

SAFETY DATA SHEET

V2

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

1.1 Product Identifier

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| Product Name | PtX™ Human Anti-CD47 (B6H12) Recombinant Antibody |
| Product Code | CBT_A0016 |

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

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|-----------------------------|----------------------------|
| 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: 0603757433

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS / CLP - GHS - Classification

Antibody against CD47 (IAP), made in plants.

Ozone: Not applicable

Reduce direct handling to a minimum and wear appropriate protective clothing.

2.2 Label Elements

Not dangerous

| | |
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| Precautionary Statements - EU (§28, 1272/2008) | P280 - Wear protective gloves/ protective clothing |
|---|---|

2.3 Other information

Cape Biologix Technologies

T+27 (0) 21 268 2835 W www.capebiologix.com

Unit 2, The Powder Mill, 5 Sunrise Circle, Ndabeni, Cape Town, South Africa 7405

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| No information available |
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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

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| 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

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| 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

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

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| 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.

5.2 Special hazards arising from the substance or mixture

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| 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

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| Ensure adequate ventilation |
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| See Section 12 for additional information. |
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| 6.2 Environmental precautions |
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| Prevent further leakage or spillage if safe to do so. |
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| 6.3 Methods and materials for containment and cleaning up |
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| Soak up with inert absorbent material. |
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| 7. HANDLING AND STORAGE |
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| 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 |
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| Personal Protective Equipment | Lab coat and protective gloves |
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| 9. PHYSICAL AND CHEMICAL PROPERTIES |
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| Physical state | Liquid |
| Odour | Little to none |
| Solubility in water | Miscible in all proportions |
| Appearance | Clear |
| Safety data | |
| pH Melting point Boiling point Flash point Ignition temperature | No data available |

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

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| 11. TOXICOLOGICAL INFORMATION |
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| Inhalation | No data available |
| Ingestion | |
| Skin | |
| Eyes | |
| Corrosivity | |

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| 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 |
| 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: 06.12.2023 | |
| Version: 2 | |
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