

Document Title: ClearCell® FX Resuspension Buffer Safety Data Sheet
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Safety Data Sheet

ClearCell® FX Resuspension Buffer

1. Product and Company Identification

Product identifier

Reagent Trade Name: ClearCell® FX Resuspension Buffer
 Product Code: CBB-F016003

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

This mixture is not classified according to the Globally Harmonized System (GHS)

3. Composition/Information on Ingredients

Classification: Mixtures
 Proprietary: Yes
 Ingredients: Non-Hazardous

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 water followed by rinse in warm water.
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

Ingestion	Do not induce vomiting. If person is conscious, rinse mouth with plenty of water and drink 2-4 cups of water. Consult a physician if irritation develops
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5. Fire Fighting Measures

Flammable	No
Suitable extinguishing media	CO ₂ , extinguishing powder, water spray or alcohol resistant foam
Hazardous decomposition products	Nature of decomposition products not known
Protective equipment	No special equipment required

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Not required
Environmental precautions	No special measures required
Methods and material for containment and cleaning up	Clean up spills immediately through the use of absorbant material then place into a suitable dry, clean and closed container for disposal.

7. Handling and Storage

Handling	Wash hands thoroughly after handling. Avoid contact with eyes, skin and avoid ingestion and inhalation.
Storage	Keep container tightly closed. Store at ambient temperature. Protect from exposure to light.

8. Exposure Controls/Personal Protection

Ventilation	Not required
Respiratory protection	Not required
Eye protection	Not required
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 hygienic 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: None
- c) Physical state: Liquid at room temperature
- d) pH: 6.0 – 8.0
- e) Density: 1.030 ± 0.05 kg/L
- f) Dynamic Viscosity: 1.33 – 1.7 cP
- 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: No relevant data available

10. Stability and Reactivity

Reactivity	No relevant data available
Chemical stability	No relevant data available
Conditions to avoid	Do not store the product in the refrigerator
Incompatibility with other materials	Strong oxidizing agents
Hazardous decomposition products	No dangerous decomposition products known

11. Toxicological Information

Effects of short-term exposure: No relevant data available

Effects of long

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

Smaller quantities can be disposed of with household waste

Contaminated packaging

Dispose of according to official regulations

14. Transport Information

UN Number	Void
UN proper shipping name	Void
Transport hazard class(es)	Void
Packaging group	Void
Environmental hazards	No
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 above information 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.