

Safety Data Sheet (SDS)

Product name: ImmuneSelect Peptide Pool
Revision date and number: 10th November 2025, Version 1

Catalogue number: 1012-07,1015-07,1029-07, 1037-07,1053-07,1074-07, 1081-07, 1201-07,1204-07,1205-07,1209-07,1210-07,1211-07,1215-07,1217-07,1219-07,1222-07,1223-07,1224-07,1230-07,1231-07,1233-07,1234-07,1235-07,1244-07,1255-07,1261-07,1274-07,1276-07,1288-07,1292-07,1293-07,1294-07,1295-07,1298-07,1305-07,1308-07,1311-07,1314-07,1315-07,1320-07,1325-07,1330-07,1333-07

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

Product Name	ImmuneSelect Premium Peptide pool
CAS Number	N/A
Substance/mixture	Lyophilised peptides
Company/Manufacturer/Supplier	Virax Biolabs (UK) Ltd.
Address	Bo'Ness Road, Newhouse Lanarkshire, ML1 5UH United Kingdom
Intended use	Diagnostic and research use only. Not for therapeutic use.
Company Telephone number	0 1698 678 451

2. HAZARDS IDENTIFICATION

This material is not classified as hazardous under UK CLP (Regulation (EC) No 1272/2008 as retained in UK law). However, laboratory good practice should be followed.

Precautionary measures:

- 2.1. Avoid inhalation of dust.
- 2.2. Avoid contact with skin, eyes, and clothing.
- 2.3. Use appropriate PPE when handling the lyophilised product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Concentration	CAS Number	Classification
Synthetic peptides	100% mixture	Not assigned	Not classified

4. FIRST AID MEASURES

- 4.1. **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.
- 4.2. **Skin Contact:** Wash affected area with soap and water.
- 4.3. **Eye Contact:** Immediately rinse cautiously with water.
- 4.4. **Ingestion:** Rinse mouth with water. Seek medical advice if unwell.
- 4.5. **Symptoms:** May cause mild transient irritation.
- 4.6. **Notes for clinicians:** Treat symptomatically.

5. FIREFIGHTING MEASURES

- 5.1. **General Information:** No unusual fire or explosion hazards expected.
- 5.2. **Extinguishing Media:** Use extinguishing measures suitable for surrounding environment

- 5.3. **Special hazards:** Combustion may produce carbon oxides and nitrogen oxides. Firefighters should use standard protective equipment.

6. ACCIDENTAL RELEASE MEASURES

- 6.1. **Personal Protective Measures:** Avoid generating dust. Wear gloves, protective eyewear and a lab coat. Absorb with damp wipes or disposable absorbent material.
- 6.2. **Containment and Cleaning:** Dispose of the waste according to local laboratory waste regulations. Ventilate the area after cleaning.

7. HANDLING AND STORAGE

- 7.1. **Handling:** Handle in accordance with standard laboratory practices. Use appropriate PPE and avoiding contamination of surfaces.
- 7.2. **Storage:** Store lyophilised peptides at -20°C . Protect from moisture and light and avoid repeated freeze-thaw cycles after reconstitution.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1. **Engineering Controls:** Use standard laboratory ventilation. A biosafety cabinet is recommended for assay preparation.
- 8.2. **Personal Protective Equipment:** Eye protection (safety glasses/goggles), appropriate gloves and laboratory coats are recommended.
- 8.3. **Exposure Limit:** No occupational exposure limits established.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White to off-white lyophilised powder
Odour	Odourless
Physical state at room temperature	Solid
Solubility	Soluble in water or assay buffers
Stability	Stable when stored at -20°C under recommended conditions

10. STABILITY AND REACTIVITY

Stable under recommended conditions. Avoid exposure to moisture, heat, and oxidising conditions. No hazardous polymerisation expected.

11. TOXICOLOGICAL INFORMATION

Not expected to be acutely toxic in small quantities. May cause mild irritation to the eyes, skin, or respiratory tract. No known carcinogenicity or mutagenicity data for the typical synthetic peptides.

12. ECOLOGICAL INFORMATION

No specific ecological data available. Peptides are expected to be biodegradable. Avoid release into the environment.

13. DISPOSAL CONSIDERATIONS

Dispose waste in accordance with local regulations as laboratory chemical or biological waste. Do not discharge into drains. Follow UK or local regulations. Empty containers are not considered hazardous waste.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport (ADR, IATA, IMDG). No UN number required.

15. REGULATORY INFORMATION

The product is not classified under UK CLP. For research use only. Not for human or veterinary therapeutic applications.

16. OTHER INFORMATION

This Safety Data Sheet provides safety guidance but does not replace good laboratory practice. The information in this SDS is believed to be accurate at the time of publication and applies only to the material described. Virax Biolabs (UK) Ltd. accepts no liability for any damage resulting from handling or contact with the product.
