

Material Safety Data Sheet

According to 91/155 EEC

Reviewed on 23.02.2005

* 1 Identification of substance:

- **Product details:** Reagent for water analysis
- **Product name:** Reactive Phosphate (PO4-P Dilution 0-5.0 mg/l)
- **Catalog number:** 251 989 **Model:** PO4-2 TC
- **Supplier:**
WTW Wissenschaftlich-Technische Werkstätten GmbH
Dr.-Karl-Slevogt-Str. 1
D-82362 Weilheim
Fax: +49(0)881 183-420
Tel.: +49(0)881 183-0
Tel.: +49(0)881 183-100
Internet: <http://www.WTW.com>
E-Mail: Info@WTW.com
- **Emergency information:**
Poison Center Berlin, Germany
Tel.: +49(0)30 19240

2 Composition/Data on components:

- **Chemical characterization:**
- **CAS No. Designation:**
7732-18-5 water, distilled, conductivity or of similar purity
- **Identification number(s):**
- **EINECS Number:** 231-791-2

3 Hazards identification

- **Hazard designation:** void
- **Information pertaining to particular dangers for man and environment** void

4 First aid measures

- **General information** No special measures required.

* 5 Fire fighting measures

- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **Additional information** Ambient fire may liberate hazardous vapours.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** No special measures required.
- **Additional information:** No dangerous materials are released.

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*** 7 Handling and storage**

- **Handling**
 - **Information for safe handling:** No special measures required.
 - **Information about protection against explosions and fires:** The product is not flammable
 - **Storage**
 - **Requirements to be met by storerooms and containers:** Store in cool location.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:**
Store under dry conditions.
Protect from the effects of light.
 - **Storage class** Not required.
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*** 8 Exposure controls and personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.
 - **Components with limit values that require monitoring at the workplace:** Not required.
 - **Additional information:** The lists that were valid during the compilation were used as basis.
 - **Personal protective equipment**
 - **Breathing equipment:** Not required.
 - **Protection of hands:** Not required.
 - **Penetration time of glove material** Not required.
 - **Eye protection:** Not required.
 - **Body protection:** Not required.
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9 Physical and chemical properties:

· Form:	Fluid
· Colour:	Colourless
· Odour:	Odourless
· Melting point/Melting range:	0°C
· Boiling point/Boiling range:	100°C
· Flash point:	Not applicable
· Danger of explosion:	Product is not explosive.
· Vapour pressure at 20°C:	23 hPa
· Density at 20°C	1 g/cm ³
· Solubility in / Miscibility with Water:	Fully miscible
· pH-value at 20°C:	7
· Viscosity:	
dynamic at 20°C:	0.952 mPas
Organic solvents:	0.0 %
Water:	100.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
 - **Dangerous reactions** No dangerous reactions known
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- **Dangerous products of decomposition:** see chapter 5
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* 11 Toxicological information

- **Acute toxicity:**
 - **Primary irritant effect:**
 - **on the skin:** No irritant effect.
 - **on the eye:** No irritant effect.
 - **Sensitization:** No sensitizing effect known.
 - **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
The material is not subject to classification according to EC lists in the last version.
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12 Ecological information:

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- **General notes:** Generally not hazardous for water.
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13 Disposal considerations

- **Product:**
 - **Recommendation** Smaller quantities can be disposed with household waste.
 - **Uncleaned packagings:**
 - **Recommendation:** Disposal must be made according to official regulations.
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14 Transport information

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|---|
| · ADR/GGVSE: |
| · IMDG/GGVSee:
· EMS-Number: |
| · ICAO/ IATA: |

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- **Transport/Additional information:** Not dangerous according to the above specifications.
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* 15 Regulatory information

- **Designation according to EC guidelines:**
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
 - **National regulations**
 - **Water hazard class:** Generally not hazardous for water.
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16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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- **Department issuing data specification sheet:** Department TSS, Dr. Manfred Kaul
 - **Data compared to the previous version altered.**
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