



Safety Data Sheet (SDS)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Identification of the Substance or Mixture

Product Code: BWP-010407A

Product Name: Synecta™ T2 Cell-Derived Nanoparticles

Company Identification

BlueWhale Bio, Inc.

2929 Arch Street, Suite 902

Philadelphia PA 19104

United States

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E-mail address: info@bluewhale.bio

FOR RESEARCH USE ONLY. Not intended for use in diagnostic procedures

SECTION 2: HAZARD IDENTIFICATION

GHS Classification

Signal Word

None

Hazard Pictograms

None

Health Hazards

Not Hazardous

Physical Hazards

Not Hazardous

Environmental Hazards

Not Hazardous

Hazard Statements

Not Applicable

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Precautionary Statements

Prevention

Not Applicable

Response

Not Applicable

Storage

Not Applicable

Disposal

Not Applicable

Other Hazards

Not Applicable

HMIS

| | |
|--------------|---|
| Health | 0 |
| Flammability | 0 |
| Reactivity | 0 |

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product contains no components classified as hazardous under GHS at the stated concentrations. All laboratory materials should be handled with care and in accordance with good laboratory practice.

SECTION 4: FIRST AID MEASURES

Description of first-aid measures

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| Ingestion | Do not administer anything orally to an unconscious individual. If conscious, rinse mouth thoroughly with water and obtain medical attention without delay. |
| Inhalation | If the person is conscious, move into fresh air. Seek medical advice immediately |
| Eye Contact | Flush with physiological saline or water. Seek medical advice immediately. |

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| Skin Contact | Wash off with soap and plenty of water. Seek medical advice immediately. |
| Most Important Symptoms and Effects | None |
| Notes to Physicians | Treat symptomatically |

SECTION 5: FIREFIGHTING MEASURES

| | |
|---|--------------------------|
| Unsuitable Extinguishing Media | No information available |
| Flash point | No information available |
| Method | No information available |
| Autoignition Temperature | No information available |
| Explosion Limits | |
| Upper | No data available |
| Lower | No data available |
| Sensitivity to mechanical impact | No information available |
| Sensitivity to static discharge | No information available |

Specific Hazards Arising from the Chemical

Not known

Protective Equipment and Precautions for Firefighters

Standard procedures to chemical fires

Extinguishing media

Suitable extinguishing media include water spray, CO₂, dry chemical, or foam. Firefighting personnel should use self-contained breathing apparatus and protective clothing when responding to chemical fires.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Ensure adequate ventilation. Always wear recommended Personal Protective Equipment.

Environmental Precautions

No special environmental precautions required

Methods and Material for Containment and Cleanup

Soak up with inert absorbent material

Reference to Other Sections

See Section 8 for more information

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Wear appropriate protective gear when handling. Prevent contact with eyes, skin, and clothing. Do not inhale vapors or ingest product.

Conditions for Safe Storage, including Incompatibilities

Keep in a cool, dry and well-ventilated place. Keep in properly labeled containers

Specific End Use(s)

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SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters

Exposure Limits

This product does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies

Engineering Measures

None under normal use conditions

Personal Protection Equipment

Eye/Face Protection

Wear appropriate protection eyeglasses

Skin and Body Protection

Wear suitable protective clothing

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| Hand Protection | Use chemical-resistant gloves made of materials compatible with laboratory reagents. Inspect gloves before use and replace if damaged. |
| Respiratory Protection | In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards |
| Hygiene Measures | Handle in accordance with good industrial hygiene and safety practice |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|---|--------------------------|
| Physical State | Liquid |
| Appearance | Off-white, opalescent |
| Odor | No information available |
| Odor Threshold | No information available |
| pH | 6-8 |
| Melting Point/Range | No data available |
| Boiling Point/Range | No information available |
| Flash Point | No information available |
| Evaporation Rate | No information available |
| Flammability (solid,gas) | Not applicable |
| Flammability or Explosive Limits | |
| Upper | No data available |
| Lower | No data available |
| Vapor Pressure | No data available |
| Vapor Density | No data available |
| Specific Gravity | No data available |
| Solubility | No data available |
| Partition coefficient; n-octanol/water | No data available |
| Autoignition Temperature | No data available |
| Decomposition Temperature | No data available |
| Viscosity | No data available |

SECTION 10: STABILITY AND REACTIVITY

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| Reactive Hazard | None known, based on available information |
| Stability | Stable under normal conditions |

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|--|---|
| Conditions to Avoid | No information available |
| Possibility of Hazardous Reaction | Hazardous reactions have not been reported |
| Incompatible Materials | No dangerous reaction known under normal usage conditions |
| Hazardous Decomposition Products | No data available |

SECTION 11: TOXICOLOGY INFORMATION

Information on toxicological effects

There is no evidence available indicating acute toxicity

Principal Routes of Exposure

| | |
|--|---|
| Acute toxicity | No information available |
| Skin corrosion/irritation | No information available |
| Serious eye damage/irritation | No information available |
| Respiratory or skin sensitization | No information available |
| Specific target organ toxicity (STOT) | None known |
| - single exposure | |
| Specific target organ toxicity (STOT) | None known |
| - repeated exposure | |
| Carcinogenicity | No information available |
| Germ cell mutagenicity | No information available |
| Reproductive toxicity | No information available |
| Aspiration hazard | No information available |
| Other adverse effects | The toxicological properties have not been fully investigated |

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

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|--------------------------------------|--------------------------|
| Mobility in soil | No information available |
| Persistence and Degradability | No information available |
| Bioaccumulative potential | No information available |

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Avoid or minimize the generation of waste whenever possible. Empty containers or liners may retain product residues. Dispose of this material and its container using approved disposal methods. All disposal practices must comply with applicable local, regional, and national regulations

SECTION 14: TRANSPORT INFORMATION

This product is not regulated as hazardous for transport under DOT (US), IMDG, or IATA classifications.

Special precautions for user

Not applicable

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

SARA 313

This product is not regulated by SARA

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs)

This product does not contain HAPs

US Department of Homeland Security

This product does not contain any DHS chemicals

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals



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SECTION 16: OTHER INFORMATION

Information Accuracy and Scope

The information in this Safety Data Sheet is based upon data and knowledge available to BlueWhale Bio, Inc. as of the revision date and reflects current understanding derived from scientific literature, testing data, and regulatory sources. This information is provided for informational purposes only, is not exhaustive, and should be used only as a guide for safe handling, use, and disposal of the product. All materials and mixtures may present unknown hazards and should therefore be handled with appropriate caution. Users must independently evaluate the completeness and suitability of this information for their specific applications and comply with all applicable federal, state, and local statutes and regulations. Because BlueWhale Bio, Inc. cannot control the conditions, methods, or manner of use, it assumes no responsibility and shall not be held liable for any damage or loss resulting from handling or contact with the product described herein. **BLUEWHALE BIO, INC. MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.** The information herein is provided "as is" without warranty of any kind except as prohibited by applicable law or regulations. **TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, BLUEWHALE BIO, INC. SHALL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, CONSEQUENTIAL, OR PUNITIVE DAMAGES ARISING FROM OR RELATED TO THE USE OF THIS INFORMATION OR THE PRODUCT, REGARDLESS OF THE THEORY OF LIABILITY (WHETHER CONTRACT, TORT, STRICT LIABILITY, OR OTHERWISE) AND EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.** Users acknowledge and accept that: (a) they have sufficient technical expertise to evaluate the hazards and safety information; (b) they will implement appropriate safety measures based on their specific use conditions; (c) they assume full responsibility for compliance with applicable regulations; and (d) unknown hazards may exist requiring additional precautionary measures.

End of Material Safety Data Sheet