

GHS-0094E

# SAFETY DATA SHEET

PRODUCT NAME Pure Water

Data of issue 01/30/2012

Date of revision -

## 1 Identification of the substance or mixture and the supplier

Product name: Pure Water  
Name of supplier: Kyoto Electronics Manufacturing Co., Ltd.  
Address: 68 Ninodan-cho, Shinden, Kisshoin, Minami-ku, Kyoto, Japan  
Division: Quality Assurance Department  
Phone: +81-75-691-4121  
Fax: +81-75-691-4127  
Emergency phone No.: +81-75-691-4125  
MSDS No. GHS-0094E

## 2 Hazard identification

GHS hazard class and category

Classification not possible

Label elements

Pictogram -

Signal word -

Hazard statements -

## 3 Composition/Information on ingredients

Substance/Mixture: Substance

Chemical identity Pure Water  
(or common name):

Ingredient name	Composition (%)	Chemical formula	CAS No.
Pure Water	100	H <sub>2</sub> O	7732-18-5

Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance;

None

## 4 First-aid measures

General description of necessary first aid measures: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation: In case of accident by inhalation: remove casualty to fresh air and keep at rest.

If breathing is weak, irregular or has stopped, open his airway, loosen his collar and belt and administer artificial respiration.

Skin contact: Take off immediately all contaminated clothing.

Eye contact: Nothing particular.

Ingestion: Nothing particular.  
 Protections for first-aid persons: Protect yourself by wearing rubber gloves and air-tight safety goggles.

**5 Fire-fighting measures**

Extinguishing media: This product itself is non-combustible.  
 Incompatible extinguishing media: Nothing particular.  
 Specific hazards arising from the chemical (and with regard to fire-fighting measures): Toxic gases will form upon combustion of : Not available  
 Specific fire-fighting measures: Move containers from fire area if it can be done without risk, if not possible, apply water from a safe distance to cool and protect surrounding area.  
 Special protective equipment and precautions for fire-fighters: Fire-fighters should wear proper protective equipment.

**6 Accidental release measures**

Personal precautions, protective equipment and emergency procedures: Nothing particular.  
 Environmental precautions: Nothing particular.  
 Measures and materials for containment and clean up: Absorb spill with absorbent.  
 Appropriate containment techniques/clean up procedures: Shut off the leakage source and stop leak if you can do it without risk.

**7 Handling and storage**

Precautions for safe handling:  
 Countermeasure technique(s): (Exposure control for handling personnel) Wear proper equipment and take measures according to [8. Exposure control/personal protection].  
 Local exhaust ventilation system/general ventilation: Ventilation according to [8. Exposure control/personal protection].  
 Preventive measures: Nothing particular.  
 Incompatible contact(s): See [10. Stability and reactivity]  
 Safety measures/incompatibility: Do not shock, overturn, drop, or drag containers.

Conditions for safe storage, including any incompatibilities:

Countermeasure technique(s):	Tightly closed in a well-ventilated place.
Incompatibilities:	See [10. Stability and reactivity]
Storage:	(Recommendation for storage) Keep tightly closed in dark cool place. (incompatible storage condition) See [10. Stability and reactivity].
Recommendation on container and packaging materials:	Glass, polyethylene, polypropylene, etc.

## 8 Exposure controls/Personal protection

Appropriate engineering controls:	Keep source tightly closed or install local exhaust ventilation. Provide shower and vanity unit nearby and make clear the location of these.
Control value:	Japan control value (2005) Not established.
Adopted value:	[JSOH] Not established. [ACGIH] Not established.

Individual protection measures, such as personal protective equipment (PPE):

Eye/face protection:	Wear protective eyeglasses or chemical safety goggles. Wear face protection.
Hand protection:	Wear impervious glove made from chloroprene, as appropriate.
Skin and body protection:	To prevent any contact, wear impervious clothing such as apron, boots, or whole-body suits made from chloroprene, as appropriate.
Respiratory protector:	Nothing particular.

## 9 Physical and chemical properties

Appearance, color:	Colorless liquid
Odor:	None
pH:	Neutral
Melting point/ freezing point:	0C (101.3kPa)
Boiling point:	100C
Flash point:	(Non-flammable)
Auto-ignition temperature:	(Non-flammable)
Upper/lower flammability or explosive limits:	(Non-flammable)
Vapour pressure:	23hPa (20C)
Vapour density (Air = 1):	Not available
Specific gravity (Density):	0.998g/cm <sup>3</sup> (20C)

Solubility:	Solubility in water; Miscible Solubility in solvent; Possibly soluble in ethanol
Octanol/water partition coefficient (log Pow):	Not available
Decomposition temperature:	Not available
Viscosity:	Not available

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## 10 Stability and reactivity

Chemical stability:	This product is considered a stable material under normal and anticipated storage and handling conditions.
Possibility of hazardous reactions:	React with water-reactive substance.
Conditions to avoid:	Sunlight, heat, contact with incompatible materials.
Incompatible materials:	Water-reactive substance.
Hazardous decomposition products:	Not available (except for carbon monoxide, carbon dioxide and water)

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## 11 Toxicological information

(Insufficient data are available on the effect of this substance on human health, therefore utmost care must be taken.)

Acute toxicity:	
Oral:	rat      LD50 >90 mL/kg
Irritant properties:	Not available
Allergenic and sensitizing effects:	Not available
Chronic toxicity:	Not available
Carcinogenic effects:	Not available
Mutagenic effects:	Not available
Toxicity for reproduction:	Not available

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## 12 Ecological information

(Insufficient data are available on the effect of this substance on the environment, therefore utmost care must be taken.)

Ecotoxicity:	Not available
Persistence and degradability:	Not available
Bioaccumulative potential:	



Not available

Biotransportability:

Not available

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**13 Disposal considerations**

Contact a licensed professional waste disposal service to dispose of this material. Comply with all country, national and local regulations. Do not dump this product into sewers, on the ground or into any body of water.

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**14 Transport information**

Basic classification information for the transporting/shipment:

Sea; Not controlled under IMDG' s regulations.

Air; Not controlled under ICAO/IATA' s regulations.

Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises:

Protection from direct sun light in transportation, and confirm the container does not leak.

Carefully load it onto a transporter without dropping, overturning or damaging so that it will stably stays on the transporter.

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**15 Regulatory information**

Follow all laws and regulations in your country.

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**Disclaimer**

For R&D use only. Not for drug, household or other uses.

**Warranty**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.