

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**KÖSTER NB 4000 B**

Print date: 16.12.2014

Product code: 03036b

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

**1.1. Product identifier**

KÖSTER NB 4000 B

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

**Uses advised against**

No identified use(s).

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

**Manufacturer**

Company name: KOESTER BAUCHEMIE AG  
Street: Dieselstrasse 3 - 10  
Place: D-26607 Aurich  
Telephone: ++49-4941-9709-0  
e-mail: produktsicherheit@koester.eu  
Internet: www.koester.eu  
Responsible Department: Forschung & Entwicklung  
Telefax: ++49-4941-9709-46

**Supplier**

Company name: KÖSTER Aquatecnic Ltd.  
Street: 33 Castledykes Road  
Place: DG1 4SN Dumfries  
Telephone: +44 8452268283  
Contact person: Nigel Day  
Telefax: +44 8452268293

**1.4. Emergency telephone number:** ++49-4941-9709-0

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

This mixture is not classified as hazardous according to Directive 1999/45/EC.

**2.2. Label elements**

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

**Chemical characterization**

Polymerdispersion in water

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

Due to its pH value (see chapter 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.

**After contact with eyes**

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

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**After ingestion**

Rinse mouth immediately and drink plenty of water.

**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**

**6.2. 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 precautionary measures are necessary.

**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.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**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**

Wear suitable gloves. Suitable material: NBR (Nitrile rubber). Butyl rubber. Protect skin by using skin protective cream.

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**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

No special technical protective measures are necessary.

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

Physical state:	liquid
Colour:	whitish
Odour:	characteristic

**Test method**

pH-Value: 10

**Changes in the physical state**

Melting point: 0 °C

Initial boiling point and boiling range: 100 °C

Density (at 20 °C): 1,2 g/cm<sup>3</sup>

Water solubility: miscible.

Viscosity / dynamic: 200 mPa·s ISO 2555

**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.

**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 risks worthy of mention.

**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 chapter 9), irritation of the skin and eyes cannot be ruled out.

**Sensitising effects**

no danger of sensitization.

**Specific effects in experiment on an animal**

No risks worthy of mention.

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**Additional information on tests**

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

**SECTION 12: Ecological information**

**12.1. Toxicity**

No risks worthy of mention.

**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.

**12.5. Results of PBT and vPvB assessment**

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

**Further information**

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

**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**

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

**SECTION 16: Other information**

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