

**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	:	18 Howard Road Novelty BizCentre #11-09 Singapore 369585
Emergency Telephone Number	:	
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:** H<sub>2</sub>O

**Molecular Formula:** H<sub>2</sub>O

**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, CO<sub>2</sub>, 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/cm<sup>3</sup>
- 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.