

**Water**

Version 1.2

Issuing date: 2016/09/28

Revision Date: 2016/05/19

**1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Water

**Manufacturer or supplier's details**Company : QIAGEN GmbH  
QIAGEN Str. 1  
D-40724 Hilden

Telephone : +49-02103-29-0

Responsible Department : 株式会社キアゲン  
〒104-0054 東京都中央区勝どき 3-13-1 Forefront Tower II  
Tel.: 03-6890-7320  
<http://support.qiagen.com>E-mail address : [cpc@qiagen.com](mailto:cpc@qiagen.com)

Responsible/issuing person

Emergency telephone number : CHEMTREC: +1 703-527-3887  
CHEMTREC: +(81)-345209637**Recommended use of the chemical and restrictions on use**

Recommended use : Laboratory chemicals

**2. HAZARDS IDENTIFICATION****GHS Classification**

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

**GHS Label element**

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

**Other hazards which do not result in classification**

Important symptoms and outlines of the emergency assumed : No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Substance

**Hazardous components**

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This product does not contain chemical(s) listed by Japanese regulations and/or classified at or above the cut-off value(s) according to GHS.

### 4. FIRST AID MEASURES

General advice	: Show this safety data sheet to the doctor in attendance.
If inhaled	: Not applicable
In case of skin contact	: Not applicable
In case of eye contact	: Not applicable
If swallowed	: Not applicable
Most important symptoms and effects, both acute and delayed	: No information available.
Notes to physician	: No information available.

### 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards during firefighting	: Exposure to decomposition products may be a hazard to health.
Hazardous combustion products	: No hazardous combustion products are known
Specific extinguishing methods	: In the event of fire and/or explosion do not breathe fumes.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefighting if necessary.

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
Methods and materials for containment and cleaning up	: Keep in suitable, closed containers for disposal.

### 7. HANDLING AND STORAGE

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**Handling**

- Advice on safe handling : For personal protection see section 8 of the SDS.  
Smoking, eating and drinking should be prohibited in the application area.
- Avoidance of contact : No data available
- Hygiene measures : Keep away from food and drink.  
When using do not eat, drink or smoke.

**Storage****8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Threshold limit value and permissible exposure limits for each component in the work environment**

Contains no substances with occupational exposure limit values.

**Personal protective equipment**

- Hand protection  
Remarks : The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
- Eye protection : Safety glasses
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
Footwear protecting against chemicals

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : liquid
- Colour : colourless
- Odour : odourless
- Odour Threshold : No data available
- pH : 6 - 8
- Melting point/range : 0 °C
- Boiling point/boiling range : 100 °C (1,013 hPa)
- Flash point : Not applicable

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Evaporation rate	: No data available
Burning rate	: No data available
Upper explosion limit	: Not applicable
Lower explosion limit	: Not applicable
Vapour pressure	: 23 hPa (20 °C)
Relative vapour density	: No data available
Relative density	: 1 (3.98 °C)
Density	: 1.00 g/cm <sup>3</sup>
Solubility(ies)	
Water solubility	: completely miscible
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: does not ignite
Thermal decomposition	: No data available
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: Not applicable
Oxidizing properties	: No data available
Molecular weight	: 18.02 g/mol

**10. STABILITY AND REACTIVITY**

Reactivity	: No decomposition if stored and applied as directed.
Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: Stable under recommended storage conditions. Hazardous decomposition products formed under fire conditions.
Conditions to avoid	: No data available
Incompatible materials	: No data available
Hazardous decomposition products	: No decomposition if stored and applied as directed.

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### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

**Product:**

Acute oral toxicity : No data available

Acute inhalation toxicity : No data available

Acute dermal toxicity : No data available

#### Skin corrosion/irritation

**Product:**

No data available

#### Serious eye damage/eye irritation

**Product:**

No data available

#### Respiratory or skin sensitisation

No data available

#### Germ cell mutagenicity

No data available

#### Carcinogenicity

No data available

#### Reproductive toxicity

No data available

#### STOT - single exposure

No data available

#### STOT - repeated exposure

No data available

#### Aspiration toxicity

No data available

#### Further information

No data available

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### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

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### Product:

Toxicity to fish : No data available

Toxicity to algae : No data available

Toxicity to bacteria : No data available

### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

#### Product:

Bioaccumulation : No data available

Partition coefficient: n-octanol/water : No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

No data available

### **Hazardous to the ozone layer**

Not applicable

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## 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

Waste from residues : If you discard the wastes, please discard them according to "Waste Management and Public Cleansing Act", "Water Pollution Control Law" and Lab's rule.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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## 14. TRANSPORT INFORMATION

### **UNRTDG**

Not regulated as a dangerous good

### **IATA-DGR**

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### IMDG-Code

Not regulated as a dangerous good

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

### National Regulations

Refer to section 15 for specific national regulation.

### Special precautions for user :

Remarks : Not classified as dangerous in the meaning of transport regulations.

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## 15. REGULATORY INFORMATION

### Related Regulations

#### Fire Service Law

Designated Flammable Substances, Flammable liquid, (2 cubic metre)

#### Chemical Substance Control Law

Not applicable for Specified Chemical Substance, Monitoring Chemical Substance and Priority Assessment Chemical Substance.

#### Industrial Safety and Health Law

Harmful Substances Prohibited from Manufacture

Not applicable

Harmful Substances Required Permission for Manufacture

Not applicable

Substances Prevented From Impairment of Health

Not applicable

Circular concerning Information on Chemicals having Mutagenicity - Annex 2: Information on Existing Chemicals having Mutagenicity

Not applicable

Circular concerning Information on Chemicals having Mutagenicity - Annex 1: Information on Notified Substances having Mutagenicity

Not applicable

Substances Subject to be Notified Names

Not applicable

Substances Subject to be Indicated Names

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Ordinance on Prevention of Hazards Due to Specified Chemical Substances  
Not applicableOrdinance on Prevention of Lead Poisoning  
Not applicableOrdinance on Prevention of Tetraalkyl Lead Poisoning  
Not applicableOrdinance on Prevention of Organic Solvent Poisoning  
Not applicableEnforcement Order of the Industrial Safety and Health Law - Attached table 1 (Dangerous Substances)  
Not applicable**Poisonous and Deleterious Substances Control Law**

Not applicable

**Act on Confirmation, etc. of Release Amounts of Specific Chemical Substances in the Environment and Promotion of Improvements to the Management Thereof**

Not applicable

**Explosive Control Law**

Not applicable

**Vessel Safety Law**

Not regulated as a dangerous good

**Aviation Law**

Not regulated as a dangerous good

**High Pressure Gas Safety Act**

Not applicable

**Waste Disposal and Public Cleansing Law**

Industrial waste

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**16. OTHER INFORMATION**

Date format : yyyy/mm/dd

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.