

# Safety Data Sheet (SDS)

## 1. Identification

- **Product Identifier**
  - Product Name: Tirzepatide
  - CAS Number: 2023788-19-2
- **Relevant Identified Uses and Recommended Restrictions**
  - Identified Uses: Laboratory chemical, substance synthesis.
- **Supplier Information**
  - Company Name: Palkem India
  - Address: 14, Atlanta Estate, Hanuman Tekdi Road, Vitbhatti, Goregaon (East), Mumbai – 400 063, India
  - Phone: +91-22-2877-0000
  - Email: [Arron.H@foxmail.com](mailto:Arron.H@foxmail.com)

## 2. Hazards Identification

- **Classification of the Substance or Mixture**
  - According to OSHA HCS, the substance is not classified as a hazardous material.
- **Label Elements**
  - No pictograms, signal words, hazard statements.
  - Prevention Statements: None.
  - Emergency Measures Statements: None.
  - Storage Statements: None.
  - Disposal Statements: None.

## 3. Composition/Information on Ingredients

- **Substance**
  - Synonyms: BG 121, BG-121, BG121, LY 3298176, LY3298176, LY-3298176.

- Molecular Formula: C<sub>22</sub>H<sub>35</sub>NaO<sub>8</sub>.
- Molecular Weight: 4813.53.
- Ingredients: Tirzepatide, concentration 99%.

#### 4. First-Aid Measures

- **General Advice:** Consult a physician and show this Safety Data Sheet.
- **Inhalation:** Move to fresh air and monitor breathing. If breathing is difficult, administer oxygen. If breathing stops, perform artificial respiration. Consult a physician.
- **Skin Contact:** Immediately wash the skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes and wash before reuse. Consult a physician.
- **Eye Contact:** Rinse with plenty of water for at least 15 minutes. Consult a physician.
- **Ingestion:** Rinse mouth with water. Do not induce vomiting unless directed by a medical professional. Do not give anything by mouth to an unconscious person. Consult a physician.

#### 5. Firefighting Measures

- **Suitable Extinguishing Media:** None.
- **Unsuitable Extinguishing Media:** None.
- **Hazardous Combustion Products:** None.
- **Special Protective Equipment and Precautions for Firefighters:** None.

#### 6. Accidental Release Measures

- **Personal Precautions, Protective Equipment, and Emergency Procedures:** None.
- **Methods and Materials for Containment and Cleanup:** None.
- **Environmental Precautions:** None.

#### 7. Handling and Storage

- **Precautions for Safe Handling:** None.
- **Conditions for Safe Storage, Including Any Incompatibilities:** None.

## 8. Exposure Controls/Personal Protection

- **Occupational Exposure Limits:** None.
- **Appropriate Engineering Controls:** None.
- **Personal Protective Equipment:** None.

## 9. Physical and Chemical Properties

- **Appearance:** None.
- **Physical State:** None.
- **Form:** None.
- **Color:** None.
- **Odor:** None.
- **Odor Threshold:** None.
- **pH:** None.
- **Melting Point/Freezing Point:** Not determined.
- **Initial Boiling Point and Boiling Range:** Not determined.
- **Flash Point:** Not applicable.
- **Evaporation Rate:** Not applicable.
- **Flammability (solid, gas):** The product is non-flammable.
- **Lower/Upper Flammability or Explosive Limits:** Not determined.
- **Lower Explosive Limit (%):** Not determined.
- **Upper Explosive Limit (%):** Not determined.
- **Vapor Pressure:** Not applicable.
- **Vapor Density:** Not applicable.
- **Relative Density:** Not determined.
- **Solubility (water):** Not determined.
- **Partition Coefficient:** Not determined.
- **Autoignition Temperature:** Not determined.
- **Decomposition Temperature:** Not determined.

- **Viscosity:** Not applicable.
- **Other Information:** None.

#### 10. Stability and Reactivity

- **Reactivity:** None.
- **Chemical Stability:** The product will not decompose if used as specified.
- **Possibility of Hazardous Reactions:** None.
- **Conditions to Avoid:** None.
- **Incompatible Materials:** None.
- **Hazardous Decomposition Products:** None.

#### 11. Toxicological Information

- **Acute Toxicity:** None.
- **Main Irritant Effects:** Non-irritating to skin; non-irritating to eyes.
- **Sensitization:** Unknown.
- **Other Information:** When used and handled as specified, according to our experience and the information provided, the product has no harmful effects.

#### 12. Ecological Information

- **Ecotoxicity:** None.
- **Persistence and Degradability:** None.
- **Bioaccumulation:** None.
- **Mobility:** None.
- **Other Adverse Effects:** None.

#### 13. Disposal Considerations

- **Disposal Methods:** None.
- **Pollution Control:** None.
- **Packaging Disposal:** None.

#### 14. Transport Information

- **UN Number:** None.

- **UN Proper Shipping Name:** None.
- **Transport Hazard Class:** None.
- **Packing Group:** None.
- **Special Precautions:** None.

#### 15. Regulatory Information

- **Regulatory Information:** None.