

**Material Safety Data Sheet**

according to ANSI Z400.1-2004

**Pufferlösung LF**

Print date : 29.09.2008

Product code : 1027658

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**1. Product and Company Identification**

Product group : Eigenproduktion

**Commercial product name**

Pufferlösung LF

**Further product name**

Also applies to the following material numbers: 1005215; 1027657; 1005214; 1027655; 1027656

**Chemical characterization ( preparation )**

Kaliumchlorid (KCl) CAS Nr. 7447-40-7 &lt;1%

**Information manufacturer / supplier**

Company name : ProMinent Dosiertechnik GmbH (PROMINENT)  
Street : Im Schuhmachergewann 5-11  
Place : DE-69123 Heidelberg  
Post-office box : 101760  
DE-69007 Heidelberg  
Telephone : 0049/6221 842 (0) Telefax : 0049/6221 842 (445)  
Contact person : Fr.Baumann Telephone : +49(0)6221 842-720  
e-mail : s.baumann@prominent.de  
Internet : www.prominent.com  
Inquiry office : Abteilung T/U (Technik/Umwelt)  
Wasserlabor  
Emergency telephone : Giftnotruf Berlin +49 (0)30 - 19240

**2. Hazards Identification****Route(s) of Entry****Signs and Symptoms of Exposure**

Carcinogenicity (NTP) :  
Carcinogenicity (IARC) :  
Carcinogenicity (OSHA) :

**3. Composition/Information on Ingredients****4. First Aid Measures****5. Fire Fighting Measures****Suitable extinguishing media**

To suit environment.

**Unsuitable extinguishing media**

Not applicable.

**6. Accidental Release Measures****Methods for cleaning up/taking up**

Take up with liquid-absorbent material. Rinse away remainder with a lot of water.

**7. Handling and Storage**

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**Handling****Advice on safe handling**

The product is to be handled with the care and diligence usual for chemicals.

**Storage****Requirements for storage rooms and vessels**

Protect against direct sunlight and frost. Keep original container tightly closed.

**8. Exposure Controls/Personal Protection****Exposure limit values****Additional advice on control parameters**

Not applicable.

**Exposure controls****Occupational exposure controls**

Not applicable.

**Protective and hygiene measures**

Not applicable.

**Respiratory protection**

Not applicable.

**Hand protection**

Not applicable.

**Eye protection**

Not applicable.

**Skin protection**

Not applicable.

**Environmental exposure controls**

Not applicable.

**9. Physical and Chemical Properties****Appearance**

Form :

Color :

**Important health, safety and environmental information**

pH-Value (at 20 °C) :

6,5

Test method

**Changes in the physical state**

Density (at 20 °C) :

1,0 g/cm<sup>3</sup>**10. Stability and Reactivity****Stability****Conditions to avoid**

No decomposition if used according to specifications.

**Materials to avoid**

None known.

**Hazardous decomposition products**

None known.

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**Possibility of Hazardous Reactions****11. Toxicological Information****Acute toxicity**

"Quantitative data on the toxicity of this product are not available. Hazardous properties

**Specific effects in experiment on an animal**

Kaliumchlorid : 2600mg/kg (oral, )

**12. Ecological Information****Ecotoxicity**

Given proper handling and use, no ecological problems are to be expected.

**Mobility**

Not applicable.

**Persistence and degradability**

Not applicable.

**Bioaccumulative potential**

Not applicable.

**Other adverse effects**

None known.

**13. Disposal Considerations****Advice on disposal**

"Small containers can be returned during the chemicals collection campaigns of the

**Contaminated packaging**

"Rinse the emptied containers with a lot of water ! Then, these can be disposed of at the

**14. Transport Information****Land transport (ADR/RID)****Other applicable information**

This product is not classified as dangerous in the sense of transport regulations.

**15. Regulatory Information****U.S. Regulations****16. Other Information****Other data**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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