

## Safety data sheet

according to Regulation (EC) No 1907/2006 (REACH)

Printing date 02.02.2017

Version number 3

Revision: 31.01.2017

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

#### • 1.1 Product identifier

- Trade name: LF 990
- Article number: 285126503
- Description: Test solution KCl 0,001 mol/l (147 µS/cm)
- Product code: scho0053

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

- Product category: PC21 Laboratory chemicals
- Process category: PROC15 Use as laboratory reagent
- Application of the substance / the preparation: Conductivity test solution

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

##### • Manufacturer/Supplier:

Xylem Analytics Germany GmbH  
Dr.-Karl-Slevogt-Str. 1  
82362 Weilheim  
Germany

Contact: SI Analytics, Mainz  
Tel. +49.(0)6131.66.5111

- Further information obtainable from: E-Mail: msds.si@xylem-inc.com

- **1.4 Emergency telephone number:** Chemtrec: (USA & Canada) 800-424-9300 (International) 001 703-527-3887

### SECTION 2: Hazards identification

#### • 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008:  
The product is not classified according to the CLP regulation.

#### • 2.2 Label elements:

- 2.2.1 Labelling according to Regulation (EC) No 1272/2008: Void
- Hazard pictograms: Void
- Signal word: Void
- Hazard statements: Void
- **2.3 Other hazards** No further relevant information available.

### SECTION 3: Composition/information on ingredients

#### • 3.2 Mixture

- Description:  
Mixture, consisting of the following components:  
Water, potassium chloride
- Dangerous components: Void
- Additional information: For the wording of the listed hazard phrases refer to section 16.

### \* SECTION 4: First aid measures

#### • 4.1 Description of first aid measures

- After skin contact: Rinse skin with water/shower.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing:  
Rinse out mouth and then drink plenty of water.

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If symptoms persist consult doctor.

- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

## SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- Suitable extinguishing agents: The product is not flammable. Extinguishing agent to suit environment.
- **5.2 Special hazards arising from the substance or mixture** No hazards to be particularly mentioned.
- **5.3 Advice for firefighters**
- Protective equipment: No special measures required.

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** No special measures required.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:** Wash off with water.
- **6.4 Reference to other sections** No dangerous substances are released.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- Information about fire - and explosion protection: No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Store at room temperature (15-25 °C).
- **7.3 Specific end use(s)** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- **8.1 Control parameters**
- Ingredients with limit values that require monitoring at the workplace:  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- Personal protective equipment:
- General protective and hygienic measures:  
Avoid contact with the eyes and skin.  
Take off contaminated clothing and wash it before reuse.  
Wash hands before breaks and at the end of work.
- Respiratory protection: Not required.
- Protection of hands: Protective gloves recommended for frequent or long-term skin contact.
- Material of gloves Nitrile rubber, NBR
- Eye protection: Safety glasses

## SECTION 9: Physical and chemical properties

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

#### • General Information

#### • Appearance:

|         |            |
|---------|------------|
| Form:   | Fluid      |
| Colour: | Colourless |

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|                                                                                                    |                                               |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------|
| • Odour:                                                                                           | Odourless                                     |
| • pH-value:                                                                                        | 7                                             |
| • Change in condition<br>Melting point/freezing point:<br>Initial boiling point and boiling range: | 0 °C<br>100 °C                                |
| • Flash point:                                                                                     | Not applicable.                               |
| • Explosive properties:                                                                            | Product does not present an explosion hazard. |
| • Vapour pressure at 20 °C:                                                                        | 23 hPa                                        |
| • Density at 20 °C:                                                                                | 1 g/cm <sup>3</sup>                           |
| • Solubility in / Miscibility with water:                                                          | Fully miscible.                               |
| • Viscosity:<br>Dynamic:<br>Kinematic:                                                             | Not determined.<br>Not determined.            |
| • <b>9.2 Other information</b>                                                                     | No further relevant information available.    |

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- Acute toxicity Based on available data, the classification criteria are not met.
- Primary irritant effect:
- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity 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.

## \* SECTION 12: Ecological information

- **12.1 Toxicity**
- Aquatic toxicity: No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- Additional ecological information:
- General notes: Generally not hazardous for water
- **12.5 Results of PBT and vPvB assessment** Not applicable.

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- **12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

### • 13.1 Waste treatment methods

#### • Recommendation

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

#### • European waste catalogue

|          |                                                                               |
|----------|-------------------------------------------------------------------------------|
| 06 00 00 | WASTES FROM INORGANIC CHEMICAL PROCESSES                                      |
| 06 03 00 | wastes from the MFSU of salts and their solutions and metallic oxides         |
| 06 03 14 | solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13 |

#### • Uncleaned packaging:

- Recommendation: Empty ampoules can be treated like household refuse.

## SECTION 14: Transport information

|                                                                                  |                 |
|----------------------------------------------------------------------------------|-----------------|
| • <b>14.1 UN-Number</b>                                                          |                 |
| • ADR/RID, ADN, IMDG, IATA                                                       | Void            |
| • <b>14.2 UN proper shipping name</b>                                            |                 |
| • ADR/RID, ADN, IMDG, IATA                                                       | Void            |
| • <b>14.3 Transport hazard class(es)</b>                                         |                 |
| • ADR/RID, ADN, IMDG, IATA                                                       |                 |
| • Class                                                                          | Void            |
| • <b>14.4 Packing group</b>                                                      |                 |
| • ADR/RID, IMDG, IATA                                                            | Void            |
| • <b>14.5 Environmental hazards:</b>                                             |                 |
| • Marine pollutant:                                                              | No              |
| • <b>14.6 Special precautions for user</b>                                       | Not applicable. |
| • <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| • UN "Model Regulation":                                                         | Void            |

## \* SECTION 15: Regulatory information

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

#### • Directive 2012/18/EU

- Named dangerous substances - ANNEX I None of the ingredients is listed.

### • 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

### • Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

- \* Data compared to the previous version altered.

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EU

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