Bio-Synthesis, Inc.

SAFETY DATA SHEET – PEPTIDES

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

Product Name ➔ Peptides
Supplier Name ➔ Bio-Synthesis, Inc.
Supplier Address ➔ 612 E. Main Street, Lewisville, TX 75057
Phone Number ➔ 1-972-420-5201
Fax Number ➔ 1-972-420-0442
Internet E-Mail ➔ biosyn@biosyn.com
Emergency Telephone Number ➔ 1-800-227-0627

2. HAZARD(S) IDENTIFICATION

Classification of the Substance / Mixture ➔ The product is not classified according to the Globally Harmonized System (GHS).
Signal Word ➔ None
Pictogram ➔ None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name ➔ Custom Synthetic Peptide
Common Name and Synonyms ➔ None
Chemical Abstracts Service (CAS#) ➔ None
Formula ➔ 100% Peptide

4. FIRST AID MEASURES

Eye Exposure ➔ May cause eye irritation. Provide first aid treatment as needed. Call a physician.
Eye Protection ➔ Face protection, as needed.
Face Protection ➔ N/A
Respiratory Protection ➔ N/A
Other Protective Equipment ➔ N/A

5. FIRE FIGHTING MEASURES

Flash Point ➔ N/A
Auto Ignition Temp ➔ N/A
Flammability ➔ N/A
Suitable Extinguishing Equipment ➔ Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.
Not Suitable Extinguishing Equipment ➔ A solid water stream may be inefficient.
Firefighting Protective Equipment ➔ Wear protective clothing to prevent contact with skin and eyes.
Specific Hazardous Advice ➔ May emit toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Procedure in Case of Leak or Spill ➔ Evacuate area.
Procedure(s) of Personal Protection(s) ➔ Wear chemical safety goggles and personal protective as needed.
Methods for Cleaning Up ➔ Sweep up, place in a bag and hold for waste disposal. Avoid releasing into the environment.

7. HANDLING AND STORAGE

Precautions for Safe Handling ➔ Avoid inhalation of fumes, gases, mists and sprays. Avoid contact with eyes, skin and clothing.
Safe Storage Requirements ➔ Keep tightly closed. Store at -20°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Permissible Exposure Limits (PELs) ➔ Not Available
ACGIH Threshold Limit Values (TLVs) ➔ Not Available
Other Exposure Limits ➔ N/A
Engineering Controls ➔ Safety shower and eye bath. Use process enclosures, local exhaust ventilation or other engineering controls to control airborne concentrations below exposure limits.
Face Protection ➔ Face protection, as needed.
Skin Protection ➔ Wash thoroughly after handling.
Respiratory Protection ➔ N/A
Hand Protection ➔ N/A
Other Protective Equipment ➔ N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State ➔ Solid
Color ➔ Colorless or White
Appearance and Odor ➔ A typical powdered and odorless.
Odor Threshold ➔ Undetermined
pH ➔ Undetermined
Melting Point ➔ Undetermined
Freezing Point ➔ Undetermined
Initial Boiling Point ➔ Undetermined
Boiling Range ➔ Undetermined
Freeze Point ➔ Not Applicable
Evaporation Rate ➔ Undetermined
Flammability ➔ Not Applicable
Flammability Limits ➔ Not Applicable
Vapor Pressure ➔ Undetermined
Vapor Density ➔ Undetermined
Relative Density ➔ Undetermined
Solubility ➔ Fully miscible
Partition coefficient: n-octanol / Water ➔ Undetermined
Decomposition Temperature ➔ Not Applicable
Viscosity ➔ Not Applicable

10. STABILITY AND REACTIVITY

Stability ➔ Stable if stored in accordance with information listed on the product insert. Avoid strong acids, strong bases.
Conditions to Avoid ➔ Not applicable.
Incompatible Materials ➔ Activated carbon
Hazardous Decomposition Products ➔ Carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Ingredients ➔ 100% Peptide
Skin Contact ➔ May cause skin irritation.
Skin Absorption ➔ May be harmful.
Eye Contact ➔ May cause eye irritation.
Inhalation ➔ May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
Ingestion ➔ May be harmful if ingested.
Target Organs ➔ N/A
Additional Toxicological Information ➔ The product is not subject to classification according to the calculation method of the General EU Classification Guidelines.
Hazard Class ➔ N/A
Hazard Symbol ➔ N/A
Hazard Statement ➔ Toxic.
Danger Statement ➔ This material must be disposed of in accordance with all local, state, municipal, provincial and federal regulations.
Regulatory Information Statement ➔ This substance is considered to be non-hazardous for transport.

12. ECOLOGICAL INFORMATION

Persistence / Degradability ➔ May be harmful.
Bioaccumulation / Accumulation ➔ May be harmful.
Mobility in Environment ➔ May be harmful.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions ➔ This material must be disposed of in accordance with all local, state, municipal, provincial and federal regulations.

14. TRANSPORT INFORMATION

Prepared Shipping Name Per DOT ➔ None
Non-Hazardous for Air Transport Per IATA ➔ This substance is considered to be non-hazardous for transport.

15. REGULATORY INFORMATION

Per EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists ➔ None
Per TSCA (Toxic Substances Control Act) Lists ➔ None
Per OSHA (Occupational Safety and Health Administration) Lists ➔ None
Per US EPA or State Lists ➔ None
Per CA Prop. 65 ➔ None

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16. OTHER INFORMATION

**Disclaimer**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Bio-Synthesis, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

**DOCUMENT HISTORY**

REV. 00 07/15/16. Converted Material Safety Data Sheet (MSDS) into new Global Harmonization System (GHS) format for Safety Data Sheets (SDSs) in Modular Documentation System.