

# Safety Data Sheet

## according to Ordinance (EC) No. 1907/2006

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### 1. Identification of the substance/preparation and of the company/undertaking

**Trade name:** POLY lime  
**Supplier:** Gerd Eisenblätter GmbH

Jeschkenstraße 10  
82538 Geretsried  
Phone: + 49 (0) 8171/9384-0

**Emergencies:** +49 (0) 8171 / 9384 - 0

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### 2. Composition / Information on ingredients

<u>Ingredients</u>	<u>EINECS-No.</u>	<u>CAS. No.</u>	<u>Conc.</u>
calcium carbonate	215-279-6	1317-65-3	85 – 100 %

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### 3. Hazards identification

This mixture is not classified as hazardous according to directive 1999/45/EC.  
GHS: This mixture is not classified as hazardous according to regulation (EC) No. 1272/2008.

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### 4. First aid measures

Inhalation : Provide fresh air.  
Skin contact : Wash with plenty of water. Take off contaminated clothing and wash it before reuse.  
Eye contact : Rinse immediately carefully and thoroughly with eye-bath or water.  
Ingestion : Rinse mouth immediately and drink plenty of water.

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### 5. Fire-fighting measures

Extinguishing media : Co-ordinate fire-fighting measures to the fire surroundings.

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### 6. Accidental release (Spill containment measures)

Personal precautions : Avoid generation of dust. Do not breathe dust.

Environmental precautions : No special environmental measures are necessary. Clean contaminated objects and areas thoroughly observing environmental regulations.

Methods for cleaning up/  
taking up : Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

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### 7. Handling and storage

Advice on safe handling : No special measures are necessary.

Advice on protection against fire and explosion : No special fire protection measures are necessary.

Requirements for storage rooms and vessels : Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Advice on storage compatibility : Do not store together with: acid  
Storageclass (D) : 13

### 8. Exposure controls / personal protection

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

8.1. Occupational exposure limit values and / or biological limit values  
Keep exposure to the following components under surveillance  
(Observe also the regional official regulations)

<u>Ingredients</u>	<u>CAS. No.</u>	<u>Category</u>
Calcium carbonate, respirable	1317-65-3	TWA (8 h) STEL (15 min)

8.2. Exposure controls

8.2.1. Occupational exposure controls

8.2.1.1. Respiratory protection: In case of inadequate ventilation wear respiratory protection.

8.2.1.2. Hand protection: In case of prolonged or frequently repeated skin contact:  
Suitable gloves type: NBR (Nitrile rubber).

8.2.1.3. Eye protection: Tightly sealed safety glasses

8.2.1.4. Skin protection: Wear suitable protective clothing

8.2.1.5. Protective and hygiene measures: Take off contaminated clothing and wash before reuse.  
Wash hands before breaks and after work. When using do not eat or drink.

### 9. Physical and chemical properties

9.1. Form : solid (powder)

9.2. Colour : whitish

9.3. Solubility in water : odourless

Safety relevant data:

Boiling point : not determined

Melting point : > 800 °C

Vapour pressure : not determined

Oxidizing properties : none

Explosion hazard

lower explosion limit : not determined

upper explosion limit : not determined

Density : 2.6 – 2.8 g/cm<sup>3</sup> (20°C)

Solubility : 0,014 g/L

pH (100 g/l, 20°C) : 8.5 – 9.5

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### 10. Stability and reactivity

#### Stability

Coated abrasives are stable when handled or stored correctly.

#### Reactivity

10.1. Conditional to avoid:  
None

10.2. Material to avoid  
No information available.

10.3. Hazardous decomposition products:  
Thermal decomposition > 600 °C  
Acid. Hazardous decomposition products: Carbon dioxide (CO<sub>2</sub>).  
Carbon dioxide can displace oxygen.

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### 11. Toxicological information

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### 12. Ecological information

12.1. Mobility	: The product has not been tested.
12.2. Persistence and degradability	: Inorganic product which is not eliminable from water through biological cleaning processes. Due to its low solubility in water the product is almost completely mechanically separated in biological sewage plants.
12.3. Bio accumulative potential	: The product has not been tested.
12.4. Other hazardous effects	: No information available.
12.5. Further information	: No special environmental measures are necessary.

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### 13. Disposal considerations

#### 13.1. Product

Dispose of waste according to applicable legislation.

#### 13.2. Packing

Wash with plenty of water. Completely emptied packages can be recycled.

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### 14. Transport information

No dangerous good in sense of this transport regulation.

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### 15. Regulatory information

National regulatory information : not water contaminating

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### 16. Other information

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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.

Further information relating to the use of the product can be obtained from the technical datasheets.