PRODUCT SAFETY INFORMATION

Tirzepatide

Non-regulatory product safety information document

Product code	ASC-TIRZEPATIDE	**Issue date**	2026-07-24
CAS number	2023788-19-2	**Revision**	1.0 — product safety information
Molecular formula	C225H348N48O68	**Molecular mass**	4813.45 g/mol

English safety information issued by the non-EEA supplier.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier: Tirzepatide; ASC-TIRZEPATIDE. Lyophilised research material.

1.2 Identified use: laboratory chemical and reference material for qualified scientific research and development (SU24). Uses advised against: human or veterinary use, diagnostic or therapeutic use, food use, and household use.

1.3 Supplier: Ascend Labs, a brand and contracting seller of AI Influencers LLC, 30 N Gould St Ste N, Sheridan, WY 82801, United States (non-EEA supplier). Telephone: +34 671 366 175. Safety information email: support@ascend-labs.co.

1.4 Emergency telephone: National Toxicological Information Centre (NTIC), Bratislava: +421 2 5477 4166 (24 hours / 24 hodín). This service provides acute-intoxication advice; call 112 where there is an immediate threat to life.

SECTION 2: Hazards identification

2.1 CLP classification: Classification of the exact supplied form has not been established. Do not interpret this as “not hazardous”; handle as potentially hazardous until assessed by a competent person.

2.2 Label elements: Final label elements are not assigned pending classification. Use conservative laboratory controls.

2.3 Other hazards: Toxicological, ecotoxicological, PBT/vPvB, and endocrine-disruption data are incomplete. Handle as a potentially hazardous research chemical. Avoid generating or inhaling dust.

SECTION 3: Composition/information on ingredients

3.1 Substance/research material: Tirzepatide; CAS: 2023788-19-2; formula: C225H348N48O68; molecular mass: 4813.45 g/mol; sequence: Not available. Batch-specific buffers or excipients may be present; verify against the CoA.

Batch-specific identity and purity results are provided in the applicable Certificate of Analysis (CoA).

SECTION 4: First-aid measures

Inhalation: Move the person to fresh air. Obtain medical advice if symptoms occur.

Skin contact: Remove contaminated clothing and wash with soap and water. Obtain medical advice if irritation persists.

Eye contact: Rinse cautiously with water for at least 15 minutes; remove contact lenses if easy to do. Obtain medical advice.

Ingestion: Rinse mouth. Do not induce vomiting. Contact NTIC or a physician. Treatment is symptomatic.

SECTION 5: Firefighting measures

Use extinguishing media appropriate to the surrounding fire: water fog, foam, dry powder, or CO2. Thermal decomposition may produce carbon and nitrogen oxides and, for sulfur-containing compounds, sulfur oxides. Firefighters should use self-contained breathing apparatus.

SECTION 6: Accidental release measures

Restrict access. Avoid skin/eye contact and inhalation of dust or aerosol. Use gloves, eye protection, and suitable ventilation. Collect mechanically without creating dust into a labelled, sealable waste container. Prevent entry into drains and surface water.

SECTION 7: Handling and storage

Safe handling: For trained laboratory personnel only. Do not eat, drink, or smoke in the work area. Wash hands after handling.

Storage: Store lyophilised material at −20 °C unless the label or CoA specifies otherwise. Keep in the original, tightly closed, labelled container. Protect from light, moisture, and incompatible materials. Label and CoA conditions take precedence.

SECTION 8: Exposure controls/personal protection

No occupational exposure limit has been established for the product. Use local exhaust where dust may form. Wear a laboratory coat, closed footwear, chemical-resistant gloves, and safety glasses. Where ventilation is inadequate or aerosol may form, use respiratory protection selected through a site-specific risk assessment.

SECTION 9: Physical and chemical properties

Appearance: lyophilised powder or cake, typically white to off-white; odour: not determined; solubility: depends on exact form and buffer.

Other properties—including pH, vapour pressure, flash point, partition coefficient, viscosity, and explosive properties—have not been determined for the supplied form.

SECTION 10: Stability and reactivity

Expected to be stable under recommended storage conditions. Avoid heat, direct light, moisture, strong oxidising agents, and extreme pH. Hazardous polymerisation is not expected. Fire decomposition products are listed in Section 5.

SECTION 11: Toxicological information

Insufficient data are available to establish a classification.

Data for acute toxicity, irritation, sensitisation, mutagenicity, carcinogenicity, reproductive toxicity, STOT, and aspiration hazard are incomplete for the supplied form. Absence of data does not imply absence of risk. Not intended for administration to humans or animals.

SECTION 12: Ecological information

Available data are insufficient for a final assessment of ecotoxicity, persistence, degradability, bioaccumulation, mobility, PBT/vPvB, or endocrine-disrupting properties. Avoid release to the environment.

SECTION 13: Disposal considerations

Dispose of as laboratory chemical waste through an authorised contractor in accordance with local and national requirements. Do not discharge to drains. Treat contaminated packaging in the same manner; recycle clean packaging only where local rules permit.

SECTION 14: Transport information

No UN number or transport hazard class has been assigned for ADR/RID, IMDG, or IATA based on currently available data. Before dispatch, the shipper must verify the final classification against the exact composition, quantity, packaging, and current carrier rules.

SECTION 15: Regulatory information

This document is not a safety data sheet under REACH Annex II and does not represent EU registration, classification, or regulatory approval. It provides practical safety information from a non-EEA supplier. It does not replace the obligations of an importer, distributor, or recipient under REACH, CLP, customs, or national law.

SECTION 16: Other information

Document status: final product safety information, revision 1.0 — product safety information. This is not a CoA and does not certify a specific batch's identity or purity.

Abbreviations: ADR – road transport; CLP – classification, labelling and packaging; CoA – Certificate of Analysis; EEA – European Economic Area; IATA – air transport; IMDG – maritime transport; PBT/vPvB – persistent, bioaccumulative and toxic/very persistent and very bioaccumulative; REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals.

Information is based on currently available product and reference data. The user must perform a task-specific laboratory risk assessment. This document does not replace a safety data sheet where one is legally required.