

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 for Sodium Determination

Ord. No.: 150 125

Model: ISA/Na

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 amine solution

Hazardous ingredients: Diisopropylamine

Hazard symbols: Highly flammable (F) and Corrosive (C)

R-phrases: 11-20/22-34

Content: 2 %

CAS-No.: 108-18-9

EINECS-No.: 203-558-5

3. Hazards identification

Irritating to eyes, respiratory system and skin.

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. Summon eye specialist.

After ingestion: Give plenty of water to drink, induce vomiting, summon doctor.

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5. Fire-fighting measures

<i>Suitable extinguishing media:</i>	To suit environment. (water, CO ₂ , foam, powder)
<i>Unsuitable extinguishing media:</i>	No information available
<i>Special risks:</i>	The following may develop in the event of fire: NOx
<i>Other information:</i>	None

6. Accidental release measures

<i>Personal-related precautionary measures:</i>	None
<i>Environmental-protection measures:</i>	Do not allow to enter sewerage system.
<i>Procedures for cleaning/absorption:</i>	Take up with liquid-absorbent material. Forward for disposal. Clean up affected area with water.

7. Handling and storage

<i>Handling:</i>	No further requirements
<i>Storage:</i>	Store tightly closed, protected from air.

8. Exposure control/personal protection

<i>Specific control parameters:</i>	None
Personal protective equipment	
<i>Respiratory protection:</i>	Required when vapours/aerosols are generated.
<i>Eye protection:</i>	Protective glasses
<i>Hand protection:</i>	Gloves
<i>Industrial hygiene:</i>	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> Amine-like
<i>pH-value</i>	11 at 25°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>	1 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>	Oxidizing agents, acids
<i>Hazardous decomposition products:</i>	No information available
<i>Further information:</i>	None

11. Toxicological information

<i>Acute toxicity:</i>	LD50 (oral, rat): 770 mg/kg for diisopropylamine
<i>Further toxicological information:</i>	After eye and skin contact: irritations. After inhalation: irritation of the mucous membranes, coughing and dyspnoea.

12. Ecological information

<i>Ecotoxic effects:</i>	Do not allow to enter drinking water supplies, waste water, or soil.
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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: 12.2.2004

Supersedes edition of 22.3.2001

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.