

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Impulse für Mensch und Umwelt

## F018-K10 hebro®add dH

Version: 1.7

Revision Date 22.08.2014

Print Date 24.08.2014

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

#### 1.1 Product identifier

Trade name : F018-K10 hebro®add dH

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

Use of the Sub-  
stance/Mixture : Hardness adjustment

#### 1.3 Details of the supplier of the safety data sheet

Company : hebro chemie GmbH  
Rostocker Str. 40  
41199 Mönchengladbach  
Contact person : Wolfgang Schaffers  
Telephone : +49 (0) 2166 6009-0  
Telefax : +49 (0) 2166 6009-99  
Contact person product safety : Abteilung Produktsicherheit  
E-mail address : info-produktsicherheit@gmx.de

#### 1.4 Emergency telephone number

: Giftinformationszentrum Erfurt:  
+49 (0) 361 730 730

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

##### Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

##### Labelling according to EC Directives (67/548/EEC)

Further information : The product does not need to be labelled in accordance with

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EC directives or respective national laws.

### 2.3 Other hazards

The information required is contained in this Material Safety Data Sheet.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not applicable

### 3.2 Mixtures

Chemical nature : Aqueous solution of alkaline earth salts

Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : No special precautions required.
- If inhaled : No information available.
- In case of skin contact : After contact with skin, wash immediately with plenty of water.
- In case of eye contact : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Seek medical advice.  
If eye irritation persists, consult a specialist.
- If swallowed : Call a physician immediately.  
Keep patient warm and at rest.  
Immediately give large quantities of water to drink.  
Prevent vomiting if possible.

### 4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No information available.

Risks : No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

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Treatment : Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : The product itself does not burn.  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : No information available.

#### 5.3 Advice for firefighters

Special protective equipment for firefighters : No special precautions required.  
Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Handle in accordance with good industrial hygiene and safety practice.

#### 6.2 Environmental precautions

Environmental precautions : Inform the relevant authorities if it enters sewers, aquatic environment or soil.

#### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).  
Keep in suitable, closed containers for disposal.  
Contaminated surfaces will be extremely slippery.

#### 6.4 Reference to other sections

See chapter 8 and 13

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

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Advice on safe handling : No special precautions required.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : No special storage conditions required.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Further information on storage conditions : Protect from frost.  
Keep at temperatures between 5°C and 40°C.

Advice on common storage : No materials to be especially mentioned.

### 7.3 Specific end use(s)

Specific use(s) : Hardness adjustment

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Personal protective equipment

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection : Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

Eye protection : not required

Skin and body protection : not required

Protective measures : Follow the skin protection plan.

#### Environmental exposure controls

General advice : Inform the relevant authorities if it enters sewers, aquatic environment or soil.

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**hebrochemie**  
GmbH



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### SECTION 9: Physical and chemical properties

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

Appearance	: liquid
Colour	: colourless
Odour	: slight
Flash point	: Not applicable
Ignition temperature	: 680 °C
pH	: 7.7 at 1,000 g/l 20 °C
Boiling point/boiling range	: > 100 °C Method: DIN 51751
Vapour pressure	: 23 hPa at 20 °C Information taken from reference works and the literature.
Density	: 1.06 g/cm <sup>3</sup> at 20 °C Method: DIN 51757
Water solubility	: 1,000 g/l completely miscible
Viscosity, kinematic	: not determined

#### 9.2 Other information

Explosivity	: No data available
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### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

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No hazards to be specially mentioned.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

Conditions to avoid : No decomposition if used as directed.

### 10.5 Incompatible materials

Materials to avoid : None known.

### 10.6 Hazardous decomposition products

Risk of decomposition. : No data available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

#### Skin corrosion/irritation

Skin irritation : Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.  
May cause skin irritation in susceptible persons.

#### Serious eye damage/eye irritation

Eye irritation : The liquid splashed in the eyes may cause irritation and reversible damage.

#### Respiratory or skin sensitisation

Sensitisation : This information is not available.

#### Carcinogenicity

Remarks : Not classifiable as a human carcinogen.

Further information : Health injuries are not known or expected under normal use.

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### SECTION 12: Ecological information

#### 12.1 Toxicity

Toxicity to fish : No data available

#### 12.2 Persistence and degradability

Biodegradability : No data available

#### 12.3 Bioaccumulative potential

Bioaccumulation : No data available

#### 12.4 Mobility in soil

Mobility : No data available

#### 12.5 Results of PBT and vPvB assessment

No data available

#### 12.6 Other adverse effects

Additional ecological information : Do not flush into surface water or sanitary sewer system.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Product : Do not let product enter drains.  
Do not dispose of with domestic refuse.  
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Packaging : Do not dispose of with domestic refuse.

Contaminated packaging : Dispose of in accordance with local regulations.

Waste Code : 070101 aqueous washing liquids and mother liquors

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### SECTION 14: Transport information

#### ADR

Not dangerous goods

#### IATA

Not dangerous goods

#### IMDG

Not dangerous goods

#### RID

Not dangerous goods

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Other regulations : The product is classified and labelled in accordance with EC directives or respective national laws.  
Regional or national implementations of GHS may not implement all hazard classes and categories.

#### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this substance.

### SECTION 16: Other information

Full text of Notas referred to under section 3

#### Further information

The information provided is based on our current knowledge and experience and apply to the product as delivered. Regarding the product properties, these are not guaranteed. The delivery of this safety datasheet does not free the recipient of the product from his own responsibility to follow the relevant rules and regulations concerning this product.

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.