

SAFETY DATA SHEET

Version 1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING	
1.1 Product Identifier	
Product Name	PtX™ Recombinant Protein A
Product Code	CBT_P0001

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against	
Recommended use	Research use only: ELISA
Uses advised against	Diagnostic and Therapeutic

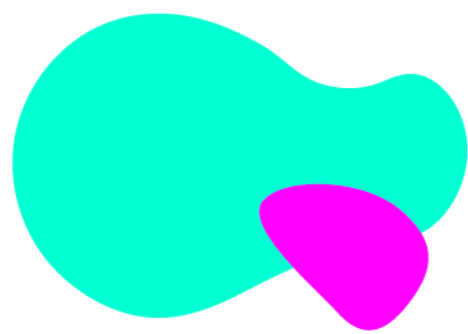
1.3 Details of the supplier of the safety data sheet	
Supplier address	Cape Biologix Technologies South Africa Unit 2, The Powder Mill, 5 Sunrise Circle, Ndabeni 7405
Company website	www.capebiologix.com
Company contact	Email Us sales@capebiologix.com Phone Number (+27) 21 286-2835

1.4 Emergency Telephone Number
South Africa: 0810219075

2. HAZARDS IDENTIFICATION
2.1 Classification of the substance or mixture
GHS / CLP - GHS - Classification Recombinant Protein A, made in plants. Ozone: Not applicable Reduce direct handling to a minimum and wear appropriate protective clothing.
2.2 Label Elements
Not dangerous

Cape Biologix Technologies (Pty) Ltd.
Address: Unit 3, The Powder Mill, 5 Sunrise Circle,
Ndabeni, Cape Town, South Africa, 7405

Director: Belinda Shaw
Company Registration: 2020/185821/07
VAT number: 4170291449
Contact: sales@capebiologix.com +27 (0)21 286 2835
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Precautionary Statements - EU (§28, 1272/2008)	P280 - Wear protective gloves/ protective clothing
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2.3 Other information
No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
This product does not contain any known hazard ingredient.

4. FIRST AID MEASURES

4.1 Description of the first aid measures

Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
Skin contact	Wash off immediately with soap and plenty of water.
Ingestion	Clean mouth with water. Drink plenty of water.
Inhalation	Move to fresh air.

4.2 Most important symptoms and effects, both acute and delayed

Main symptoms	See section 2.2.
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4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	Treat symptomatically.
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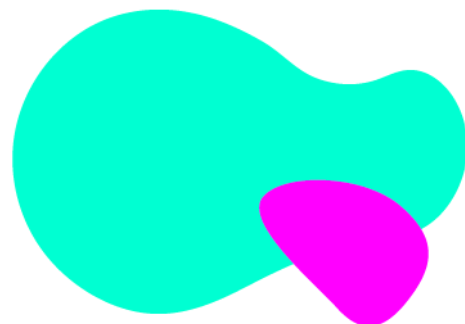
5. FIRE-FIGHTING MEASURES

5.1 Existing media

Flash Point: N/A Auto Ignition Temp: N/A Flammability: N/A <i>Suitable extinguishing media</i> Suitable: Noncombustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. <i>Extinguishing media which shall not be used for safety reasons</i> No information available.

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5.2 Special hazards arising from the substance or mixture	
Special hazard	None in particular

5.3 Advice for firefighters	
Special protective equipment for fire-fighters: As in any fire, wear self-contained breathing apparatus and full protective gear.	

6. ACCIDENTAL RELEASE MEASURES	
6.1 Personal precautions, protective equipment, and emergency procedures	
Ensure adequate ventilation	
See Section 12 for additional information.	

6.2 Environmental precautions	
Prevent further leakage or spillage if safe to do so.	

6.3 Methods and materials for containment and cleaning up	
Soak up with inert absorbent material.	

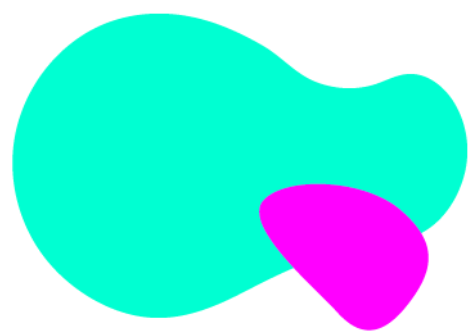
7. HANDLING AND STORAGE	
Storage	Short term (up to one week): 2 – 8 °C Long term: Aliquot and store at – 20 °C Store immediately. Aliquot and avoid multiple freeze thaw cycles
Storage Buffer	Phosphate Buffered saline (0.1 M), pH 7.4
Handling	Do not ingest. Wash hands thoroughly after handling.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION	
Personal Protective Equipment	Lab coat and protective gloves

9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical state	Liquid
Odour	Little to none
Solubility in water	Miscible in all proportions
Appearance	Clear to light yellow
Safety data	

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pH Melting point Boiling point Flash point Ignition temperature	No data available
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10. STABILITY AND REACTIVITY

Chemical stability	No data available
Reactivity	
Hazardous reactions	
Avoid contact conditions	
Incompatible materials	
Hazardous decomposition products	

11. TOXICOLOGICAL INFORMATION

Inhalation	No data available
Ingestion	
Skin	
Eyes	
Corrosivity	
Sensitization	
Neurological effects	
Reproductive toxicity	
Mutagenic effects	
Target Organ Effects	

12. ECOLOGICAL INFORMATION

Ecotoxicity effects	Expired product or empty container should be disposed of in suitable Biological Hazard waste as per 13. Disposal Considerations
Persistence and degradability	No data available
Bio-accumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available
Other adverse effects	No data available

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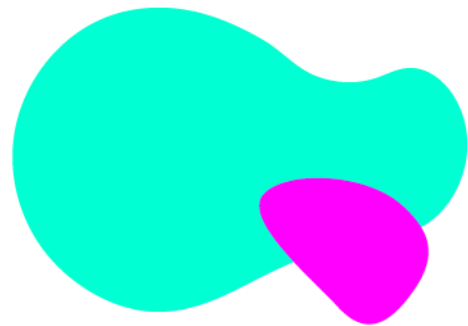
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13. DISPOSAL CONSIDERATIONS	
Waste product	Dispose of in a regulated landfill site or other methods for hazardous or toxic wastes in accordance with national, regional, or local legislation.
Contaminated	
Packaging	

14. TRANSPORTATION INFORMATION	
IATA/ADR/DOT-US/IMDG	Not regulated in the meaning of transport regulations

15. REGULATORY INFORMATION	
15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture	No data available
15.2 Chemical safety assessment	No data available

SECTION 16 – OTHER INFORMATION	
Revision Date: 27.09.2022	
Version: 1	
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END OF SDS

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