

SAFETY DATA SHEET (SDS)

1. Product Identification:

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| Product Name: | NATtrol Human Hepatitis B Virus (HBV) |
| Catalog Number: | NATHBV-0001, NATHBV-0002, NATHBV-0003, NATHBV-0006 |
| Product ID Number (CAS #): | Not Applicable. |
| Intended use of the product: | For research or further manufacturing only. Not for use in diagnostic procedures. |
| Manufacturer: | ZeptoMetrix LLC 878 Main Street |
| Address: | Buffalo, New York 14202 United States of America |
| Telephone: | (716) 882-0920 or 1 (800) 274-5487 (US Toll Free) |

2. Hazard(s) Identification:

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| Classification: | This product is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). |
| Hazard Pictograms | None. |
| Signal word: | None. |
| Hazard statements: | None. |
| Precautionary statement: | None. |
| Other hazards: | May present unknown hazards and should be handled as if capable of transmitting infectious agents. |
| Unknown acute toxicity: | Use universal precautions. No unknown acute toxicity. |

3. Composition/Information on Ingredients:

| <u>Component Name</u> | <u>CAS Number</u> | <u>Concentration</u> | <u>Classification</u> |
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| Trade Secret – Undisclosed Identity | Not Applicable | Not Applicable | Not Applicable |

4. First Aid/Emergency Measures:

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| <u>Description of first aid measures</u> | |
| First-aid measures general: | If you feel unwell, seek medical advice. |
| First-aid measures after Eye Contact: | Rinse cautiously with copious amounts of water for several minutes. |
| First-aid measures after Skin Contact: | Remove contaminated clothing and immediately rinse skin with copious amounts of water followed by washing with soap and copious amounts of water. |
| First-aid measures after Ingestion: | If the person is unconscious, seek emergency medical attention: never give anything by mouth to an unconscious person. If the person is conscious, wash mouth out with copious amounts of water and call a physician. Do not induce vomiting unless directed to do so by a physician. |
| First-aid measures after Inhalation: | If person is unconscious, seek emergency medical attention. If person is conscious, remove to fresh air and call a physician. |
| <u>Most important symptoms and effects, both acute and delayed</u> | |
| Symptoms/injuries after Eye Contact: | Seek medical assistance if persist. |
| Symptoms/injuries after Skin Contact: | Seek medical assistance if persist. |
| Symptoms/injuries after Ingestion: | Seek medical assistance if persist. |
| Symptoms/injuries after Inhalation: | Seek medical assistance if persist. |
| Indication of any immediate medical attention and special treatment needed : No special measures required. | |

5. Fire and Explosion Measures:

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| Extinguishing Media | |
| Suitable extinguishing media: | Use an extinguishing agent suitable for the surrounding area. |
| Unsuitable extinguishing media: | Use an extinguishing agent suitable for the surrounding area. |
| Special hazards arising from the substance or mixture | |
| Fire hazard: | No known hazards. |
| Explosion hazard: | No known hazards. |
| Reactivity: | No known hazards. |
| Advice for firefighters | |
| Firefighting instructions: | Exercise caution when fighting a fire. |
| Protection during firefighting: | Firefighters should wear protective gear. Do not enter fire area without proper protective equipment, including respiratory protection. |

6. Accidental Release Measures:

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| Personal precautions, protective equipment and emergency procedures | |
| General measures: | Use appropriate personal protective equipment (PPE) and appropriate laboratory procedures. |
| For non-emergency personnel | |
| Protective equipment: | Use appropriate personal protective equipment (PPE). |
| Emergency procedures: | Use appropriate emergency laboratory procedures. |
| For emergency responders | |
| Protective equipment: | Use appropriate personal protective equipment (PPE). |
| Emergency procedures: | Use appropriate emergency procedures. |
| Methods and material for containment and cleaning up | |
| For containment: | Contain material in accordance to State and Federal regulations. |
| Methods for cleaning up: | Follow and dispose of material in accordance to State and Federal waste disposal regulations. |

7. Handling and Storage:

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| Precautions for safe handling: | Handle in accordance with good laboratory practices and safety procedures. |
| Storage conditions: | Store in a dry and cool place. Keep container closed when not in use. |
| Incompatible products: | No Data Available. |
| Incompatible materials: | No Data Available. |
| Storage: | Recommended storage temperature 2-8 degrees Celsius. |

8. Exposure Controls and Personal Protection:

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| Appropriate engineering controls: | Use universal precautions. Product may present unknown biohazard. |
| Personal Protective Equipment: | Use laboratory coat, protective gloves, safety glasses and suitable protective clothing. |
| Pictograms: |  |
| Eye/Face protection: | Wear in accordance with good laboratory practices and safety procedures. |
| Skin and body protection: | Wear in accordance with good laboratory practices and safety procedures. |
| Respiratory protection: | Wear in accordance with good laboratory practices and safety procedures. |
| Hand protection: | Wear in accordance with good laboratory practices and safety procedures. |
| Mechanical protection: | Wear in accordance with good laboratory practices and safety procedures. |
| Special work practices: | Follow purchaser's safety program. |

9. Physical and Chemical Properties:

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| Physical State: | Liquid at room temperature. |
| Appearance/color: | Clear, pale amber solution. |
| Odor: | No Data Available. |
| Odor threshold: | No Data Available. |
| pH: | No Data Available. |
| Melting point/freezing point: | No Data Available. |
| Boiling point: | No Data Available. |
| Flash point: | No Data Available. |
| Evaporation rate: | No Data Available. |
| Flammability: | No Data Available. |
| Upper/lower flammability or explosive limits: | No Data Available. |
| Vapor pressure: | No Data Available. |
| Vapor density: | No Data Available. |
| Relative density: | No Data Available. |
| Solubility(ies): | No Data Available. |
| Partition coefficient: | No Data Available. |
| Auto-ignition temperature: | No Data Available. |
| Decomposition temperature: | No Data Available. |
| Viscosity: | No Data Available. |
| Other information: | No Data Available. |

10. Stability and Reactivity:

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| Reactivity: | No Data Available. |
| Chemical stability: | The product is stable. |
| Possibility of hazardous reactions: | Under normal conditions of storage and use, hazardous reactions will not occur. |
| Conditions to avoid: | No Data Available. |
| Incompatible materials: | No Data Available. |
| Hazardous decomposition products: | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

11. Toxicological Information:

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| Skin corrosion/irritation: | No Data Available. |
| Eye damage/irritation: | No Data Available. |
| Respiratory damage/irritation: | No Data Available. |
| Ingestion damage/irritation: | No Data Available. |
| Specific target organ toxicity (single exposure): | No Data Available. |
| Specific target organ toxicity (repeated exposure): | No Data Available. |
| Numerical measure of toxicity: | No Data Available. |
| Symptoms/injuries after skin contact: | No Data Available. |
| Symptoms/injuries after eye contact: | No Data Available. |
| Symptoms/injuries after inhalation: | No Data Available. |
| Symptoms/injuries after ingestion: | No Data Available. |

12. Ecological Information:

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| Ecotoxicity: | No Data Available. |
| Persistence and degradability: | No Data Available. |
| Bioaccumulative potential: | No Data Available. |
| Mobility in soil: | No Data Available. |
| Other adverse effects: | No Data Available. |

13. Disposal Information:

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| Waste disposal recommendations: | Dispose of material in accordance to local, State and Federal waste disposal regulations. |
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14. Transport Information:

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| UN number | Not Regulated. |
| UN proper shipping name | Not Regulated. |
| Hazard Class | Not Applicable. |
| Packing group | Not Applicable. |
| Environmental hazards | Not Applicable. |
| Transport in bulk (According to MARPOL 73/78 and IBC Code) | Not Applicable. |
| Special precautions | None. |

15. Regulatory Information:

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| SARA 311/312: | Not listed. |
| Canadian WHMIS Classification: | No Information Available. |
| REACH (Regulation (EC) 1907/2006): | This product complies with or is exempted from the registration process. |
| RoHS (Directives 2011/65/EU and 2015/863): | This product complies with or is exempted from the registration process. |
| WEEE (Directive 2012/19/EU): | This product complies with or is exempted from the registration process. |
| California Proposition 65: | This product does not contain chemicals known to the state of California to cause cancer, birth defects or any other reproductive harm. |

16. Other Information:

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| Preparation Date | 2022/03/30 |
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