· **National regulations:**
· **VOC - Volatile Organic Compounds**
· **VOC - Volatile organic compounds: content [mass-%]** 0 %
· **US (40CFR part59): VOC content [g / L]** solid, 0 g / L
· **CDN: WHMIS-controlled material** Not restricted

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

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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 SDS:** Safety & Environment
· **Abbreviations and acronyms:**
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
· *** Data compared to the previous version altered.** -