

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

Printing date: 06.04.2022

Revision: 1 / 21.01.2020

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

Trade name: BRIGHTEX® Softclean Powder

Supplier: Gerd Eisenblätter GmbH

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

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

2. Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

2.3. Other hazards

No information available.

3. Composition / Information on ingredients

3.2. Mixtures Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
1317-65-3	Calciumcarbonat, natürlich			85-100 %
	215-279-6			

Full text of H and EUH statements: see section 16.

4. First aid measures

4.1. Description of first aid measures

After inhalation: Provide fresh air.

After skin contact: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After eye contact: Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion: Rinse mouth immediately and drink plenty of water.

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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

Treat symptomatically.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing agents: Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable.

5.3. Advice for fire fighters

In case of fire: Wear self-contained breathing apparatus.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid generation of dust. Do not breathe dust.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

7. Handling and storage

7.1. Precautions for safe handling

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2. Requirements for storage rooms and vessels

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Hints on joint storage

Do not store together with: acid.

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8. Exposure controls / personal protection

8.1. Control parameters

Exposure limits (EH40)

Substance	CAS-No.	ppm	mg/m ³	fibres/ml	Category	Origin
Calcium carbonate, respirable	1317-65-3	-	4		TWA (8 h)	WEL

8.2. Exposure controls

Personal protective equipment:

General protective and hygienic measures:

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

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Protection of hands:

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

Eye protection:

Tightly sealed safety glasses.

Skin protection:

Wear suitable protective clothing.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form:	solid (powder)	
Colour:	whitish	
Odour:	odourless	
pH-value (at 20°C)	8.5 - 9.5 (100 g/l)	DIN ISO 787/9

Changes in the physical state

Melting point:	> 800 °C
Initial boiling point and boiling range:	not determined
Decomposition temperature:	> 600 °C
Flash point:	not applicable

Flammability

Solid:	not determined
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined

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Auto-ignition temperature

Solid:	not determined
Gas:	not applicable
Decomposition temperature:	not determined

Oxidizing properties

Not oxidising.

Vapour pressure:	not determined	
Density (at 20 °C):	2,6-2,8 g/cm ³	DIN ISO 797/10
Water solubility: (at 20 °C)	0,014 g/L	

Solubility in other solvents

not determined

Partition coefficient:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

9.2. Other information

Solid content:	not determined
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10. Stability and reactivity

10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Reacts with : Acid. Hazardous decomposition products: Carbon dioxide (CO₂).
Carbon dioxide can displace oxygen.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Thermal decomposition > 600°C

Acid. Hazardous decomposition products: Carbon dioxide (CO₂). Carbon dioxide can displace oxygen.

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11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
1317-65-3	Calciumcarbonat, natürlich				
	oral	LD 50 > 5000 mg/kg	Rat		

Irritation and corrosivity

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

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.

12. Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
1317-65-3	Calciumcarbonat, natürlich					
	Acute fish toxicity	LC 50 > 10000 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute algae toxicity	ErC 50 > 200 mg/l	72 h	Desmodesmus subspicatus		
	Acute crustacea toxicity	EC 50 > 1000 mg/l	48 h	Daphnia magna		

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. The methods for determining the biological degradability are not applicable to inorganic substances.

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12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The product has not been tested.

12.6. Other adverse effects

No information available.

12.7. Further information

No special environmental measures are necessary.

13. Disposal considerations

Waste treatment methods

Dispose of waste according to applicable legislation.

Contaminated packaging

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

14. Transport information

No dangerous goods in sense of this transport regulation.

15. Regulatory information

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

National regulatory information

Water hazard class (D): - - non-hazardous to water

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

16. Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport 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 Harmonized 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

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products.