

Document Title: Deionised Water 100ml Safety Data Sheet
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Safety Data Sheet

Deionised Water 100ml

1. Product and Company Identification

Product identifier

Reagent Trade Name: Deionised Water 100ml
Product Code: CBB-F016014-C

Relevant identified uses of the product

For In Vitro Diagnostic.

Company name and information

Company name	:	Biolidics Ltd
Company address	:	81 Science Park Drive #02-03 The Chadwick, Singapore Science Park 1 Singapore 118257
Emergency Telephone Number	:	+65 6482 0668
Telephone Number for Information	:	+65 6482 0668

Prepared by: Biolidics Ltd
Tel: +65 6482 0668

2. Hazards Identification

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

Other hazards

Data not available.

3. Composition/Information on Ingredients

Chemical Identity: Water

Synonyms: H₂O

Molecular Formula: H₂O

Molecular Weight: 18.0 g/mol

CAS No.: 7732-18-5

EC No.: 231-791-2

4. First Aid Measures

Eye Contact

Flush eyes with water as a precaution.

Skin Contact

Immediately wash skin thoroughly with soap and copious amounts of water.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration or if breathing is difficult, give oxygen.

Ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Indication of immediate medical attention and special treatment needed

Data not available.

5. Fire Fighting Measures

Extinguishing Media

Use water spray, CO₂, dry chemical powder or alcohol-resistant foam.

Special hazards arising from the substance or mixture

Data not available.

Special Fire-fighting Procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Further information

Product itself does not burn.

6. Accidental Release Measures

Personal Precautions

Data not available.

Environmental precautions

Data not available.

Methods and materials for containment and cleaning up

Wipe up with absorbent material and dispose off as general waste.

7. Handling and Storage

Precautions Precautions for safe handling

No special handling methods required.

Conditions for safe storage, including any incompatibilities

No special storage condition required. for safe handling

8. Exposure Controls/Personal Protection

Occupational Exposure Limits

We are not aware of any national exposure limit.

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice.

Eye/ Face Protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin/ Hand Protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body protection

No special protective equipment required.

Respiratory Protection

No special protective equipment required.

9. Physical and Chemical Properties

- a) Appearance Colourless solution
- b) Odour Odourless
- c) Odour Threshold Not available
- d) pH (25 °C) 5.0 – 7.0
- e) Melting/freezing point 0 °C
- f) Initial boiling point and 100 °C boiling range
- g) Flash point Not applicable
- h) Evaporation rate Not available
- i) Flammability (solid, gas) Not available
- j) Upper/lower Not available flammability or explosive limits
- k) Vapour pressure (mm Hg) Not available
- l) Vapour density Not available
- m) Relative density 1.000 g/cm³
- n) Solubility (ies) Completely miscible
- o) Partition coefficient: Not available n-octanol/water
- p) Autoignition temperature Not available
- q) Decomposition temperature Not available
- r) Viscosity Not available

10. Stability and Reactivity

Reactivity

Data not available.

Chemical stability

Stable.

Possibility of hazardous reactions

Data not available.

Conditions to avoid

Data not available.

Incompatible material

Data not available.

Hazardous decomposition products

Data not available.

11. Toxicological Information

Acute toxicity

Data not available.

Skin corrosion/irritation

Data not available.

Serious eye damage/eye irritation

Data not available.

Respiratory or skin sensitization

Data not available.

Germ cell mutagenicity

Data not available.

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as

probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

Data not available.

Specific target organ toxicity – single exposure

Data not available.

Specific target organ toxicity – repeated exposure

Data not available.

Aspiration hazard

Data not available.

Likely routes of exposure

Absorbed through skin. Eye contact. Inhalation.

Symptoms related to physical, chemical and toxicological characteristics

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Delayed and immediate effects and also chronic effects from short and long term exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Numerical measures of toxicity

Data not available.

Interactive effects

Data not available.

Other information

RTECS: ZC0110000

12. Ecological Information

Toxicity

Data not available.

Persistence and degradability

Data not available.

Bioaccumulative potential

Data not available.

Mobility in soil

Data not available.

Other adverse effect

Data not available.

13. Disposal Considerations

Product

Product may be disposed off as general waste.

Contaminated packaging

Dispose off as unused product.

14. Transport Information

UN Number

ADR/RID: - IMDG: - IATA-DGR: -

UN Proper Shipping Name:

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA-DGR: Not dangerous goods

Transport Hazard Class(es)

ADR/RID: - IMDG: - IATA-DGR: -

Packing Group

ADR/RID: - IMDG: - IATA-DGR: -

Environmental Hazards

ADR/RID: no IMDG: marine pollutant: no IATA-DGR: no

Special Precaution for Users

Data not available

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Notification status

AICS: On the inventory, or in compliance with the inventory

DSL: All components of this product are on the Canadian DSL list.

ENCS: Not in compliance with the inventory – Water

IECSC: On the inventory, or in compliance with the inventory

ISHL: Not in compliance with the inventory – Water

KECI: On the inventory, or in compliance with the inventory

NZIoC: Not in compliance with the inventory – Water

PICCS: On the inventory, or in compliance with the inventory

16. Other Information

The information provided in this document is believed to be accurate based on current knowledge and is to be used only as a guide with regards to appropriate safety precautions. This cannot be used as a guarantee for product features/properties. Clearbridge BioMedics Pte Ltd is not held liable for any damage resulting from handling or from contact with the above product.