

**Document Title:** Safety Data Sheet Cleaning Solution  
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## Safety Data Sheet

### Cleaning Solution, 100mL

#### 1. Product and Company Identification

##### Product identifier

Reagent Trade Name: Cleaning Solution, 100mL  
Product Code: CBB-F016012

##### Relevant identified uses of the product

For research use only.

##### 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

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#### 2. Hazards Identification

##### Classification of the mixture

Causes skin and serious eye irritation

#### 3. Composition/Information on Ingredients

Classification: Mixtures

Proprietary: No

##### Ingredients

Water: 98.2%

Sodium hypochlorite solution: 1%

Sodium hydroxide: 0.8%

#### 4. First Aid Measures

##### General information

This is expected to be a low hazard for regular research use. When seeking physician's advice, produce this SDS.

<b>Skin contact</b>	Remove affected clothing and wash all exposed skin area with mild soap and plenty of water followed by rinse in warm water. Obtain medical attention if skin irritation develops.
<b>Eye contact</b>	Immediately flush eyes with plenty of clean water at low pressure for at least 20 minutes as a precaution. Obtain medical attention if pain, blinking or redness persists.
<b>Inhalation</b>	Remove person from exposure to site of fresh air. If not breathing, perform artificial respiration. Consult a physician.
<b>Ingestion</b>	Obtain medical attention

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

#### 5. Fire Fighting Measures

<b>Suitable extinguishing media</b>	CO <sub>2</sub> , extinguishing powder, water spray or alcohol resistant foam
<b>Hazardous decomposition products</b>	No relevant data available
<b>Protective equipment</b>	No special equipment required

#### 6. Accidental Release Measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Ensure adequate ventilation
<b>Environmental precautions</b>	Do not let product enter drains
<b>Methods and material for containment and cleaning up</b>	Clean up spills immediately through the use of absorbent material then place into a suitable dry, clean and closed container reserved for the disposal of hazardous wastes.

#### 7. Handling and Storage

<b>Handling</b>	Wash hands thoroughly after handling. Avoid contact with eyes, skin and avoid ingestion and inhalation. Ensure good ventilation.
<b>Storage</b>	Store at 2-8°C, in a tightly sealed container and away from oxidising agents.

8. Exposure Controls/Personal Protection

<b>Ventilation</b>	Not required
<b>Respiratory protection</b>	Not required
<b>Eye protection</b>	Safety glasses must be worn.
<b>Skin protection</b>	Gloves must be worn and must be impermeable and resistant to the product.
<b>Other protective clothing or equipment</b>	Lab coats are advised to be worn at all times when handling the mixture
<b>Work hygiene practices</b>	Always wash hands thoroughly after dealing with mixture, even if gloves were worn when handling it

9. Physical and Chemical Properties

- a) Appearance: Clear liquid
- b) Odour: No relevant data available
- c) Physical state: Liquid at room temperature
- d) pH: No relevant data available
- e) Density: No relevant data available
- f) Dynamic Viscosity: No relevant data available
- g) Boiling point: No relevant data available
- h) Melting point: No relevant data available
- i) Freezing point: No relevant data available
- j) Vapor pressure: No relevant data available
- k) Vapor density: No relevant data available
- l) Specific gravity: No relevant data available
- m) Evaporation rate: No relevant data available
- n) Partition coefficient: No relevant data available
- o) Odour threshold: No relevant data available
- p) Solubility in water: Soluble

10. Stability and Reactivity

<b>Reactivity</b>	No relevant data available
<b>Chemical stability</b>	No relevant data available
<b>Conditions to avoid</b>	No relevant data available
<b>Incompatibility with other materials</b>	Strong oxidizing agents
<b>Hazardous decomposition products</b>	No relevant data available

11. Toxicological Information

Effects of short-term exposure: No relevant data available  
 Effects of long-term exposure: No relevant data available  
 Sensitization: No relevant data available  
 Carcinogenicity: 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: No relevant data available  
 Teratogenicity: No relevant data available  
 Mutagenicity: No relevant data available  
 Inhalation: May be harmful if inhaled. May cause respiratory tract irritation  
 Ingestion: May be harmful if swallowed  
 Skin: May be harmful if absorbed through skin. May cause skin irritation  
 Eyes: May cause eye irritation

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

12. Ecological Information

<b>Toxicity</b>	No relevant data available
<b>Persistence and degradability</b>	No relevant data available
<b>Bioaccumulative potential</b>	No relevant data available
<b>Mobility in soil</b>	No relevant data available
<b>Results of PBT and vPvB assessment</b>	No relevant data available
<b>Other adverse effects</b>	No relevant data available

13. Disposal Considerations

Waste treatment methods

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company

**Contaminated packaging**

Dispose of as unused product

14. Transport Information

<b>UN Number</b>	Void
<b>UN proper shipping name</b>	Void
<b>Transport hazard class(es)</b>	Void
<b>Packaging group</b>	Void
<b>Environmental hazards</b>	Water hazard class 2: hazardous for water
<b>Special precautions for use</b>	No relevant data available

15. Regulatory Information

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

<b>Section 355 (extremely hazardous substances):</b>
None of the ingredients is listed

<b>Section 313 (Specific toxic chemical listings):</b>
None of the ingredients is listed

<b>TSCA (Toxic Substances Control Act):</b>
All ingredients are listed

**Proposition 65**

<b>Chemicals known to cause cancer:</b>
None of the ingredients is listed
<b>Chemicals known to cause reproductive toxicity for females:</b>
None of the ingredients is listed
<b>Chemicals known to cause reproductive toxicity for males:</b>
None of the ingredients is listed
<b>Chemicals known to cause developmental toxicity:</b>
None of the ingredients is listed

**Carcinogenic categories**

<b>EPA (Environmental Protection Agency)</b>
None of the ingredients is listed
<b>TLV (Threshold Limit Value established by ACGIH)</b>
None of the ingredients is listed
<b>NIOSH-Ca (National institute for Occupational Safety and Health)</b>
None of the ingredients is listed
<b>OSHA-Ca (Occupational Safety and Health Administration)</b>
None of the ingredients is listed

**Product related hazard information**

Observe the general safety requirements when handling chemicals.

This product is not subject to identification regulations according to directives on hazardous materials.

**Chemical safety assessment**

A Chemical Safety Assessment has not been carried out.



## 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. Biolidics Ltd is not held liable for any damage resulting from handling or from contact with the above product.