

Trade name **Köster KD2 Blitz**  
Date 13.10.2003  
Date of print 13.10.2003

KÖSTER BAUCHEMIE AG  
Dieselstraße 3-10  
26607 Aurich  
Telefon: ++49-4941-9709-0  
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## 1. Identification of the product / Company Information

Trade name **Köster KD2 Blitz**

**Company** KÖSTER BAUCHEMIE AG **Emergency telephone** Department Research & Development  
Dieselstraße 3-10 Telephone: ++49-4941-9709-33  
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Telefon: ++49-4941-9709-0  
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## 2. Composition / Information on ingredients

### Chemical characterisation

Cement-based preparation

### Hazardous substance

Substance name	CAS-No.	EG-No.	% by weight	Symbols	Risk-phrases
portlandcement (dust)	68475-76-3	270-659-9	< 70	Xi R 36	R 38 R 43

## 3. Hazards identification

### Possible risks

Irritating to eyes.

Irritating to skin.

May cause sensitization by skin contact.

## 4. First aid measures

**General** None

**Inhalation** Seek medical advice

**Skin contact** Seek medical advice

**Eye contact** Remove contact lenses. Rinse eyes with wide open lids for a suitable period of time (min. 10 minutes).  
Consult immediately an doctor (eye specialist)

**Ingestion** Seek medical advice.

**Other**

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## 5. Fire fighting measures

**Extinguishing media** Product is not combustible. Adjust extinguishing measures to surrounding fire

**Unsuitable extinguishing media** not applicable

**Hazardous combustion products** not applicable

## 6. Accidental release measures

**Personal precautions** No particular measures necessary.

**Environmental precautions** No particular measures necessary.

**Cleaning measures** Remove mechanically.

## 7. Handling and storage

**Advice for safe handling** No particular measures necessary.

**Precautions against fire and explosion** No particular measures necessary.

**Requirements for storage rooms and containers** Keep dry

**Do not store with** none

**Further advice** Keep dry

## 8. Exposure control and personal protection

### Ingredients with maximum exposure limits (MEL)

Substance	CAS-No.	MEL	Unit
portlandcement (dust)	68475-76-3	5	mg/m <sup>3</sup>

**Respiratory protect.** No particular measures required

**Hand protection** Wear protective gloves (suitable glove material: Neoprene, butylrubber, nitril/butadiene rubber)

**Eye protection** Wear protective goggles.

**Body protection** Wear long-sleeved protective clothing.

**Hygienic measures** Keep away from food, drink and animal feedingstuffs. Do not eat drink or smoke while working. Wash hands before breaks and after end of work

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## 9. Physical and chemical properties

		Unit	Temperature
appearance	powder		
colour	grey-brown		
odour	odourless		
pH-value	ca. 12		20 °C
boiling point / boiling range	not determined	°C	
melting point / melting range		°C	
flash point	not applicable	°C	
ignition temperature	not applicable	°C	
Autoignition	none		
fire acceleration	none		
lower explosion limit	not applicable	% by vol.	20 °C
upper explosion limit	not applicable	% by vol.	20 °C
vapor pressures	not applicable	hPa	20 °C
density	not applicable	g/cm <sup>3</sup>	20 °C
bulk density	1.1 - 1.2	kg/m <sup>3</sup>	
water solubility	not water soluble		
viscosity	not applicable	mPa.s	20 °C
partition coefficient	not applicable	% by weight	
solvent content	solvent free	% by weight	

## 10. Stability and reactivity

**conditions to avoid** none

**substances to avoid** none

**decomposition products** None in case of appropriate handling. For decomposition products in case of fire see sect. 5

## 11. Toxicological information

Substance	CAS-No.	Value
portlandcement (dust)	68475-76-3	dermal: no data available oral: no data available inhalative: no data available dermal: oral: inhalative:

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**Local effects**

skin Irritating after contact with water.  
eye Irritating after contact with water.

sensation Yes

further informations

**12. Ecological information**

Substance	Species and value
portlandcement (dust)	no data
	no data
	no data

**water hazard class (Germany)** Im

**further information**

**13. Disposal considerations**

**EWC-Number** 170101

**Waste treatment** Waste treatment has to be carried out in accordance with local regulations.  
Contact local authorities for detailed information.

**Containers** Polluted packaging and containers have to be treated as the product itself

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## 14. Transport information

The product is not subject to transport regulations

### Land transport (ADR/RID)

#### shipping name

class	UN-Number	packaging group
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### Sea transport (IMDG)

#### shipping name

class	UN-Number	packaging group
EMS-No.	MFAG	marine pollutant

### Air transport (IATA)

#### shipping name

class	UN-Number	packaging group
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## 15. Regulatory information

The product is subject to EC-regulations

**hazardous substance** portlandcement (dust)

Xi Irritant

R 36 Irritating to eyes.  
 R 38 Irritating to skin.  
 R 43 May cause sensitization by skin contact.

S 24 Avoid contact with the skin.  
 S 25 Avoid contact with eyes.  
 S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S 37 Wear suitable gloves.

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## 16. Other information

### Explanations to R-phrases in section 2

Irritating to eyes.

Irritating to skin.

May cause sensitization by skin contact.

### Other regulations