

according to Regulation (EC) No 1907/2006

BOHLE KF150 POLISHING POWDER

Revision date: 26.09.2017

Product code: BOKF15025

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

BOHLE KF150 POLISHING POWDER

Further trade names

BO KF15001 1kg

BO KF15025 25kg

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Polishing agent

1.3. Details of the supplier of the safety data sheet

Company name:	BOHLE AG	
Street:	Dieselstr. 10	
Place:	D-42781 Haan	
Telephone:	+49 2129 5568-0	Telefax: +49 2129 5568-282
e-mail:	info@bohle.de	
Contact person:	Klaus Nehren	Telephone: +49 2129 5568-276
e-mail:	MSDS@bohle.de	
Internet:	www.bohle-group.com	
Responsible Department:	Chemie	

1.4. Emergency telephone number: Emergency CONTACT (24-Hour-Number):GBK GmbH +49 (0)6132-84463

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

Rare earth flourides

Signal word: Warning**Pictograms:****Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Rare earth flourides

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
68188-85-2	Rare earth flourides			<30 %
	269-166-1			
	Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H302 H312 H332 H315 H319 H335			
1302-78-9	Bentonite			<3 %
	215-108-5			
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335			
10043-01-3	Aluminium sulphate			<2 %
	233-135-0			
	Eye Dam. 1; H318			

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

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Provide fresh air. If symptoms persist, call a physician.
If unconscious place in recovery position and seek medical advice.

After contact with skin

Wash off immediately with soap and plenty of water.

After contact with eyes

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

After ingestion

Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting. Call a physician immediately.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**water spray dry powder foam carbon dioxide (CO₂)**5.3. Advice for firefighters**

Standard procedure for chemical fires. In the event of fire, wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Use personal protective equipment.
dust formation: In case of insufficient ventilation, wear suitable respiratory equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Use mechanical handling equipment. Clean contaminated surface thoroughly. Flush with water.

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid dust formation. Ensure adequate ventilation, especially in confined areas. Do not breathe vapours/dust.
Wear personal protective equipment.

Advice on protection against fire and explosion

No special technical protective measures required.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

No special storage conditions required. Store at room temperature in the original container. Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
16984-48-8	Fluoride (inorganic as F)	-	2.5		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

8.2. Exposure controls**Appropriate engineering controls**

Even in case of a full release, due to the small amount of substances present, it is not expected that exposure limits will be reached. However it is the duty of the user to verify this and follow given exposure limits at the workplace.

Protective and hygiene measures

Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Keep away from food, drink and animal feedingstuffs.

Eye/face protection

safety glasses with side-shields conforming to EN166

Hand protection

rubber gloves

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: powder
 Colour: off-white
 Odour: odourless

Test method

pH-Value (at 20 °C): 4-10

Changes in the physical state

Melting point: no data available
 Flash point: not applicable

Explosive properties

No hazards resulting from the material as supplied.

Oxidizing properties

No hazards resulting from the material as supplied.

Density: 1,0-1,8 g/cm³

Water solubility: insoluble

Solvent content: 0,0 %

9.2. Other information

Solid content: 100 %

SECTION 10: Stability and reactivity

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68188-85-2	Rare earth flourides				
	oral	ATE 500 mg/kg			
	dermal	ATE 1100 mg/kg			
	inhalative vapour	ATE 11 mg/l			
	inhalative aerosol	ATE 1,5 mg/l			

Irritation and corrosivity

The product causes irritation of eyes, skin and mucous membranes.

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Sensitising effects

No sensitization responses were observed.

SECTION 12: Ecological information**12.1. Toxicity**

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

In accordance with local and national regulations.

Contaminated packaging

In accordance with local and national regulations.

SECTION 14: Transport information**Other applicable information**

Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): - - not water contaminating

SECTION 16: Other information**Relevant H and EUH statements (number and full text)**

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)