WERHNER LAB
LABORATORY RESEARCH MATERIALS

SAFETY DATA SHEET

Tirzepatide 10 mg

SDS-WL-TZ10 VERSION 2.0 ISSUED 8 OCTOBER 2026 REG. (EC) 1907/2006 ANNEX II · OSHA HCS

RESEARCH USE ONLY. Laboratory research material. Not for human or veterinary use. Not a medicine, food supplement or cosmetic.

1 Identification of the substance/mixture and of the company

1.1 Product identifier	**Tirzepatide 10 mg** · research peptide, lyophilised
Product code	TZ10
Product type	Substance (synthetic peptide)
1.2 Identified uses	Scientific research and development (laboratory use only) by technically qualified persons.
Uses advised against	Not for human or veterinary use. Not a medicinal product, food, food supplement, cosmetic or household product. Not for diagnostic or therapeutic use.
1.3 Supplier	Werhner Lab LTD 1701 NW 84th Ave, Doral, FL 33126, United States Tel. +34 684 123 582 · contact@werhnerlab.com · werhnerlab.com
1.4 Emergency telephone	Spain — Servicio de Información Toxicológica (INTCF): +34 91 562 04 20 (24 h) United States — Poison Help: 1-800-222-1222 (24 h) Elsewhere: contact your national poison centre or emergency services (112 in the EU, 911 in the US).

2 Hazards identification

2.1 Classification	Not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP) and the US OSHA Hazard Communication Standard (29 CFR 1910.1200), based on available data. No harmonised classification exists (CLP Annex VI).
2.2 Label elements	Hazard pictogram: none · Signal word: none · Hazard statements: none.
Precautionary statements	P261 Avoid breathing dust. P262 Do not get in eyes, on skin, or on clothing. P280 Wear protective gloves and eye protection. P270 Do not eat, drink or smoke when using this product.
2.3 Other hazards	Pharmacologically active peptide. Toxicological properties have not been fully investigated; handle as a substance of unknown toxicity. Does not meet PBT/vPvB criteria based on available information.

3 Composition / information on ingredients

COMPONENT	CAS NO.	FORMULA	MW (G/MOL)	PER VIAL	CLASSIFICATION
Tirzepatide	2023788-19-2	C225H348N48O68	4813.5	10 mg	Not classified

Purity of each peptide ≥ 97.5 % (HPLC). Balance: water and counter-ion salts from synthesis (e.g. acetate). No hazardous impurities at reportable concentrations. Lot-specific values are reported on the batch Certificate of Analysis.

4 First-aid measures

Inhalation	Move the person to fresh air and keep at rest. Seek medical advice if symptoms occur.
Skin contact	Remove contaminated clothing. Wash skin with soap and plenty of water. Seek medical advice if irritation develops.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical advice if irritation persists.
Ingestion or injection	Rinse mouth with water. Do not induce vomiting. Accidental injection: seek medical attention immediately and show this sheet. Never give anything by mouth to an unconscious person.

Symptoms and effects	No specific data. Pharmacological effects of the active peptide cannot be excluded after significant exposure.
Notes to physician	Treat symptomatically. Contact a poison information centre (Section 1.4).

5 Fire-fighting measures

Extinguishing media	Water spray, dry chemical, carbon dioxide or alcohol-resistant foam.
Special hazards	Thermal decomposition may release carbon oxides and nitrogen oxides.
Advice for firefighters	Wear self-contained breathing apparatus and full protective clothing.

6 Accidental release measures

Personal precautions	Wear the protective equipment in Section 8. Avoid dust formation and inhalation. Ensure adequate ventilation.
Environmental precautions	Do not allow to enter drains, surface water or soil.
Clean-up	Collect without raising dust (damp wipe or HEPA vacuum). Place in a closed, labelled container for disposal. Clean the area with water and detergent.

7 Handling and storage

Safe handling	Handle in a well-ventilated area or under a fume hood following Good Laboratory Practice. Avoid contact with eyes and skin. Wash hands after handling.
Storage	Keep the vial tightly closed. Lyophilised powder: store at −20 °C, protected from light and moisture. Reconstituted solution: store at 2–8 °C and avoid repeated freeze–thaw cycles.
Specific end use	Laboratory research only.

8 Exposure controls / personal protection

Occupational exposure limits	None established.
Engineering controls	General ventilation; fume hood or ventilated enclosure when handling powder. Eyewash station available.
Eye / face protection	Safety glasses with side shields or goggles (EN 166).
Hand protection	Nitrile gloves (EN ISO 374).
Body protection	Laboratory coat.
Respiratory protection	Not normally required. If dust may be generated outside a fume hood, use an FFP2 (EN 149) or N95 respirator.

9 Physical and chemical properties

Physical state / appearance	White to off-white lyophilised powder or cake.
Odour	Odourless or faint.
pH	Not applicable (solid).
Melting point	Not determined (decomposes on heating).
Flammability	Not flammable under normal conditions.
Solubility	Soluble in water and bacteriostatic water.
Other data	Molecular formula and weight: see Section 3.

10 Stability and reactivity

Reactivity / stability	Stable under the recommended storage conditions. Reconstituted solutions are less stable; keep cold and use promptly.
Conditions to avoid	Heat, moisture, direct light, repeated freeze–thaw cycles.
Incompatible materials	Strong oxidising agents, strong acids and bases.
Hazardous decomposition	See Section 5.

11 Toxicological information

No data are available for acute toxicity, skin corrosion/irritation, eye damage/irritation, sensitisation, germ cell mutagenicity, carcinogenicity, reproductive toxicity or specific target organ toxicity of this product. Not listed as a carcinogen by IARC, NTP or OSHA. The product contains a pharmacologically active peptide; its effects in humans outside controlled studies are not established. Handle as a substance of unknown toxicity.

12 Ecological information

No ecotoxicity, persistence, bioaccumulation or mobility data are available. Peptides are expected to be biodegradable. Not assessed for PBT/vPvB. Avoid release to the environment.

13 Disposal considerations

Dispose of the product and contaminated packaging in accordance with local, national and EU regulations, preferably through a licensed waste contractor as laboratory chemical waste. Do not discharge into drains.

14 Transport information

UN number / proper shipping name	Not applicable.
ADR/RID · IMDG · IATA	Not regulated as dangerous goods.
Environmental hazards	None.
Special precautions	Protect from heat. Ship with cold packs where possible to preserve product quality.

15 Regulatory information

EU	Regulation (EC) No 1907/2006 (REACH): supplied for scientific research and development (Art. 3(23)) in quantities below 1 tonne per year; not subject to registration. Not listed on the REACH Candidate List (SVHC) or Annex XIV/XVII. Regulation (EC) No 1272/2008 (CLP): not classified.
United States	For research and development use only, under the supervision of a technically qualified individual. Not classified as hazardous under OSHA 29 CFR 1910.1200.
Product status	Research Use Only (RUO). Not approved as a medicine, food or cosmetic in any jurisdiction.
Chemical safety assessment	Not carried out.

16 Other information

Revision	Version 2.0 · issued 8 October 2026 · supersedes version 1.0 (27 August 2026). Complete revision of all sections.
Abbreviations	CAS: Chemical Abstracts Service · CLP: Classification, Labelling and Packaging · CoA: Certificate of Analysis · HPLC: high-performance liquid chromatography · PBT/vPvB: persistent, bioaccumulative and toxic / very persistent and very bioaccumulative · RUO: Research Use Only · SVHC: substance of very high concern.
Relevant H-statements (Section 3)	None.
Disclaimer	The information in this Safety Data Sheet is based on our present knowledge and is given in good faith. It describes the product with regard to safety requirements and is not a specification or a guarantee of properties. Lot-specific analytical data are given on the batch Certificate of Analysis. The user is responsible for safe handling, use and disposal in compliance with all applicable laws.