Material Safety Data Sheet

SECTION 1. Identification

1.1 Product identifier	STJ504123
	This product is composed of peptide in aqueous phosphate buffer saline solution,
	intended for the purposes of scientific research use only. It is not intended for
1.2. Relevant identified uses of the substance or	diagnostic or other medical uses.
mixture and uses advised	This product contains no hazardous components, or the concentration of all
against	chemical constituents is below the regulatory threshold limits described by
	European Directive 91/155/EEC, 93/112/EC and (EC) 1272/2008 (CLP).
	St John's Laboratory Ltd
	Knowledge Dock Business Centre
1.3. Details of the supplier	University Way
of the safety data sheet	London
-	E16 2RD, UK
	Tel: 0208 223 3081
	UK - Call 111 if you urgently need medical assistance or advice if in a non-life-
14 Emorgonov	threatening situation. 111 is available 24 hours a day, 365 days a year.
1.4. Emergency telephone number	USA – Emergency services – Dial 911
	EU – Emergency services – Dial 112
	ROW – Please seek assistance from local country services.

SECTION 2. Hazards Identification

2.1 Classification of substance or mixture Product definition: Mixture

Classification according to Reg (EC) No. 1272/2008

Not a hazardous substance or mixture according to directives 67/548/EEC or 1999/45/EC. OSHA Hazard Communication Standard 29CFR1910:1200 classifies this product as non-hazardous.

2.2. Label elements

The product is not required to labelled according to EC directives. Precautionary statements (EU) 28 1272/2008, wear appropriate PPE, gloves and protective clothing.

2.3. Other hazards

Physical/chemical: Not applicable. Human health: Not applicable.

SECTION 3. Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures All components are non-hazardous.

SECTION 4. First Aid Measures

4.1. Description of first aid measures

Eye	In case of contact with eyes, immediately
Exposure	flush eyes with water for at least 15 minutes.
	Seek medical attention.
Ingestion	If swallowed and person is conscious, rinse
	mouth with water. Seek medical attention.
Inhalation	If inhaled, move to fresh air. If breathing
	difficulties occur, seek medical attention.
Skin	In case of contact, wash skin with soap and
Exposure	water.

4.2. Most important symptoms and effects, both acute and delayed

Not applicable.

4.3. Indication of any immediate medical attention and special treatment needed Not applicable.

SECTION 5. Fire Fighting Measures

5.1. Extinguishing media	Water spray, dry chemical, foam or carbon dioxide.
5.2. Special	No data available.
hazards arising from the substance	
or mixture	
5.3. Advice for	Wear protective clothing and self-
firefighters	contained breathing apparatus to
	prevent contact with skin and eyes.
5.4 Further	No data available.
information	

SECTION 6. Accidental Release Measures

6.1. Personal	Maintain adequate ventilation, eye
precautions,	wash and quick drench facilities in
protective	work area. Wear a lab coat,
equipment and	chemical resistant gloves and
emergency	chemical safety.
procedures	
6.2. Environmental	Avoid dispersal of spilt material and
precautions	runoff contact with soil. Prevent
	product from entering drains.
6.3. Methods and	Absorb liquid with an absorbent
material for	material. Transfer contaminated
containment and	absorbent to a chemical waste
cleaning up	container for disposal.
6.4. Reference to other sections	See Section 13.

SECTION 7. Handling and Storage

7.1. Precautions for safe handling	Avoid inhalation and contact with eyes and skin. Avoid prolonged or repeated exposure.
7.2. Conditions for safe storage, including any incompatibilities	Store according to instructions on the product label and data sheet.
7.3. Specific end use(s)	No other specific uses are intended. These products are for research purposes only and must not be used in diagnostic or other medical purposes.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Not applicable.

8.2. Exposure controls

Engineering Controls	Practice good safety and industrial hygiene, ensuring PPE is worn prior to handling. Wash hands after handling.
Eye/face	Avoid contact with the eyes, and wear
protection	safety glasses or goggles with side
	shields conforming to EN 166 (EU).
Skin	Avoid contact with skin and mucous
protection -	membranes. Avoid prolonged or
hands	repeated contact with skin, and wear
	gloves which conform to EN374 (EU).
	Gloves should be of non-reactive
	material such as latex, butyl rubber,
	polyvinyl chloride, etc. The use of
	gloves should take into account other
	chemicals which are being handled, as
	well as physical properties, such as
	puncture protection, dexterity and
	thermal protection.
Skin	Lab coat should be worn to protect
protection -	other bodily areas, as well as footwear
other	which fully covers the feet.
Respiratory	Under normal conditions of use a
protection	respirator is not required. Should a



respirator be required the user should be properly trained to ensure proper

	fitting.
Thermal	Not applicable.
hazards	
Environmental	Comply with local environmental
exposure	regulations. Where necessary this may
controls	include the use of cases, fume
	scrubbers, filters or engineering
	modifications to equipment to reduce
	emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Liquid at room temperature.
Colour	Colourless.
Odour	Odourless.
Melting/Freezing Point	Data not available.
Initial boiling point &	Data not available.
boiling range	
Flammability	Data not available.
Lower and upper	Data not available.
explosion limit	
Flash point	Data not available.
Auto-ignition	Data not available.
temperature	
Decomposition	Data not available.
temperature	
рН	7.4 – 7.8
Kinematic viscosity	Data not available.
Solubility	Soluble
Partition coefficient (n-	Data not available.
octanol/water)	
Vapour pressure	Data not available.
Relative density	Data not available.
Relative vapour density	Data not available.
Particle characteristics	Data not available.

9.2. Other information

Not available

SECTION 10. Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Product is stable under normal operating conditions, and when used according to the data sheet.

10.3. Possibility of hazardous reactions

No known reactions when used as described.

10.4. Conditions to avoid

Extreme temperatures and direct sunlight.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products None under normal use conditions.

SECTION 11. Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

This product is for experimental/research uses only. It has not been completely analysed, and all of the hazards may not be known.

Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available.
Respiratory or skin sensitisation	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probably, possible or a confirmed human carcinogen by IARC.
Reproductive toxicity	No data available.
STOT – single exposure	No data available.
STOT – repeated exposure	No data available.
Aspiration hazard	No data available.
Additional information	RTECS: Not available. This product is not subject to OSHA classification.

11.2. Information on other hazards

No data available.

SECTION 12. Ecological information

12.1. Toxicity

The environmental impact of this product has not been fully investigated.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment No data available.

12.6. Endocrine disrupting properties No data available.

12.7. Other adverse effects No data available.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Product

Dispose of in accordance with local laws and national/federal regulations. Smaller quantities may be disposed of with solid waste.

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Packaging

Contaminated packaging should be disposed of in the same way as unused product.

SECTION 14. Transport information

14.1. UN number or ID number, groups and classes Chemical Inventory Status

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DOT	Not regulated
ADR/RID	Considered non-hazardous for transport.
IMDG	Considered non-hazardous for transport.
IATA	Considered non-hazardous for transport.
IATA-DGR	Considered non-hazardous for transport.

14.6. Special precautions for user

Transport within user's premises: always transport within closed containers which are upright and secure. Users should be trained in the event of an accident of spillage.

14.7. Maritime transport in bulk according to IMO instruments Not applicable.

SECTION 15. Regulatory information

This safety data sheet conforms to regulation (EC) No. 1907/2006 (REACH), Annex II.

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

Mixture

No data available.

15.2. Chemical safety assessment

No chemical safety assessment was carried out for this product.

SECTION 16. Other information

The products referenced in this sheet are sold with intention for research use only by personnel familiar with chemicals and trained professionals with good laboratory practices in science research. No other use is intended, and any other use may involve substantive hazards.

All information is believed to be correct at the time of writing, does not purport to be all inclusive and shall be used only as guide for experienced personnel. Users should carry out their own investigation to determine the suitability of the information for their purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.