

**Document Title:** Diluent Additive 20ml Safety Data Sheet  
**Document Number:** PD-SOP-06-07  
**SDS Version Number:** 4  
**Last Edited:** 2 August 2024

---

## Safety Data Sheet

### Diluent Additive 20ml

#### 1. Product and Company Identification

##### Product identifier

Reagent Trade Name: Diluent Additive 20ml  
Product Code: CBB-F016009

##### 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  
Tel: +65 6482 0668

#### 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: No  
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.

<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.
<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>	Do not induce vomiting. If person is conscious, rinse mouth with plenty of water. Consult a physician if irritation develops
------------------	--

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>	Carbon oxides
<b>Protective equipment</b>	Wear self-containing breathing apparatus for firefighting if necessary

## 6. Accidental Release Measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Use personal protective equipment. Avoid breathing vapours, mist or gas. 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.
<b>Storage</b>	Keep container tightly closed and in a ventilated place. Store in a cool, dry place and protect from exposure to light.

## 8. Exposure Controls/Personal Protection

<b>Ventilation</b>	Use a full face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole mean of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)
<b>Respiratory protection</b>	Not required
<b>Eye protection</b>	Safety glasses with side shields that conform to EN 166.
<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: No relevant data available

#### 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>	Carbon oxides

#### 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>	No
<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.