

SAFETY DATA SHEET

Version 1

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

| 1.1 Product Identifier | |
|------------------------|--|
| Product Name | PtX™ Alpaca Anti-SARS-CoV-2 Spike Protein S1 (Sb23) Recombinant Antibody |
| Product Code | CBT_A0005 |

| 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against | |
|---|---|
| Recommended use | Research use only: Western blot and 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 Antibody against S1 subunit of SARS-CoV-2 Spike protein, made in plants. Ozone: Not applicable Reduce direct handling to a minimum and wear appropriate protective clothing. | |

2.2 Label Elements

Cape Biologix Technologies (Pty) Ltd.

Address: Unit 3, The Powder Mill, 5 Sunrise Circle,
Ndabeni, Cape Town, South Africa, 7405

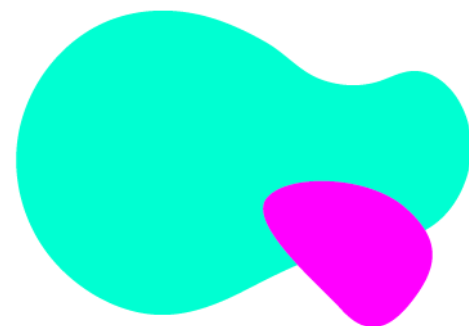
Director: Belinda Shaw

Company Registration: 2020/185821/07

VAT number: 4170291449

Contact: sales@capebiologix.com +27 (0)21 286 2835

www.capebiologix.com



| | |
|---|--|
| Not dangerous | |
| Precautionary Statements - EU (§28, 1272/2008) | P280 - Wear protective gloves/ protective clothing |

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| 2.3 Other information |
| No information available |

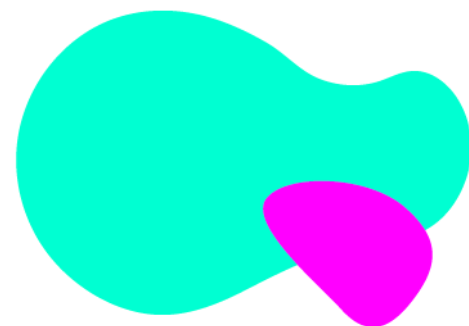
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| 3. COMPOSITION/INFORMATION ON INGREDIENTS |
| 3.1 Substances |
| This product does not contain any known hazard ingredient. |

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| 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. |

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| 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 |
| Suitable extinguishing media |
| Suitable: Noncombustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |



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| Extinguishing media which shall not be used for safety reasons No information available. |
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| 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. |

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

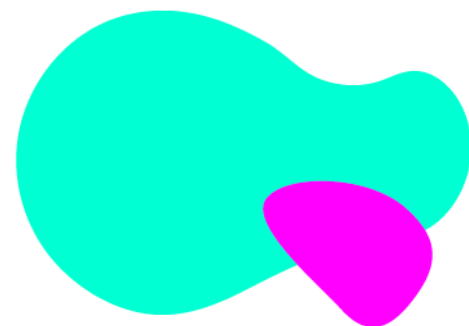
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| 6.2 Environmental precautions |
| Prevent further leakage or spillage if safe to do so. |

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

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| 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. |

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

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| 9. PHYSICAL AND CHEMICAL PROPERTIES | |
| Physical state | Liquid |
| Odour | Little to none |
| Solubility in water | Miscible in all proportions |



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|-----------------------------|-----------------------|
| Appearance | Clear to light yellow |
| Safety data | |
| pH | No data available |
| Melting point | |
| Boiling point | |
| Flash point | |
| Ignition temperature | |

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

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| 11. TOXICOLOGICAL INFORMATION | |
| Inhalation | No data available |
| Ingestion | |
| Skin | |
| Eyes | |
| Corrosivity | |
| Sensitization | |
| Neurological effects | |
| Reproductive toxicity | |
| Mutagenic effects | |
| Target Organ Effects | |

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| 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 |

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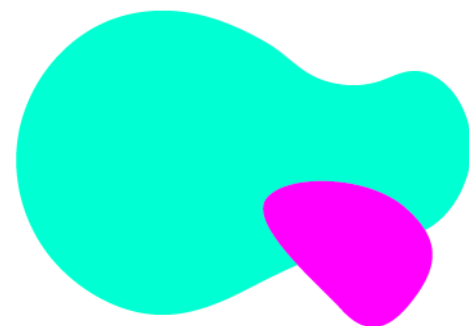
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|---|-------------------|
| Results of PBT and vPvB assessment | No data available |
| Other adverse effects | No data available |

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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 | |

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

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| 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 |

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| SECTION 16 – OTHER INFORMATION | |
| Revision Date: 27.09.2022 Version: 1 | |
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