

# SAFETY DATA SHEET

According to GHS / Regulation (EC) No 1272/2008

Decode Peptides  
decodepeptides.com

## SECTION 1: IDENTIFICATION

Product Name:	BPC-157 + TB-500 Blend
CAS Number:	BPC-157: 137525-51-0 / TB-500: 77591-33-4
Molecular Formula:	BPC-157: $C_{14}H_{24}N_2O_4S$ / TB-500: $C_{49}H_{84}N_{10}O_{14}S$
Molecular Weight:	BPC-157: 1419.53 g/mol   TB-500: 4963.5 g/mol
Intended Use:	In vitro research only. Not for human or veterinary use.
Supplier:	Decode Peptides GesbR   decodepeptides.com   office@decodepeptides.at

## SECTION 2: HAZARD IDENTIFICATION

GHS Classification:	Not classified as hazardous under GHS. Research compound "not for human use."
Signal Word:	None (not classified as hazardous)
Hazard Statements:	Not applicable under current classification.

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance:	BPC-157 + TB-500 Blend
CAS:	BPC-157: 137525-51-0 / TB-500: 77591-33-4
Purity:	≥99% (HPLC)
Appearance:	White lyophilized powder

## SECTION 4: FIRST AID MEASURES

First Aid:	Skin/Eye: Rinse with water for 15 min. Inhalation: Move to fresh air. Ingestion: Rinse mouth, seek medical advice if symptomatic.
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## SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:	Use media appropriate to surrounding fire (CO <sub>2</sub> , dry powder, water fog).
Special Hazards:	Non-flammable. No special fire hazards known.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear gloves and eye protection. Avoid inhalation of dust.
Clean-Up Methods:	Collect spilled material into a sealed container. Dispose per Section 13.

## SECTION 7: HANDLING AND STORAGE

Handling:	Handle with standard lab PPE (gloves, lab coat, eye protection). Avoid inhalation of dust during reconstitution.
Storage:	-20 °C (long-term); +4 °C (short-term, up to 4 weeks)

**Solubility:**

Soluble in sterile water or bacteriostatic water (1 mg/mL)



**Engineering Controls:**

Use in a well-ventilated laboratory. Fume hood recommended for reconstitution.

**Hand Protection:**

Nitrile or latex gloves.

**Eye Protection:**

Safety glasses or goggles.

**Respiratory:**

Not required under normal use. Use dust mask if powder is aerosolized.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Solid (lyophilized powder)
<b>Colour:</b>	White
<b>Odour:</b>	Odourless
<b>Melting Point:</b>	Not determined
<b>Flash Point:</b>	Not applicable
<b>Solubility:</b>	Soluble in sterile water or bacteriostatic water (1 mg/mL)

## SECTION 10: STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid:</b>	Heat, moisture, repeated freeze-thaw cycles, direct sunlight.
<b>Hazardous Products:</b>	None known.

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Not fully established. Handle as potentially biologically active.
<b>Skin/Eye:</b>	May cause mild irritation on prolonged contact.
<b>Note:</b>	For research use only. No clinical toxicity data available.

## SECTION 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available. Assumed low environmental risk at research quantities.
<b>Biodegradability:</b>	Expected to be biodegradable (peptide bonds).

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>Waste Disposal:</b>	Dispose according to local regulations for chemical research compounds. Do not pour down the drain.
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## SECTION 14: TRANSPORT INFORMATION

<b>Transport Classification:</b>	UN: Not classified as dangerous goods. Ship refrigerated.
<b>Packing Group:</b>	Not applicable.

## SECTION 15: REGULATORY INFORMATION

<b>EU Regulation:</b>	This substance is not listed as a hazardous substance under Regulation (EC) No 1272/2008.
<b>Research Use:</b>	This product is supplied for research purposes only in accordance with applicable law.

## SECTION 16: OTHER INFORMATION

<b>Prepared By:</b>	Decode Peptides Quality Department
<b>Date of Issue:</b>	2026-06-04

**Emergency Line:**

+49 (0) 30 30686 790 (BfR, Germany)

**Disclaimer:**

This SDS is provided for research and safety purposes. The information is believed to be accurate but does not constitute a warranty. The product is for in vitro research only and is not intended for therapeutic, diagnostic, or human use.





