

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

Telephone: 1- (617) 512-9530

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

Safety Data Sheet (SDS)

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

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.

Safety Data Sheet (SDS)

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.

Safety Data Sheet (SDS)

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)

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

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

Safety Data Sheet (SDS)

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

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

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

Safety Data Sheet (SDS)

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) – single exposure	None known
Specific target organ toxicity (STOT) – repeated exposure	None known
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

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

Safety Data Sheet (SDS)

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

Safety Data Sheet (SDS)

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