

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**KÖSTER KBE**

Revision date: 02.10.2017

Product code: W245

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

KÖSTER KBE

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

The product is intended for professional use. Building and construction work.

**Uses advised against**

No identified use(s).

**1.3. Details of the supplier of the safety data sheet**

Company name:	KOESTER BAUCHEMIE AG	
Street:	Dieselstrasse 1 - 10	
Place:	D-26607 Aurich	
Telephone:	+49-4941-9709-0	Telefax: +49-4941-9709-40
e-mail (Contact person):	produktsicherheit@koester.eu	
Internet:	www.koester.eu	
Responsible Department:	Forschung & Entwicklung	

**1.4. Emergency telephone number:** +49-551-19240 (24 h, Giftinformationszentrum Nord)**SECTION 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****Additional advice on labelling**

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

**2.3. Other hazards**

Due to its pH value (see section 9), irritation of the skin and eyes cannot be ruled out.

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

Bitumenemulsion in water

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

First aider: Pay attention to self-protection! Due to its pH value (see section 9), irritation of the skin and eyes cannot be ruled out.

**After inhalation**

Provide fresh air.

**After contact with skin**

Wash with plenty of water. Change contaminated clothing. In case of skin irritation, consult a physician.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In all cases of doubt, or when symptoms persist, seek medical advice.

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**After ingestion**

IF SWALLOWED: rinse mouth. Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

**4.2. Most important symptoms and effects, both acute and delayed**

In case of skin contact: Frequently or prolonged contact with skin may cause dermal irritation.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.  
Suitable extinguishing media: Foam, Carbon dioxide (CO<sub>2</sub>), Sand, Extinguishing powder.

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

The product itself does not burn.

**5.3. Advice for firefighters**

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

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment. Provide adequate ventilation.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**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**

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**

Keep container tightly closed. Ensure adequate ventilation of the storage area.

**Advice on protection against fire and explosion**

No special technical protective measures are necessary.

**Further information on handling**

No special handling instructions are necessary.

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

Keep container tightly closed.

**Advice on storage compatibility**

Do not store together with: Food and fodder.

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### Further information on storage conditions

Keep away from heat. Protect against direct sunlight.

### 7.3. Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

To date, no national critical limit values exist.

### 8.2. Exposure controls

#### Appropriate engineering controls

No special technical protective measures are necessary.

#### Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

#### Eye/face protection

Tightly sealed safety glasses.

#### Hand protection

Suitable gloves type: NBR (Nitrile rubber). Butyl rubber. Breakthrough times and swelling properties of the material must be taken into consideration. Protect skin by using skin protective cream.

#### Skin protection

Only wear fitting, comfortable and clean protective clothing.

#### Respiratory protection

In fine dispersion/spraying/misting: half-mask with filter (DIN EN 149).

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	black	
Odour:	characteristic	
pH-Value:		11

#### Changes in the physical state

Melting point:	0 °C
Initial boiling point and boiling range:	100 °C

#### Explosive properties

not explosive.

#### Oxidizing properties

Not oxidizing.

Density:	1,15 g/cm <sup>3</sup>
Water solubility:	miscible.
Viscosity / dynamic:	viscous structure.

### 9.2. Other information

not applicable

## SECTION 10: Stability and reactivity

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**10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

No risks worthy of mention.

**10.5. Incompatible materials**

No risks worthy of mention.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No information available.

**Acute toxicity**

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

**Irritation and corrosivity**

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

Due to its pH value (see section 9), irritation of the skin and eyes cannot be ruled out.

**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.

**Specific effects in experiment on an animal**

No information available.

**Additional information on tests**

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

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

No information available.

**12.2. Persistence and degradability**

Product is not easily biodegradable.

**12.3. Bioaccumulative potential**

On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.

**12.4. Mobility in soil**

No information available.

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### 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

### 12.6. Other adverse effects

There are no data available on the mixture itself.

### **Further information**

Do not allow to enter into surface water or drains.

Classification according to Regulation (EC) No 1272/2008 [CLP]

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### **Advice on disposal**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

#### **Waste disposal number of waste from residues/unused products**

170302 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES); bituminous mixtures, coal tar and tarred products; bituminous mixtures other than those mentioned in 17 03 01

#### **Contaminated packaging**

Water (with cleaning agent). Completely emptied packages can be recycled.

## SECTION 14: Transport information

### **Land transport (ADR/RID)**

**14.1. UN number:** not applicable

**14.2. UN proper shipping name:** not applicable

**14.3. Transport hazard class(es):** not applicable

**14.4. Packing group:** not applicable

#### **Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

### **Inland waterways transport (ADN)**

**14.1. UN number:** not applicable

**14.2. UN proper shipping name:** not applicable

#### **Other applicable information (inland waterways transport)**

No dangerous good in sense of these transport regulations.

### **Marine transport (IMDG)**

**14.1. UN number:** not applicable

**14.2. UN proper shipping name:** not applicable

#### **Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

### **Air transport (ICAO-TI/IATA-DGR)**

**14.2. UN proper shipping name:** not applicable

#### **Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

Danger releasing substance: not applicable

### 14.6. Special precautions for user

No information available.

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No information available.

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

2004/42/EC (VOC): 0 g/L

**National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

**Additional information**

not applicable

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Further Information**

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. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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