

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

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

Product name: Formazine Standard 4000 FNU

Ord. No.: 600 015

Model: Standard 4000 FNU

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 solution with organic components

Hazardous ingredients: Hexamethylenetetramine and Formaldehyde

Hexamethylenetetramine

Hazard symbols: highly flammable (F)
harmful (Xn)
sensitive

R-phrases: 11-42/43

Content: 1-10%

CAS-No.: 100-97-0

EG-No.: 202-905-8

Formaldehyde

Hazard symbols: Carc. Cat 3
toxic (T)
corrosive (C)

R-phrases: 40-23/24/25-34-43

Content: < 0,1 %

CAS-No.: 50-00-0

EG-No.: 200-001-8

3. Hazards identification

Harmful.
May cause sensitization by inhalation and skin contact.

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. Immediately remove contaminated clothing.

After ingestion: Make injured person drink plenty of water, induce vomiting, summon doctor.

WTW Safety Data Sheet

Identification of the substance/preparation

Formazine Standard 4000 FNU

5. Fire-fighting measures

<i>Suitable extinguishing media:</i>	CO ₂ , foam, spray water. In adaption to materials stored in the immediate neighbourhood.
<i>Unsuitable extinguishing media:</i>	No information available.
<i>Special risks:</i>	Developments of hazardous vapours possible in the event of fire.
<i>Other information:</i>	Do not stay in dangerous zone without chemical protection clothing and selfcontained breathing apparatus. Non combustible.

6. Accidental release measures

<i>Personal-related precautionary measures:</i>	Do not inhale vapours and aerosols. Avoid substance contact.
<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.

7. Handling and storage

<i>Handling:</i>	Ensure supply of fresh air in enclosed rooms.
<i>Storage:</i>	Tightly closed and away from sources of heat. Protected from light.

8. Exposure control/personal protection

<i>Specific control parameters:</i>	No information available.
Personal protective equipment	
<i>Respiratory protection:</i>	Required when vapours or aerosols are generated.
<i>Eye protection:</i>	Protective glasses
<i>Hand protection:</i>	Gloves (rubber)
<i>Industrial hygiene:</i>	Wash hands and face after working with solution. Change contaminated clothing.

WTW Safety Data Sheet

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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

ADR/GGVSE:

IMDG/GGVSee:

ICAO/IATA:

Further information: Not subject to transport regulations.

15. Regulatory information

Labelling according to EC directives

<i>Symbol:</i>	Harmful (Xn).
<i>R-phrases:</i> 42/43	May cause sensitization by inhalation and skin contact.
<i>S-phrases:</i> 24-37	Avoid contact with skin. Wear suitable gloves.

German regulations

Water pollution class; WGK: 1 slightly polluting substance

Regulation on combustible liquids; VbF: Non combustible

Other regulations:

16. Other information

Date of issue:	10.4.2007
Supersedes edition of	Not applicable
Reason for alteration:	First edition

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.