



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

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

*Product name:*

**Solution for sample preparation**

**Ord. No.:** 106 580E

**Model:** ISA/K

*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:* Sodium chloride

*Hazard symbols:* No hazardous product

*R-phrases:* /

*Content:* < 26 %

*CAS-No.:* 7647-14-5

*EC-No.:* 231-598-3

**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:* Make injured person drink plenty of water, immediately summon doctor.

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#### 5. Fire-fighting measures

*Suitable extinguishing media:* To suit environment

*Unsuitable extinguishing media:* None

*Special risks:* None

*Other information:* non combustible

#### 6. Accidental release measures

*Personal-related precautionary measures:* No further requirements

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

*Procedures for cleaning/absorption:* Take up with liquid-absorbent material.  
Rinse away remainder 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 vapours/aerosols are generated

*Eye protection:* Protective glasses

*Hand protection:* Gloves

*Industrial hygiene:* Wash hands and face after working with solution.  
Change contaminated clothing.

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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>	5-7 at 25°C	
<i>Melting temperature:</i>	/	
<i>Boiling temperature:</i>	about 100°C	
<i>Ignition temperature:</i>	/	
<i>Flash point:</i>	/	
<i>Explosion limite lower:</i>	/	
<i>                                  upper:</i>	/	
<i>Density:</i>	about 1,19 g/cm <sup>3</sup>	
<i>Solubility in water:</i>	miscible	
<i>Thermal decomposition:</i>		

### 10. Stability and reactivity

<i>Conditions to be avoided:</i>	No information available
<i>Substances to be avoided:</i>	No information available
<i>Hazardous decomposition products:</i>	No information available
<i>Further information:</i>	None

### 11. Toxicological information

<i>Acute toxicity:</i>	LD <sub>50</sub> (oral, rat): 3000 mg/kg
<i>Further toxicological information:</i>	After swallowing of large amounts: nausea, vomiting No toxic effect are to be expected when the product is handled appropriately.

### 12. Ecological information

<i>Ecotoxic effects:</i>	No ecological problems are to be expected when the product is handled and used with due care and attention
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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 19.11.2001  
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.