



DISCOVERY®
PEPTIDES

Material Safety Data Sheet

Section 1: Identification Of The Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Codes	Unique identifier
Product Name	Synthetic Peptide

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use	For research use only
Uses advised against	No information available

1.3 Details of the supplier of the safety data sheet

Cambridge Research Biochemicals
17-18 Belasis Court
Belasis Hall Technology Park
Billingham
Cleveland
TS23 4AZ
UK
Tel: +44 (0)1642 567 180
Fax: +44 (0)1642 567 181
For further information, please contact: sales@crbdiscovery.com

1.4 Emergency telephone number

Emergency telephone - Tel: +44 (0)1642 567 180 (08.30-17.00 GMT, Monday to Friday)

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

GHS / CLP - REGULATION (EC) No 1272/2008
Lyophilised synthetic peptide purified by reverse phase HPLC

2.2 Label elements

Not dangerous

Precautionary Statements – (EC) No 1272/2008)
P280 - Wear protective gloves/ protective clothing

2.3 Other information

Caution - substance not yet tested completely

Section 3: Composition/Information On Ingredients

3.1 Substances

Synthetic peptide

Section 4: First Aid Measures

4.1 Description of first aid measures

Inhalation	Move to fresh air.
Skin contact	Wash off immediately with soap and plenty of water. Removing all contaminated clothes and shoes
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes
Ingestion	Clean mouth with water. Drink plenty of water

4.2 Most important symptoms and effects, both acute and delayed

Main symptoms No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

Section 5: Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the substance or mixture

Special hazard

None known

5.3 Advice for fire-fighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
Wear disposable gloves. Clear spill immediately.
Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3 Methods and materials for containment and cleaning up

Contain and collect spillage with absorbent material and place in container for disposal according to local/national regulations (see Section 13).

Section 7: Handling And Storage

7.1 Precautions for safe handling

Ensure adequate ventilation

7.1.2 Advice on general occupational hygiene

- (a) Do not to eat, drink and smoke in work areas;
- (b) wash hands after use; and
- (c) remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place.
Keep out of the reach of children.
Keep in properly labelled containers.

7.3 Specific end uses

Specific use(s)	No information available
Exposure scenario	No information available

Section 8. Exposure Controls/Personal Protection

8.1 Control parameters

Exposure limits	National occupational exposure limits
Derived No Effect Level	No information available
Predicted No Effect Concentration	No information available

8.2 Exposure controls

Engineering measures	Ensure adequate ventilation, especially in confined areas. Employ good industrial hygiene practice
Personal protective equipment:	
Eye protection	Safety glasses with side-shields
Hand protection	Protective gloves
Skin and body protection	Long sleeved clothing
Respiratory protection	No special protective equipment required
Thermal hazards	No information available
Hygiene measures	When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing
Environmental exposure controls	Do not allow material to contaminate ground water system

Section 9: Physical And Chemical Properties

9.1 Information on basic physical and chemical properties

Property	Values	Note
Physical State @20°C	Solid	Lyophilised powder
Odour	No information available	
Melting/freezing point	No information available	
Boiling point/boiling range	No information available	
Flash Point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air:		
- upper flammability limit	No information available	
- lower flammability limit	No information available	
Vapour pressure	No information available	
Vapour density	No information available	
Relative density	No information available	
Water solubility	No information available	
Solubility in other solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Viscosity, kinematic	No information available	
Explosive properties	No information available	

9.2 Other information

VOC Content (%)	No information available
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Section 10: Stability And Reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Precautionary Statements

None under normal processing.

10.4 Conditions to avoid

Heat, flames and sparks

10.5 Incompatible materials

None in particular

10.6 Hazardous decomposition products

Not applicable

Section 11: Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
Inhalation	No information available
Eye Contact	No information available
Skin Contact	No information available
Ingestion	No information available

Chronic toxicity

Corrosivity	No information available
Sensitisation	No information available
Neurological effects	No information available
Reproductive toxicity	No information available
Mutagenic effects	No information available
Target Organ Effects	No information available

Section 12. Ecological Information

12.1 Toxicity

Ecotoxicity effects As supplied, the preparation is not expected to present significant adverse environmental effects.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

Section 13: Disposal Consideration

13.1 Waste treatment methods

Waste from residues / unused	
Products	Dispose of in accordance with local regulations
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal

Section 14: Transport Information

ADR Not dangerous goods

IATA Not dangerous goods

DOT Not dangerous goods

Section 15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No information available.

15.2 Chemical Safety Assessment

No information available.

Section 16. Other Information

Indication of changes

Version 1.0 Initial Issue

Training Advice:

User should be trained in safe laboratory practice and good industrial hygiene practice

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.