

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

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

*Product name:*

**Sodium Standard Solution 10 g/l Na<sup>+</sup>**

**Ord. No.: 120 222**

**Model: ES/Na**

*Manufacturer:*

WTW Wissenschaftlich-Technische Werkstätten GmbH, Dr.-Karl-Slevogt-Straße 1, D-82362 Weilheim, Germany, Tel.: +49(0)881 183-0, Fax.: +49(0)881 183-420

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:* 2,5 %

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

*EINECS-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 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:* None  
*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 (nitrile rubber)  
*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>	about 100°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): 3000 mg/kg for sodium chloride
<i>Further toxicological information:</i>	After ingestion of large amounts: nausea, vomiting. After eye contact: irritations.

### 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;* nonpolluting substance  
*Storage class VCI:* 12  
*Regulation on combustible liquids;* VbF: Non combustible  
*Other regulations:* None

### 16. Other information

Date of issue: 15.07.2006  
Supersedes edition of 12.02.2004  
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.