

1. Identification of the substance and of the company

Product name	PCR Grade Water
Catalog Number	PGW-2, PGW-5
Supplier Information	Bento Bioworks Ltd 5 Hancock Road London, E3 3DA United Kingdom
Emergency telephone number (CHEMTREC)	Within the USA & Canada: 1-800-424-9300 Outside the USA & Canada: 1-703-741-5970

2. Hazards identification

Classification of the substance or mixture

According to Regulation (EC) No. 1272/2008 (EU-GHS/CLP)

The product contains no substances which are considered to be hazardous to health at their given concentration.

3. Composition / information on ingredients

Hazardous ingredients according to Regulation (EC) No 1272/2008

Not applicable.

4. First aid measures

If inhaled	Seek medical treatment in case of complaints.
If swallowed	No special measures required.
In case of skin contact	Generally the product does not irritate the skin.
In case of eye contact	Generally the product does not irritate the eyes.
Notes to physician	Treat symptomatically.

5. Firefighting measures

Extinguishing media	Use fire extinguishing methods suitable to surrounding conditions
Special hazards	No further relevant information available
Firefighting precautions	No special measures required.

6. Accidental release measures

Personal precautions	Not required.
Environmental precautions	No special measures required.

Methods for cleaning up	Soak up with inert absorbent material (sand, diatomite, acid binders, universal binders, sawdust).
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7. Handling and storage

Precautions for safe handling	No special precautions required.
Conditions for safe storage	No special storage required.
Specific end use(s)	For research and educational use only.

8. Exposure controls/personal protection

Personal protective equipment

Respiratory Protection	Not required.
Hand Protection	Not required.
Eye Protection	Not required.
Skin and Body Protection	Not required.
Hygiene Measures	Not required

9. Physical and chemical properties

Appearance	Colourless liquid
Odour	Not defined
pH value	Not determined
Boiling point	100 °C
Melting point	0 °C
Flash point	Not applicable
Autoignition	Not applicable
Explosion hazard	Product does not present an explosion hazard.
Vapour pressure	No information available
Relative density	1 g/cm ³ at 20 °C.
Water solubility	Fully miscible.
Other data	No other data

10. Stability and reactivity

Chemical stability	Stable under normal conditions.
Hazardous reactions	Hazardous reaction has not been reported.
Conditions to avoid	No further relevant information.
Incompatible materials	No further relevant information available.
Hazardous decomposition	No known hazardous decomposition products.

11. Toxicological information

Routes of Exposure

Acute toxicity	When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
Irritation and corrosion	No irritant effect.
Sensitisation	No sensitisation effects known.
Chronic exposure	No data available.
Exposure Symptoms	No data available.

Potential Health Effects

Inhalation	May be irritating to mucous membranes and upper respiratory tract.
Skin	No
Eyes	May cause eye irritation.
Ingestion	May be harmful if swallowed.

12. Ecological information

Ecotoxicity	No further relevant information available.
Degradability	No further relevant information available.
Accumulation	Product is not expected to bioaccumulate.
Mobility	No further relevant information available.
Further information	No information available.

13. Disposal considerations

Waste treatment methods	Observe all federal, state, and local environmental regulations.
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14. Transport information

ADR/RID/ICAO/IATA class	This substance is considered to be non-hazardous for transport.
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15. Regulatory information

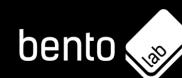
EU Guidelines	This product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials.
US Federal Regulations	This product is not subject to regulations under US Toxic Substances Control Act (TSCA), and SARA 302/313/311/312.

16. Other Information

PCR Grade Water

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



This information is based on available knowledge and shall be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution.

This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Bento Bioworks Ltd is not held liable for any damage resulting from handling or from contact with the above mentioned products.

References

ECHA	https://echa.europa.eu/
TOXNET	https://www.nlm.nih.gov/toxnet/index.html
eChemPortal	https://www.echemportal.org/