

Safety Data Sheet according to Ordinance (EC) No. 1907/2006

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1. Identification of the substance / mixture and of the company / undertaking

Trade name: Blue Polishing Paste

Supplier: Gerd Eisenblätter GmbH

Jeschkenstraße 12d
82538 Geretsried
Phone: + 49 (0) 8171 / 9082 - 010

Emergencies: +49 (0) 8171 / 9082 – 010

2. Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The substance is not classified according to the CLP regulation

Physical Hazard: not classified

Human Health Hazard: not classified

Environmental Hazard: not classified

Classification according to Regulation 67/548/EEC [DSD] or Directive 1999/45/EC

According to current European laws and regulations the product is not dangerous or toxic material (based on the available data). No hazards to be particularly mentioned.

Please note the information of this Material Safety Data Sheet.

3. Composition / Information on ingredients

Generally chemical description mixture of fatty acids, paraffines, aluminumoxide, colour

Compound does not contain animal fats

4. First aid measures

4.1. Description of first aid measures

4.1.1 In case of inhalation:

Remove source of contamination or have victim move to fresh air. If suffocation is serious, seek medical assistance immediately.

4.1.2 In case of skin contact:

Rinse skin with water/shower.

4.1.3 In case of eye contact:

Immediately flush the contaminated eye with running water for several minutes. Seek medical assistance immediately.

4.1.4. After swallowing:

If swallowed, do not induce vomiting. Rinse mouth, drink plenty of water. Seek medical assistance immediately. Never give anything orally to an unconscious person.

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4.2. Information on medical assistance:

Medical assistance is required if there are adverse symptoms or after a long exposure. Treatment should generally be symptomatic and palliative.

4.3. Indication of the immediate medical assistance and special treatment needed

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatment: Treat symptomatically.

5. Fire-fighting measures

Extinguishing media: Foam, carbon dioxide, water mist, dry powder – no restriction.
Environmental hazards: In the event of fire the following can be released: CO, CO₂, NO_x.
Particular hazards: Use adequate extraction devices. Do not allow contaminated water into drains / groundwater.
Personal Protection: Wear suitable protective clothing, eye protection and self-contained breathing apparatus.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate exhaust ventilation.

6.2. Environmental precautions

Do not discharge into drains/ surface waters/ groundwater.

6.3. Methods and material for containment and cleaning up

Take up mechanically, send in suitable containers for recovery or disposal.

7. Handling and storage

7.1. Precautions for safe handling

Local exhaust ventilation is strongly recommended when used for normal polishing operation. A dust mask may be adequate for smaller quantities and/or intermittent use. Also refer to 8. Exposure Controls / Personal Protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool dry place (5° < t < 35°C) away from foodstuffs. Shall be consumed within 24 months after day of production.

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8. Exposure controls / personal protection

Ingredients with limit values which require monitoring at the workplace

**Exposure limits/
Respiratory protection:** Refer to "7. Handling and Storage" and "15. Regulatory information"
If dust levels are likely to exceed the OES, a dust mask should be worn complying with BS EN 149 "Specification for filtering half masks to protect against particles"

Eye protection: Goggles should be worn if necessary. Avoid contact with eyes.

Personal protective equipment: Overalls and gloves may help to prevent workers becoming excessively dirty.

8.1. Control parameters

Ingredients with limit values which require monitoring at the workplace

aluminumoxide (non-fibrous)	VLA-D	10 mg/m ³	INSHT
	TLV-TWA	1 mg/m ³	ACGIH
	VLA-ED	1 mg/m ³	INSHT

Paraffin waxes and hydrocarbon waxes

WEL Short-term value:	6 mg/m ³
Long-term value:	2 mg/m ³

Additional Occupational Exposure Limit Values for possible hazards during processing:

Observe general threshold limit for dust. Details see TRGS 900

Additional information: The lists valid during the making were used as basis.

8.2. Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:

Use suitable respiratory protective device only when aerosol or mist is formed.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use selfcontained respiratory protective device.

Filter	P2
Protection of hands:	Oil resistant gloves
Material of gloves	Nitrile

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

General information

Appearance:

Form: solid

Colour: blue

Odour: characteristic / mild

pH-value: not applicable

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Change in condition:
Melting point /
Melting range: not applicable

Boiling point /
Boiling range: not applicable

Vapour pressure: not applicable

Flammability: not applicable

Explosive Properties: none

Oxidising Properties: none

Relative density: approx. 1.6 g/cm³ (at 20 °C)

Solubility in /
Miscibility with water: non soluble

10. Stability and reactivity

Stable under normal conditions. Hazardous decomposition products: CO, CO₂, NO_x.
Contact with acids to be avoided.

11. Toxicological information

11.1. Information on toxicological effects

The substance is not classified in any category of acute toxicity hazard.

Skin contact: The product is not classified as irritant according to the criteria of Regulation (CCE) 1272/2008. Extended exposure may dry and crack the skin and cause irritation in sensitive individuals.

Eye contact: The substance may irritate the eyes by mechanical action (rubbing), although severe lesions are not to be expected.

Ingestion: According to available information the acute oral toxicity of the substance will be foreseeable be greater than 2000 mg/kg (rat). Ingestion of large amounts may cause mild intestinal irritation.

Inhalation: Acute inhalatory exposure (short term) may cause coughing and difficulty to breathe in the event of exposure to large concentrations of the substance.

11.2. Chronic toxicity

Information given is based on data obtained similar substances. Did not show any carcinogenic effects in animal experience (weight of evidence approach).

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12. Ecological information

The product itself is not known to be dangerous to the environment. However, due to its potential generation of suspended particulate matter in water, which may cause use high turbidity - with the subsequent deleterious effect to aquatic ecosystems, it must not be discharged in large amounts to surface waters

13. Disposal considerations

13.1. Waste treatment methods

In accordance with national and local regulations special waste must be taken to an authorised waste incineration plant.

All packing material must be fully discharged and can be recycled after cleaning.

Disposal code according to EAK / EWC:

120115

Uncleaned packaging:

Spoiled packing must be disposed like the product itself.

14. Transport information

14.1. ADR / UN-Number

The product does not constitute a hazardous substance in national/international road, rail, sea and air transport.

14.2. IMDG / IATA

Not classified as dangerous goods

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture labeling according to

Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

16. Other information

Abbreviations and acronyms:

ADR: Accord European relatif au transport international des marchandises Dangereuses par Route

RIO: Reglement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord european relatif au transport international des marchandises dangereuses par voie de navigation interieure

AVV= Abfallverzeichnis-Verordnung

ATE = Acute toxic estimate

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BGI = Berufsgenossenschaftliche Informationen
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = Europe Inventory of Existing Commercial Chemical Substances
ELINCS = European List of Notified Chemical Substances
GHS = Globally Harmonized System of Classification and Labeling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest- observed-adverse-effect-level
LGK = Lagerklasse
MARPOLL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No observed adverse effect level
NOEC = No observed effect concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV®/TWA = Threshold limit value- time-weighted average
TLV®STEEL = Threshold limit value -short-time exposure limit
TRGS = Technische Regeln für Gefahrstoffe
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative
VwVwS = Verwaltungsvorschrift wassergefährdende Stoffe

The information given is based on current knowledge. Products are described in term of their safety data. The data does not signify any warranty with regard to the products properties.

The product should only be used for the stated application or applications. Use of the product for applications other than as stated in the sheet may give rise to risks not mentioned in this sheet.