

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Impulse für Mensch und Umwelt

XF080-K21 hebro synt 20

Version: 1.6

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 : XF080-K21 hebro synt 20

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

Use of the Sub-
stance/Mixture : High speed grinding cooling agent for metalworking

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 (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 according to EC Directives (1999/45/EC)

Further information : The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

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

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Impulse für Mensch und Umwelt

XF080-K21 hebrosynt 20

Version: 1.6

Revision Date 22.08.2014

Print Date 24.08.2014

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical nature : Preparation of polyglycols, anticorrosives plus anionic and additives

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

- Treatment : Treat symptomatically.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Impulse für Mensch und Umwelt

XF080-K21 hebrosynt 20

Version: 1.6

Revision Date 22.08.2014

Print Date 24.08.2014

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

Advice on safe handling : No special precautions required.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Impulse für Mensch und Umwelt

XF080-K21 hebrosynt 20

Version: 1.6

Revision Date 22.08.2014

Print Date 24.08.2014

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) | : High speed cooling lubricant for metalworking |
|-----------------|---|

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. |
|----------------|---|

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Impulse für Mensch und Umwelt

XF080-K21 hebrosynt 20

Version: 1.6

Revision Date 22.08.2014

Print Date 24.08.2014

Appearance	: liquid
Colour	: colourless
Odour	: mild
pH	: 8.5 at 1,000 g/l 20 °C
Boiling point/boiling range	: > 100 °C
Vapour pressure	: 2 hPa at 20 °C Information taken from reference works and the literature.
Density	: 1.03 g/cm ³ at 20 °C Method: DIN 51757
Water solubility	: 1,000 g/l completely soluble

9.2 Other information

Explosivity : No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

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

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Impulse für Mensch und Umwelt

XF080-K21 hebrosynt 20

Version: 1.6

Revision Date 22.08.2014

Print Date 24.08.2014

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.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish : No data available

12.2 Persistence and degradability

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Impulse für Mensch und Umwelt

XF080-K21 hebrosynt 20

Version: 1.6

Revision Date 22.08.2014

Print Date 24.08.2014

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 : 070499 / 070699 wastes not otherwise specified

SECTION 14: Transport information

ADR

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

RID

Not dangerous goods

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Impulse für Mensch und Umwelt

XF080-K21 hebrosynt 20

Version: 1.6

Revision Date 22.08.2014

Print Date 24.08.2014

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.