

Safety Data Sheet

according to Regulation (EC) No 1907/2006

KÖSTER BDM

Revision date: 09.05.2017

Product code: C731

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

KÖSTER BDM

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
 e-mail (Contact person): produksicherheit@koester.eu
 Internet: www.koester.eu
 Responsible Department: Forschung & Entwicklung

Telefax: +49-4941-9709-46

1.4. Emergency telephone number:

+49 30 - 19240 (Giftnotruf Berlin)

SECTION 2: Hazards identification

2.2. Label elements

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Silicate solution in water

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			< 1 %
	200-661-7	603-117-00-0		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			

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.

After contact with skin

Wash with plenty of water. Change contaminated clothing.

After contact with eyes

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

After ingestion

Rinse mouth immediately and drink plenty of water.

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Caution if victim vomits: Risk of aspiration!

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

Co-ordinate fire-fighting measures to the fire surroundings.

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**

See section 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

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

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection 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

No special technical protective measures are necessary.

Further information on storage conditions

No special measures are necessary.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

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Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

8.2. Exposure controls**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

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber). Breakthrough times and swelling properties of the material must be taken into consideration.

Skin protection

Only wear fitting, comfortable and clean protective clothing.

Respiratory protection

No special measures are necessary.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	whitish cloudy
Odour:	odourless

Test method

pH-Value (at 23 °C): 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/cm³

Water solubility: completely miscible

Viscosity / dynamic:
(at 23 °C) 20 mPa·s

SECTION 10: Stability and reactivity**10.1. Reactivity**

No risks worthy of mention.

10.2. Chemical stability

No risks worthy of mention.

10.3. Possibility of hazardous reactions

No risks worthy of mention.

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10.4. Conditions to avoid

No risks worthy of mention.

10.5. Incompatible materials

acid.

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

No information available.

Acute toxicity

No information available.

Irritation and corrosivity

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

Sensitising effects

not sensitising.

Carcinogenic/mutagenic/toxic effects for reproduction

No information available.

STOT-repeated exposure

No information available.

Specific effects in experiment on an animal

No information available.

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

No information available.

12.2. Persistence and degradability

Product is not easily biodegradable.

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

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.

Contaminated packaging

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

SECTION 14: Transport information**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

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

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

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

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