

**WTW Safety Data Sheet**  
According to EC Directives 91/155/EEC

**1. Identification of the substance/preparation and of the company/undertaking**

*Product name:*

**Electrolyte Solution 3 mol/l KCl AgCl saturated**

**Ord. No.: 109 702**

**Model: KCl-AgCl-250 and KCl/pH**

*Manufacturer:*

WTW Wissenschaftlich-Technische Werkstätten GmbH, Dr.-Karl-Slevogt-Straße 1, D-82362 Weilheim, Germany, Tel.: (0881) 183-0, Fax.: (0881) 62539

Emergency telephone:  
(001)-703-527-3887

**2. Composition/information on ingredients**

*Chemical characterization:* Aqueous saline solution

*Ingredients:* Potassium chloride

*Hazard symbols:* No hazardous product

*R-phrases:* /

*Content:* < 20 %

*CAS-No.:* 7447-40-7

*EINECS-No.:* 231-211-8

**3. Hazards identification**

No hazardous product.

**4. First aid measures**

*After inhalation:* Fresh air

*After skin contact:* Wash off with plenty of water.  
Remove contaminated clothing.

*After eye contact:* Rinse out with plenty of water with the  
eyelid held wide open.

*After ingestion:* Drink plenty of water. Induce vomiting.  
Immediately contact doctor.

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### 5. Fire-fighting measures

*Suitable extinguishing media:* To suit environment.

*Unsuitable extinguishing media:* No information available.

*Special risks:* None

*Other information:* Non combustible

### 6. Accidental release measures

*Personal-related precautionary measures:* Avoid generation of dusts.

Do not inhale dusts.

*Environmental-protection measures:* Do not allow to enter sewerage system.

*Procedures for cleaning/absorption:* Clean up affected area with water.

### 7. Handling and storage

*Handling:* No further requirements

*Storage:* Tightly closed.

### 8. Exposure control/personal protection

*Specific control parameters:* None

Personal protective equipment

*Respiratory protection:* Required when dusts are generated.

*Eye protection:* Protective glasses

*Hand protection:* Gloves

*Industrial hygiene:* Wash hands after working with substance.

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### 9. Physical and chemical properties

<i>Form:</i> Liquid	<i>Colour:</i> Colourless	<i>Odour:</i> Odourless
<i>pH-value</i>	°C	
<i>Melting temperature:</i>	°C	
<i>Boiling temperature:</i>	°C	
<i>Ignition temperature:</i>	°C	
<i>Flash point:</i>	°C	
<i>Explosion limite lower:</i>	/	
<i>upper:</i>	/	
<i>Density:</i>	/	
<i>Solubility in water:</i>	miscible	
<i>Thermal decomposition:</i>	/	

### 10. Stability and reactivity

<i>Conditions to be avoided:</i>	None
<i>Substances to be avoided:</i>	None
<i>Hazardous decomposition products:</i>	None
<i>Further information:</i>	None

### 11. Toxicological information

<i>Acute toxicity:</i>	LD 50 oral rat 2600 mg/kg for potassium chloride
<i>Further toxicological information:</i>	After ingestion of large amounts: Cardiac dysrhythmia, cardiovascular failure.

### 12. Ecological information

<i>Ecotoxic effects:</i>	Toxic for aquatic organisms
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### 13. Disposal considerations

*Products:* There are no uniform regulations for the disposal of chemicals or residues. The disposal is regulated through corresponding regional laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose the special waste.

*Packaging:* Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, noncontaminated packaging may be treated like household waste or recycled.

### 14. Transport information

Not subject to transport regulations.

### 15. Regulatory information

Labelling according to EC directives

*Symbol:* No hazardous product

*R-phrases:* /

*S-phrases:* /

German regulations

*Water pollution class;* WGK: 1 slightly polluting substance

*Regulation on combustible liquids;* VbF: Non combustible

*Other regulations:* None

### 16. Other information

Date of issue: 22.1.2004

Supersedes edition of 20.8.2001

Reason for alteration: General update

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.