



## Safety Data Sheet

### Positive Control Protein Buffer

Revised: September 2, 2021

#### Section 1: Identification:

**Product Name:** Positive Control Protein Buffer

**Use Restrictions:** For *in vitro* use only. Not for diagnostic or therapeutic use. This is not a medical device.

**Contact:** Glycopath Inc.  
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Charleston, SC 29413  
[www.glycopath.com](http://www.glycopath.com)  
+1 540-229-6207

**Storage Instructions:** Store at room temperature

**Precautions:** Do not ingest. This product is for instrument and protocol optimization only, not for diagnostic or therapeutic use. This product is not a medical device

**Usage:** For reconstitution of Positive Control Protein.



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#### Section 2: Hazard(s) Identification:

**GHS Symbol:** None.

**GHS Signal Word:** None.

**GHS Hazard Phrases:** Not a hazardous substance.

**GHS Precaution Phrases:** None.

**GHS Response Phrases:** None.

**Adverse Human Health Effects and Symptoms:** Possibility of allergic response arising from prolonged and/or repeated exposure in sensitive individuals.

#### Section 3: Composition/Information on Ingredients:

This product contains no substances which at their given concentration are hazardous to health.



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#### Section 4: First Aid Measures:

**First Aid Measures:**

**Inhalation:** Remove person to fresh air. If inflammation occurs seek medical attention.

**Skin Contact:** Basic hygiene should prevent any problems. If contact with this product leads to reddening, inflammation, or irritation, flush exposed area with running water and get medical attention

**Eye Contact:** If this product enters the eyes, flush the eyes with gently running water for at least 15 minutes. If inflammation occurs, seek medical attention.

**Ingestion:** Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. If fever or adverse effects are experienced, seek medical attention.

#### Section 5: Fire Fighting Measures:

**Fire-Fighting Measures:**

**Suitable extinguishing Media:** Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing Media:** None are known.

**Condition of Flammability:** Not flammable or combustible

**Specific Hazards in Case of Fire:** None are known



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#### Section 6: Accidental Release Measures:

<b>Personal Precautions</b>	Use personal protective equipment as required.
<b>Environmental Precautions:</b>	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
<b>Methods and Materials for Containment and Cleaning Up:</b>	Collect spillage.

#### Section 7: Handling and Storage:

<b>Handling Precautions:</b>	Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Wash hands thoroughly after handling.
<b>Storage Precautions:</b>	Store at room temperature.

#### Section 8: Exposure Controls/Personal Protection:

<b>Control Parameters:</b>	This product or any of its ingredients have no listed OSHA PEL, NIOSH REL, or ACGIH Threshold Limit Values (TLV).
<b>Appropriate Engineering Controls:</b>	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.



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#### Section 8: Exposure Controls/Personal Protection (continued):

<b>Personal Protective Equipment:</b>	<p><b>Eye Protection:</b> Safety glasses</p> <p><b>Protective Gloves:</b> Compatible chemical-resistant gloves</p> <p><b>Other Protective Clothing:</b> Lab Coat</p> <p><b>Respiratory Equipment:</b> NIOSH approved respirator if a risk assessment indicates it is necessary</p>
<b>Work/ Hygienic/ Maintenance Practices:</b>	Do not take internally. Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower. Wash thoroughly after handling.

#### Section 9: Physical and Chemical Properties:

**Appearance:** Colorless liquid

**Odor and Odor Threshold:** Odorless. No odor threshold available.

**pH:** No data.

**Melting Point/ Freezing Point:** No data.

**Initial Boiling Point and Boiling Range:** No data.

**Flash Point:** No data.

**Evaporation Rate:** No data.

**Flammability:** No data.

**Vapor Pressure:** No data.

**Solubility:** No data.



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#### Section 9: Physical and Chemical Properties (Continued):

**Vapor Density:** No data.

**Relative Density:** No data.

**Partition Coefficient: n-Octanol/water** No data.

**Auto-ignition Temperature:** No data.

**Decomposition Temperature:** No data.

**Viscosity:** No data.

#### Section 10: Stability and Reactivity:

**Reactivity:** Not combustible.

**Chemical Stability:** This product is chemically stable.

**Possibility of Hazardous Reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to Avoid:** No specific data.

**Incompatible Materials:** No specific data.

**Hazardous Decomposition or Byproducts:** Under normal conditions of storage and use, hazardous decomposition products will not be produced.

Questions? Contact [sales@glycopath.com](mailto:sales@glycopath.com)

[www.glycopath.com](http://www.glycopath.com)



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#### Section 11: Toxicological Information:

**Acute Toxicity:** Not classified.

**Skin Corrosion/  
Irritation:** Not available

**Serious Eye  
Damage/ Irritation:** Not available.

**Respiratory or  
Skin Irritation:** Not available.

**Germ Cell  
Mutagenicity:** No data available.

**Carcinogenicity:** Not available.

**Reproductive  
Toxicity:** Not available.

**STOT – Single  
Exposure:** No data available.

**STOT – Repeated  
Exposure:** No data available.

**Aspiration Hazard:** No data available.

**Information on  
Likely Routes of  
Exposure:** Routes of entry anticipated: oral, dermal, and inhalation



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#### Section 11: Toxicological Information (Continued):

**Potential Acute Health Effects:** **Inhalation:** No known significant effects or critical hazards  
**Ingestion:** No known significant effects or critical hazards.  
**Skin Contact:** No known significant effects or critical hazards.  
**Eye Contact:** No known significant effects or critical hazards.

**Symptoms Related to the Physical, Chemical and Toxicological Characteristics:** No specific data.

**Delayed, Intermediate and Chronic Effects from Short- and Long-Term Exposure:** Not available.

**Potential Chronic Health Effects:** Not available.

#### Section 12: Ecological Information:

**Toxicity:** No data available.

**Persistence and Degradability:** No data available.

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** No data available.

**Results of PBT and vPvB assessment:** Not applicable.

**Other Adverse Effects:** No data available.

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#### **Section 13: Disposal Considerations:**

Waste Disposal Method: No special requirements. Dispose of according to local, state and federal regulations.

#### **Section 14: Transportation Information:**

**Land Transport (US DOT):** Not applicable.

**Land Transport (European ADR/RID):** Not applicable.

**Air Transport (ICAO/IATA):** Not applicable.

**Additional Transport Information:** Transport in accordance with local, state and federal regulations.

#### **Section 15: Regulatory Information:**

National Regulations: No restrictions

#### **Section 16: Other Information:**

The above information is supplied in good faith and is believed to be correct. It does not claim to be all inclusive and is intended to be used only as a guide. Final determination of the suitability of any material is the sole responsibility of the user. GlycoPath Inc. shall not be held responsible for any damage resulting from handling or contact with the above product. This product is intended for in vitro research only.