



## Safety data sheet according to UK REACH

Printing date 10.03.2025

Version number 4 (replaces version 3)

Revision: 25.02.2025

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name: JOHA Polishing paste**
- **Article number:** 8750, 7690
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the mixture** Polishing agent/ Burnishing compound
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Hammerl GmbH & Co. KG  
Geigenlacke / Violin varnishes  
Hauptstraße 18  
91083 Baiersdorf  
Phone +49 (0)9133 2330  
Fax +49 (0)9133 5171  
e-mail [joha@hammerl.com](mailto:joha@hammerl.com)
- **1.4 Emergency telephone number:**  
Giftinformationszentrale Universitätsklinikum Mainz  
International  
24h Emergency number in German and English  
Phone: +49 6131 19240

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements**  
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read carefully and follow all instructions.  
P273 Avoid release to the environment.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Additional information:**  
3.2 % of the mixture consists of component(s) of unknown toxicity.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

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**Dangerous components:**

CAS: 1317-65-3	Caliumcarbonat substance with a Community workplace exposure limit	10-25%
CAS: 64742-49-0 EINECS: 265-151-9	Naphtha (petroleum), hydrotreated light ⚠ Flam. Liq. 2, H225 ⚠ Asp. Tox. 1, H304 ⚠ Aquatic Chronic 2, H411 ⚠ STOT SE 3, H336	≥10-<20%
CAS: 64742-82-1 EINECS: 265-185-4	Naphtha (petroleum), hydrodesulfurized heavy ⚠ Flam. Liq. 3, H226 ⚠ Asp. Tox. 1, H304	2.5-10%
CAS: 64-17-5 EINECS: 200-578-6	ethanol ⚠ Flam. Liq. 2, H225	2.5-10%

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

- 4.1 Description of first aid measures**
- 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:** If symptoms persist consult 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: Firefighting 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.
- 5.2 Special hazards arising from the substance or mixture**  
No further relevant information available.
- 5.3 Advice for firefighters**
- Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**  
Not required.
- 6.2 Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
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).  
Dispose contaminated material as waste according to section 13.
- 6.4 Reference to other sections**  
See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
No special measures required.  
No special precautions are necessary if used correctly.
- **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 requirements.
  - **Information about storage in one common storage facility:** Not required.
  - **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### · 8.1 Control parameters

##### · Ingredients with limit values that require monitoring at the workplace:

###### 1317-65-3 Calciumcarbonat

WEL	Long-term value: 10* 4** mg/m <sup>3</sup> *inhalable dust; **respirable
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###### 64-17-5 ethanol

WEL	Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm
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- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
  - **Appropriate engineering controls** No further data; see section 7.
  - **Individual protection measures, such as personal protective equipment**
  - **General protective and hygienic measures:**  
Wash hands before breaks and at the end of work.
  - **Respiratory protection:** Not required.
  - **Hand protection**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
  - **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
  - **Penetration time of glove material**  
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
  - **Eye/face protection** Goggles recommended during refilling

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**SECTION 9: Physical and chemical properties****· 9.1 Information on basic physical and chemical properties****· General Information**

· Physical state	Liquid
· Colour:	According to product specification
· Odour:	Characteristic
· Odour threshold:	Not determined.
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	98 °C
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	0.6 Vol %
· Upper:	7 Vol %
· Flash point:	>55 °C
· Auto-ignition temperature:	>200 °C
· Decomposition temperature:	Not determined.
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic:	Not determined.
· Solubility	
· water:	Not miscible or difficult to mix.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C:	23 hPa
· Density and/or relative density	
· Density:	Not determined.
· Relative density	Not determined.
· Vapour density	Not determined.

**· 9.2 Other information**

· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Not determined.
· Solvent content:	
· Organic solvents:	14.3 %
· Water:	26.5 %
· Solids content:	9.7 %
· Change in condition	
· Evaporation rate	Not determined.

**· Information with regard to physical hazard classes**

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void

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- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **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.

**SECTION 11: Toxicological information**

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:****1317-65-3 Calciumcarbonat**

Oral	LD50	>2,000 mg/kg (rat)
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**64741-89-5 Distillates (petroleum), solvent-refined light paraffinic**

Oral	LD50	>5,000 mg/kg (rat)
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Dermal	LD50	>2,000 mg/kg (rat)
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**64742-49-0 Naphtha (petroleum), hydrotreated light**

Oral	LD50	>5,000 mg/kg (rat)
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Dermal	LD50	>2,800 mg/kg (rabbit)
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Inhalative	LC50/4 h	23.3 mg/l (rat)
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**Emulan EL**

Oral	LD50	>2,000 mg/kg (rat)
------	------	--------------------

**64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy**

Oral	LD50	>5,000 mg/kg (rat)
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**64-17-5 ethanol**

Oral	LD50	3,450 mg/kg (mouse)
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7,060 mg/kg (rat)
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6,300 mg/kg (rabbit)
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Dermal	LD50	>2,000 mg/kg (rat)
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Inhalative	LC50/4 h	20,000 mg/l (rat)
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- **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**  
Based on available data, the classification criteria are not met.
- **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.
- **11.2 Information on other hazards**

**Endocrine disrupting properties**

78-93-3 butanone

List II

**SECTION 12: Ecological information**

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.

Type of test	Effective concentration	Method	Assessment
<b>1317-65-3 Calciumcarbonat</b>			
EC50 (48h)	>1,000 mg/l	(daphnia)	
LC50 (96h)	>10,000 mg/l	(fish)	
<b>64742-49-0 Naphtha (petroleum), hydrotreated light</b>			
EC50 (48h)	3 mg/l	(daphnia magna)	
LC50 (96h)	13.4 mg/l	(Oncorhynchus mykiss)	
IC50 (72h)	10-30 mg/l	(algae)	
NOEC	0.17 mg/l	(daphnia magna) (21 d)	
<b>Emulan EL</b>			
LC50 (96h)	100-500 mg/l	(gol)	
<b>64742-82-1 Naphtha (petroleum), hydrodesulfurized heavy</b>			
LC50/EC50/IC50	1-10 mg/l	((.))	
<b>64-17-5 ethanol</b>			
EC50 (48h)	9,268 mg/l	(daphnia magna)	
LC50 (48h)	8,140 mg/l	(gol)	
LC50 (24h)	>100 mg/l	(daphnia magna)	
EC5 (16h)	6,500 mg/l	(Pseudomonas Putita)	

- **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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects**
- **Remark:** Harmful to fish

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**· Additional ecological information:****· General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.  
Harmful to aquatic organisms

### SECTION 13: Disposal considerations

**· 13.1 Waste treatment methods****· Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**· Uncleaned packaging:**

**· Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

**· 14.1 UN number or ID number**

**· ADR, ADN, IMDG, IATA** Void

**· 14.2 UN proper shipping name**

**· ADR, ADN, IMDG, IATA** Void

**· 14.3 Transport hazard class(es)**

**· ADR, ADN, IMDG, IATA**

**· Class** Void

**· 14.4 Packing group**

**· ADR, IMDG, IATA** Void

**· 14.5 Environmental hazards:**

**· Marine pollutant:** No

**· 14.6 Special precautions for user** Not applicable.

**· 14.7 Maritime transport in bulk according to IMO instruments** Not applicable.

**· UN "Model Regulation":** Void

### SECTION 15: Regulatory information

**· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**· Poisons Act****· Regulated explosives precursors**

None of the ingredients is listed.

**· Regulated poisons**

None of the ingredients is listed.

**· Reportable explosives precursors**

None of the ingredients is listed.

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**· Reportable poisons**

None of the ingredients is listed.

**· Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the GB CLP regulation.

**· Hazard pictograms** Void**· Signal word** Void**· Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

**· Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**· Directive 2012/18/EU****· Named dangerous substances - ANNEX I** None of the ingredients is listed.**· National regulations:****· Additional classification according to Decree on Hazardous Materials, Annex II:**

Carcinogenic hazardous material group III (dangerous).

**· Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**· 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.

**· Relevant phrases**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

**· Department issuing SDS:** Abteilung Umweltschutz**· Contact:** Hr. Hammerl**· 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

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

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STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· \* **Data compared to the previous version altered.**

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