

**Safety Data Sheet**

according to UK REACH Regulation

**Spezial-Einschleifpaste öllöslich\_Special Lapping Paste (oil soluble)**

Revision date: 22.02.2023

Product code: 0102

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Spezial-Einschleifpaste öllöslich\_Special Lapping Paste (oil soluble)

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Grinding paste

Restricted to professional users.

**1.3. Details of the supplier of the safety data sheet**

Company name:	Artur Gloeckler GmbH	
Street:	Poststr.6	
Place:	D-63796 Kahl am Main	
Telephone:	+49 6188 9174 0	Telefax: +49 6188 9174 20
E-mail:	info@gloeckler.com	
Contact person:	Mr Bernhard Schmitt	Telephone: +49 6188 9174 11
E-mail:	sdb@gloeckler.com	
Internet:	www.gloeckler.com	

**1.4. Emergency telephone number:**

0049-6188-917411 Contact times of emergency phone number: Mon-Fri 7am - 4pm Information in German, English and French.

**Further Information**

Voluntary product information following the Safety Data Sheet format

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

**2.2. Label elements****2.3. Other hazards**

No risks worthy of mention.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Relevant ingredients**

none (according to UK REACH Regulation)

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

When in doubt or if symptoms are observed, get medical advice.

**After inhalation**

not relevant

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.

Rub greasy ointment into the skin. In case of skin irritation, consult a physician.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and

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easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

#### After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water.  
Medical treatment necessary.

#### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

#### 4.3. Indication of any immediate medical attention and special treatment needed

If the product is injected in or under the skin, the person concerned should consult a doctor regardless of the appearance and size of the wound. Symptoms caused by high pressure injection may be insignificant or non-existing at first, but the ultimate extent of the injury can be reduced considerably by early surgical treatment.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>). Foam. Extinguishing powder. Water fog.

#### Unsuitable extinguishing media

High power water jet.

### 5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Use personal protection equipment.

#### For emergency responders

Wear personal protection equipment (refer to section 8).

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

### 6.3. Methods and material for containment and cleaning up

#### For containment

Stop leak if safe to do so. Cover drains.

#### For cleaning up

Take up mechanically, placing in appropriate containers for disposal.

#### Other information

Clean contaminated articles and floor according to the environmental legislation.

### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Special danger of slipping by leaking/spilling product. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

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#### Advice on protection against fire and explosion

Protect against: heat. No special technical protective measures are necessary. Usual measures for fire prevention.

#### Advice on general occupational hygiene

Do not eat, drink, smoke or sneeze at the workplace.

#### Further information on handling

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Requirements for storage rooms and vessels

Keep container tightly closed.  
Keep protected against water and moisture.

##### Hints on joint storage

Do not store together with: Acid Oxidizing agent

#### 7.3. Specific end use(s)

Abrasive

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Additional advice on limit values

To date, no national critical limit values exist.

#### 8.2. Exposure controls

##### Appropriate engineering controls

No special measures are necessary.

##### Individual protection measures, such as personal protective equipment

##### Eye/face protection

No special measures are necessary.

##### Hand protection

Tested protective gloves must be worn (EN ISO 374).

Suitable material: NBR (Nitrile rubber) Breakthrough times and swelling properties of the material must be taken into consideration.

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Draw up and observe skin protection programme.

##### Skin protection

working clothes

##### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required. nicht erforderlich

##### Thermal hazards

No information available.

##### Environmental exposure controls

Avoid release to the environment.

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#### SECTION 9: Physical and chemical properties

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

Physical state: Paste  
Colour: brown  
Odour: characteristic

	Test method
Boiling point or initial boiling point and boiling range:	>360 °C base material
Flash point:	>200 °C base material
Water solubility:	insoluble
Vapour pressure:	<0,013 hPa
(at 20 °C)	
Density (at 20 °C):	>1,5 different depending on grain sizes g/cm <sup>3</sup>
Relative vapour density:	not applicable

##### 9.2. Other information

###### Information with regard to physical hazard classes

Explosive properties  
not Explosive.  
Oxidizing properties  
Not oxidizing.

###### Other safety characteristics

Evaporation rate: not applicable  
Solvent content: not applicable  
Solid content: ca. 50%  
Viscosity / dynamic: different depending on grain sizes

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

##### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

##### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

##### 10.4. Conditions to avoid

heat.

Keep away from sources of ignition - No smoking.

##### 10.5. Incompatible materials

Oxidizing agents, strong.

##### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

#### SECTION 11: Toxicological information

##### 11.1. Information on hazard classes as defined in GB CLP Regulation

###### Acute toxicity

Based on available data, the classification criteria are not met.

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#### **ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

#### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.  
In rare cases the product can cause temporary erythema of the skin.

#### **Sensitising effects**

Based on available data, the classification criteria are not met.

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

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.

#### **Information on likely routes of exposure**

oral, dermal, inhalative, Eye contact.

#### **Additional information on tests**

In rare cases the product can cause temporary erythema of the skin.

#### **11.2. Information on other hazards**

##### **Endocrine disrupting properties**

No information available.

### **SECTION 12: Ecological information**

#### **12.1. Toxicity**

Based on available data, the classification criteria are not met.

#### **12.2. Persistence and degradability**

The product has not been tested.

#### **12.3. Bioaccumulative potential**

No indication of bio-accumulation potential.

#### **12.4. Mobility in soil**

No data available

#### **12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.  
The components in this formulation do not meet the criteria for classification as PBT or vPvB.

#### **12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### **12.7. Other adverse effects**

No data available

### **SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

##### **Disposal recommendations**

Dispose of waste according to applicable legislation.

##### **List of Wastes Code - used product**

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120121 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; spent grinding bodies and grinding materials other than those mentioned in 12 01 20

#### Contaminated packaging

Handle contaminated packaging in the same way as the substance itself.

Control report for waste code/ waste marking according to EAKV: 150101 - 150102 -150104

### SECTION 14: Transport information

#### Land transport (ADR/RID)

**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### Other applicable information (land transport)

No dangerous good in sense of this transport regulation.

#### Inland waterways transport (ADN)

**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

#### 14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

#### Other applicable information

No dangerous good in sense of this transport regulation.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

##### Additional information

Observe in addition any national regulations!

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

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#### SECTION 16: Other information

##### Changes

This data sheet contains changes from the previous version in section(s): 4,5,6,7,8,9,11,12,13,15,16.

Revision date: 2009-08-11 completely revised

Revision date: 2011-05-19 Section 11,12

Revision date: 2014-07-10

##### Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

M-Factor: Multiplication Factor

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

TI: Technical Instructions

DGR: Dangerous Goods Regulations

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

EG or EC: European Community

IE: Industrial Emissions

SVHC: Substance of Very High Concern

##### Key literature references and sources for data

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

##### Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly



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responsible for adhering to existing laws and regulations.

*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*