

## SAFETY DATA SHEET

Version 1

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

<b>1.1 Product Identifier</b>	
<b>Product Name</b>	PtX™ Human Anti-SARS-CoV-2 Spike RBD (CR3022) Recombinant Antibody
<b>Product Code</b>	CBT_A0006

<b>1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against</b>	
<b>Recommended use</b>	Research use only: Western blot and ELISA
<b>Uses advised against</b>	Diagnostic and Therapeutic

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

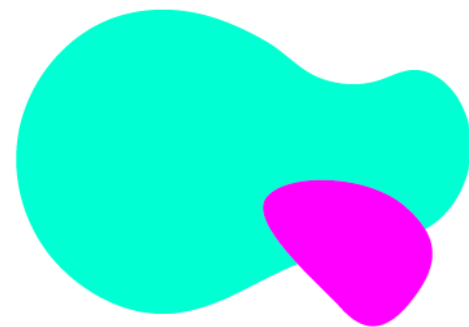
<b>1.4 Emergency Telephone Number</b>	
South Africa: 0810219075	

### 2. HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
GHS / CLP - GHS - Classification Antibody against Receptor Binding Domain of SAR-CoV-2 Spike protein (subunit 1), made in plants. Ozone: Not applicable Reduce direct handling to a minimum and wear appropriate protective clothing.	

**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](mailto:sales@capebiologix.com) +27 (0)21 286 2835  
[www.capebiologix.com](http://www.capebiologix.com)



<b>2.2 Label Elements</b>	
Not dangerous	
<b>Precautionary Statements - EU (§28, 1272/2008)</b>	P280 - Wear protective gloves/ protective clothing

<b>2.3 Other information</b>
No information available

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>
<b>3.1 Substances</b>
This product does not contain any known hazard ingredient.

<b>4. FIRST AID MEASURES</b>	
<b>4.1 Description of the first aid measures</b>	
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water.
<b>Ingestion</b>	Clean mouth with water. Drink plenty of water.
<b>Inhalation</b>	Move to fresh air.

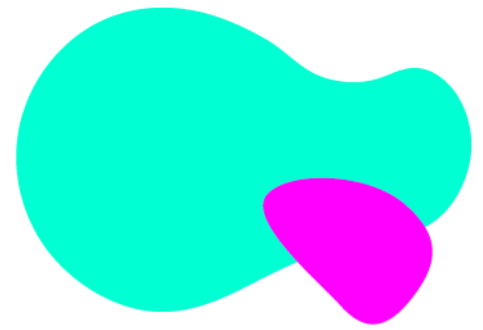
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	
<b>Main symptoms</b>	See section 2.2.

<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
<b>Notes to physician</b>	Treat symptomatically.

<b>5. FIRE-FIGHTING MEASURES</b>	
<b>5.1 Existing media</b>	
Flash Point: N/A	
Auto Ignition Temp: N/A	
Flammability: N/A	
<b>Suitable extinguishing media</b>	
Suitable: Noncombustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.	
<b>Extinguishing media which shall not be used for safety reasons</b>	

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No information available.

#### 5.2 Special hazards arising from the substance or mixture

Special hazard	None in particular
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#### 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

<b>Storage</b>	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
<b>Storage Buffer</b>	Phosphate Buffered saline (0.1 M), pH 7.4
<b>Handling</b>	Do not ingest. Wash hands thoroughly after handling.

### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>Personal Protective Equipment</b>	Lab coat and protective gloves
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### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid
<b>Odour</b>	Little to none
<b>Solubility in water</b>	Miscible in all proportions
<b>Appearance</b>	Clear to light yellow

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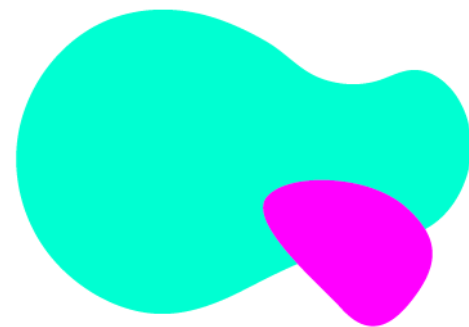
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Safety data	
pH	No data available
Melting point	
Boiling point	
Flash point	
Ignition temperature	

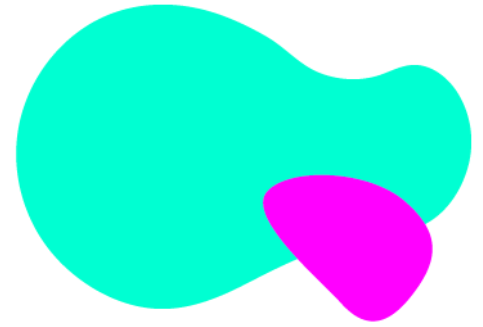
10. STABILITY AND REACTIVITY	
Chemical stability	No data available
Reactivity	
Hazardous reactions	
Avoid contact conditions	
Incompatible materials	
Hazardous decomposition products	

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

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<b>Other adverse effects</b>	No data available
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<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>Waste product</b>	Dispose of in a regulated landfill site or other methods for hazardous or toxic wastes in accordance with national, regional, or local legislation.
<b>Contaminated Packaging</b>	

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

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

<b>SECTION 16 – OTHER INFORMATION</b>	
Revision Date: 27.09.2022	
Version: 1	
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