

SAFETY DATA SHEET

Conforms to Regulation (EG) No. 1907/2006

Product name : Parting Powder
Date of revision : 19.08.2015 Version : 04.02.01
Date of issue : 20.08.2015



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

Identification of the substance/ mixture / here: mixture

Parting powder (Germany: Formpuder)

Other identifications

Lykpodium replacement

Application of this substance/ mixture / here: mixture

Foundry release agent

Relevant identified uses of the substance / mixture

Sector of use

Product Category

Process Category

Environmental Release Category

No further relevant information available.

Manufacturer/ Supplier

KBO Kleine-Brockhoff u. Oelschläger GmbH

Street

Am Schölsbach 19

Country indicator/ postal code/ location

DE – 46244 Bottrop-Kirchhellen

Telephone number for technical information

+49 (0) 2045 / 9619-0

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Emergency telephone number

As above (during the office hours: Monday –Thursday from 8 till 16 / Friday from von 8 till 12 o'clock)
CEO Joachim Kramer +49 (0)151 64955608

02. Hazards identification

Classification

Classification according to Regulation (EC) No. 1272/2008 (Annex II)

This product does not require labeling according to regulation (EC) No. 1272/2008.

Label elements

Identification according to Regulation (EC) No. 1272/2008

EUH 210 Material Safety Data Sheet available on request.

03. Composition/ information on ingredients

Substances

Description: Mixture of ground limestone and other non-classification and labeling substances subject.

Dangerous components: None.

04. First aid measures

General information: Pay attention to self protection. Perform immediate life saving action situation-related. Cover wounds germ-free. Keep the body at rest, protect against heat loss.

After inhalation: Remove affected persons from danger zone. Supply fresh air. If breathing ceases, apply artificial respiration. Consult doctor in case of complaints.

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After skin contact: Remove contaminated clothing, possible also shoes. Flush skin with water.

After eye contact: Flush eyes out immediately with large amounts of water (approx. 10 min) with eye lids lifted. When eyes are injured, put on sterile protection bandage. After eye contact always consult doctor.

After swallowing: Immediately rinse out the mouth thoroughly. Then drink plenty of water. Consult doctor in case of complaints.

Symptoms and effects, both acute and delayed: Not known.

Indication of any immediate medical attention and special treatment needed:
Show the MSDS to the doctor.

05. Fire fighting measures

Suitable extinguishing media: in accordance with the surrounding fire

Unsuitable extinguishing media: none known

Combustion products and resulting gases: possible release of carbon dioxide

Special protection equipment for fire-fighters: in accordance with the surrounding fire

Additional information: none

06. Accidental release measures

General information:

Personal precautions: Avoid backing up.

Environmental precautions: Collect without dust formation and send for disposal

Methods and material for containment and cleaning up

As far as possible dry collection and send for disposal. Wash away remaining residues with warm water.

Further information: Consideration of section 8 and 13.

07. Handling and storage

Precautions for safe handling

Use personal protective equipment (see section 8). When decanting wear protective clothing, safety goggles, protective gloves. When decanting bigger quantities without extraction system: use respiratory protection. Do not eat, drink, smoke in the areas of work. Wash hands after work and possibly take off contaminated clothing.

Precautions in Case of Fire and Explosion: No special measures are necessary.

Storage

Requirements to be met by storerooms and containers: Store in original containers and keep containers tightly closed.

Information about storage in one common storage facility: Store in a cool, frost-free place. Do not store together with acids.

(Germany) Lagerklasse : LGK 13 (according to VCI/TRGS 510)

Specific end-use: no data

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08. Exposure controls/ personal protection

Additional information about design of technical systems: No further data.

Components with critical values that require monitoring at the workplace according to TRGS 900 (Germany):

CAS-No.	substance name	threshold	Method
	general dust limit value	10 mg/m ³	AGW
DNEL (derived no effect level): currently not available			
PNEC (predicted no effect concentration): currently not available			

Additional information:

Personal protective equipment

General protective and hygienic measures:

Respiratory protection: Fine dust mask according to EN 149 FFP2

Protection of hands:

Wear suitable gloves (thickness > 0,4mm; penetration time >= 8 hours (level 6)) made of e.g. natural latex or nitrile (e.g. Combi-Latex No. 395, Camatril No. 730, producer KCL).

Eye protection: protective glasses according to EN 166

Other protective and hygienic measures: Do not breathe dust. Avoid contact with skin and eyes

Delimitation and monitoring of the environmental exposition:

s. Chapter 7. No further action is necessary.

09. Physical and chemical properties

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Appearance

Form: solid / powder
Color : light yellow
Smell : odourless

Danger of explosion: The mixture does not have such properties.

Critical values for explosion

Lower :

Upper :

Vapour pressure at 20°C: inapplicable (solid)

Density at 20 °C: inapplicable (solid)

Solubility/ Miscibility with water: inapplicable (solid)

pH value: inapplicable (solid)

Change in condition:

Melting point/ melting range: not defined (decomposition)

Boiling point/ Boiling range: inapplicable (solid)

Flashpoint : inapplicable (solid)

Evaporation rate: inapplicable (solid)

Flammability: not flammable (solid)

Bulk density: approx. 1120 kg/m³

Solubility in water: insoluble in water

Partition coefficient n-Octanol / water: inapplicable (solid)

Auto ignition temperature: The product is not spontaneously inflammable.

Residue on ignition: approx. 55%

Decomposition temperature: inapplicable

Viscosity: inapplicable (solid)

dynamic at 20 °C:

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Oxidizing properties: none
Drying loss: approx. 0,1 %
Median value: not defined

Other information: No further relevant information available.

10. Stability and reactivity

Reactivity: none

Chemical stability: No decomposition if used according to specifications (environmental and storage conditions, such as barometric pressure, temperature).

Possibility of hazardous reactions: Violent reactions with acids releasing carbon-dioxide.

Conditions to avoid: contact with acids

Incompatible materials:

Hazardous decomposition products: carbon-dioxide CO₂

11. Toxicological information

Information on toxicological effects

Acute toxicity: Inapplicable. No evidence.

Primary irritant effect: Inapplicable. No evidence.

Sensitization: Inapplicable. No evidence.

Germ cell mutagenicity: Inapplicable. No evidence.

Sub-acute toxicity: Inapplicable. No evidence.

Other information:

12. Ecological information

Toxicity: Inapplicable.

Information about elimination (persistence and degradability): Inapplicable. Contents are of mineral origin.

Behaviour in environmental systems

Mobility and bioaccumulation potential:

Mobility in soil: Inapplicable. No evidence.

Bioaccumulation potential: Inapplicable. A bioaccumulation is improbable.

Results of PBT and vPvB assessment: Inapplicable. No evidence.

Additional ecological information

Other damaging effects: Not known. Due to its composition the product can be seen as ecologically harmless.

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13. Disposal considerations

Product

Waste treatment methods

Recommendation: European waste catalogue: 16 03 04 inorganic waste; unused products

Product residues: Larger quantities can be given back to the supplier. Smaller quantities can be disposed with the household waste. Never dispose in the sewer system.

Product containing waste: Disposal to local regulations. The AEK-waste key is source-related. The manufacturer cannot indicate a waste key for products which are applied in different branches. Further information from the manufacturer.

Uncleaned packaging:

Cleaned packaging: Emptied packings can be disposed with the household waste.

14. Transport information

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

15. Regulatory information

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Specifications

Classification according to VO (EG) No. 1272/2008:

Not liable to classification according to VO (EG) No. 1272/2008.

Labeling according to VO (EG) No. 1272/2008:

The product is not subject to labeling according to VO (EG) No. 1272/2008.

Hazard information: none

Safety instructions: none

Classification according to RL 67/548/EWG:

Not liable to classification according to RL 67/548/EWG.

Labeling according to RL 67/548/EWG:

The product is not subject to labeling according to RL 67/548/EWG.

Risk phrases: none

Safety advice: none

Approval restrictions and/or Restrictions on use (according to VO (EG) 1907/2006, Annex XVIII):
none

National regulations

Water hazard class: not explicitly mentioned (VwVwS dd. 17.05.1999)

Hazardous incident ordinance: -

General Classification Guideline for Preparations of the EB (BetrSichV): -

Chemical safety assessment: not currently available

16. Other information

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Wording of H- and P-phrases, resp. R- and S-phrases, optionally mentioned in chapter 2, 3 and 15

Reason for changes: Full review due to the regulations of VO (EG) 453/2010. Replaces version dd. 11.01.2010.

Training advice:

Instructions of handling with mixture based on operating instructions according to Ordinance on Hazardous Substances, resp. TRGS 555. Instructions should be made before employment begins and then once-a-year.

Abbreviations and acronyms:

TRGS: Technische Regel Gefahrstoffe.

VDI: Verein Deutscher Ingenieure.

EED: European Economic Community.

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DIN EN: Deutsche Industrie Norm Europäische Norm.
EOCD: Organisation for economic co-operation and development.
RL, VO: Richtlinie, Verordnung
GSH: Globally Harmonized System of Classification and Labelling of Chemicals.

Classification method: -

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

*** Changes of data compared to the previous**

Department issuing MSDS

Person responsible for hazardous materials
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