

Document Title: Cleaning Solution 100ml Safety Data Sheet
Document Number: PD-SOP-06-09
SDS Version Number: 4
Last Edited: 2 August 2024

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	:	18 Howard Road Novelty BizCentre #11-09 Singapore 369585
Emergency Telephone Number	:	
Telephone Number for Information	:	+65 6482 0668

Prepared by: Biolidics Ltd
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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.

Skin contact	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.
Eye contact	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.
Inhalation	Remove person from exposure to site of fresh air. If not breathing, perform artificial respiration. Consult a physician.
Ingestion	Obtain medical attention

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

5. Fire Fighting Measures

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

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation
Environmental precautions	Do not let product enter drains
Methods and material for containment and cleaning up	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

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

8. Exposure Controls/Personal Protection

Ventilation	Not required
Respiratory protection	Not required
Eye protection	Safety glasses must be worn.
Skin protection	Gloves must be worn and must be impermeable and resistant to the product.
Other protective clothing or equipment	Lab coats are advised to be worn at all times when handling the mixture
Work hygiene practices	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

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

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

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

15. Regulatory Information

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

Section 355 (extremely hazardous substances):
None of the ingredients is listed

Section 313 (Specific toxic chemical listings):
None of the ingredients is listed

TSCA (Toxic Substances Control Act):
All ingredients are listed

Proposition 65

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

Carcinogenic categories

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