



Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 05/25/2001

Reviewed on 08/07/2000

1 Identification of substance

- **Product details**
- **Trade name: RNase-free Water**
- **Manufacturer/Supplier:**
QIAGEN GmbH, Max-Volmer-Str. 4, 40724 Hilden, Germany
Tel.: (+49)-2103/29-0
- **Information department:**
QIAGEN Technical Service
QIAGEN Inc., 28159 Avenue Stanford, Valencia, CA 91355, USA
Tel.: 1-800-DNA-PREP (1-800-362-7737)
- **MSDS-No.:** SRNA/2

2 Composition/Data on components

- **Chemical characterization:**
- **CAS No. Description**
7732-18-5 water
- **Identification number(s)**
- **EINECS Number:** 231-791-2

3 Hazards identification

- **Hazard description:** Not applicable.
- **Information pertaining to particular dangers for man and environment:** Not applicable.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**
Health = 0
Fire = 0
Reactivity = 0
- **WHMIS-ratings (scale 0 - 4)**
Health = 0
Fire = 0
Reactivity = 0

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

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.

(Contd. on page 2)

USA



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(Contd. of page 1)

· **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

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 creation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:** Protective gloves
- **Eye protection:** Tightly sealed goggles

9 Physical and chemical properties

- **Form:** Fluid
- **Color:** Colorless
- **Odor:** Odorless
- **Change in condition**
 - **Melting point/Melting range:** 0°C (32°F)
 - **Boiling point/Boiling range:** 100°C (212°F)
- **Flash point:** Not applicable.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Vapor pressure at 20°C (68°F):** 23 hPa
- **Density at 20°C (68°F):** 1.0 g/cm³
- **Solubility in / Miscibility with Water:** Fully miscible.
- **pH-value at 20°C (68°F):** 7.0

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** Reacts with acids, alkalis and oxidizing agents.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

USA

(Contd. on page 3)



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(Contd. of page 2)

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects 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 substance is not subject to classification.

12 Ecological information

- **General notes:** Generally not hazardous for water

13 Disposal considerations

- **Product:**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Packaging can be reused or recycled after cleaning.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulations

- **Sara**
- **Section 355 (extremely hazardous substances):** _____
Substance is not listed.
- **Section 313 (Specific toxic chemical listings):** _____
Substance is not listed.
- **TSCA (Toxic Substances Control Act):** _____
Substance is listed.
- **Proposition 65**
- **Chemicals known to cause cancer:** _____
Substance is not listed.
- **Chemicals known to cause reproductive toxicity:** _____
Substance is not listed.
- **Product related hazard informations:**
The substance is not subject to classification according to the sources of literature known to us.
Observe the general safety regulations when handling chemicals.

(Contd. on page 4)

USA



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(Contd. of page 3)

- **National regulations:**
- **Water hazard class:** Generally not hazardous for water.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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