

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.: +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: < 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 (nitrile rubber)

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 ³	
<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 ₅₀ (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
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 22.01.2004
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.