

SAFETY DATA SHEET

V2

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| 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING | |
| 1.1 Product Identifier | |
| Product Name | PtX™ Protein A Recombinant Protein |
| Product Code | CBT_P0001 |
| 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against | |
| Recommended use | Research use only: Western blot & 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: 0603757433 | |
| 2. HAZARDS IDENTIFICATION | |
| 2.1 Classification of the substance or mixture | |
| GHS / CLP - GHS - Classification Recombinant Protein A Protein, made in plants. Ozone: Not applicable Reduce direct handling to a minimum and wear appropriate protective clothing. | |
| 2.2 Label Elements | |
| 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. |
| 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 |

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| 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 |
| 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 | |

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| Corrosivity | |
| Sensitization | |
| Neurological effects | |
| Reproductive toxicity | |
| Mutagenic effects | |
| Target Organ Effects | |

| 12. ECOLOGICAL INFORMATION | |
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| 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 |

| 13. DISPOSAL CONSIDERATIONS | |
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| 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 | |
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| IATA/ADR/DOT-US/IMDG | Not regulated in the meaning of transport regulations |

| 15. REGULATORY INFORMATION | |
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| 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 | |
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| Revision Date: 06.12.2023 | |
| Version: 2 | |
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