

Material Safety Data Sheet

SECTION 1. Identification

1.1 Product identifier	STJ95211
1.2. Relevant identified uses of the substance or mixture and uses advised against	<p>This product is composed of mixture of affinity purified antibody in aqueous buffer solution, intended for the purposes of scientific research use only. It is not intended for diagnostic or other medical uses.</p> <p>This product contains no hazardous components, or the concentration of all chemical constituents is below the regulatory threshold limits described by European Directive 91/155/EEC, 93/112/EC and (EC) 1272/2008 (CLP).</p>
1.3. Details of the supplier of the safety data sheet	<p>St John's Laboratory Ltd Knowledge Dock Business Centre University Way London E16 2RD, UK Tel: 0208 223 3081</p>
1.4. Emergency telephone number	<p>UK - Call 111 if you urgently need medical assistance or advice if in a non-life-threatening situation. 111 is available 24 hours a day, 365 days a year. USA – Emergency services –Dial 911 EU – Emergency services – Dial 112 ROW – Please seek assistance from local country services.</p>

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 be labelled according to EC directives. Precautionary statements (EU) 28 1272/2008, wear appropriate PPE, gloves and protective clothing.

2.3. Other hazards

Physical/chemical: NA
Human health: NA

SECTION 3. Composition/information on ingredients

3.1 Substances

NA

3.2 Mixtures

Name	EC#	CAS#	Amount
Glycerol	200-289-5	56-81-5	50%
Sodium Azide	247-852-1	26628-22-8	<0.1%

According to European Directive 91/155/EEC and regulations (EC) 1272/2008 (CLP) Sodium Azide is non-hazardous when concentration < 0.1%.

SECTION 4. First Aid Measures

4.1. Description of first aid measures

Eye Exposure	In case of contact with eyes, immediately flush eyes with water for at least 15 minutes. Seek medical attention.
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Ingestion	If swallowed and person is conscious, rinse mouth with water. Seek medical attention.
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Inhalation	If inhaled, move to fresh air. If breathing difficulties occur, seek medical attention.
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Skin Exposure	In case of contact, wash skin with soap and water.
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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.
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5.2. Special hazards arising from the substance or mixture	No data available.
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5.3. Advice for firefighters	Wear protective clothing and self-contained breathing apparatus to prevent contact with skin and eyes.
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5.4 Further information	No data available.
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SECTION 6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures	<p>Maintain adequate ventilation, eye wash and quick drench facilities in work area. Wear a lab coat, chemical resistant gloves and chemical safety.</p>
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Skin corrosion/irritation	May cause skin irritation.
Serious eye damage/eye irritation	May cause eye irritation.
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

Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Glycerol	-	LC50 51 – 57 mL/L (Oncorhynchus mykiss) 96 h	EC50 500 mg/L (Daphnia magna) 24 h
Sodium Azide	EC50 0.35 mg/L 96 h	LC50 0.7-5.5 mg/L (Oncorhynchus mykiss) 96 h	LC50 0.4-6.4 mg/L, 4.2 mg/L (Daphnia pulex) 48 h

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.

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

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.