

Material Safety Data Sheet

1. Identification

Product name	Primary antibodies containing PBS, <0.1% Sodium Azide and 50% Glycerol
Product Model Number	STJ9XXXX, STJ11XXXX & STJ2XXXX models

Description: This product is composed of antibodies in aqueous buffer solution and does not contain hazardous ingredients in amounts which would require identification and labelling, in accordance with concentration limit/cut-off values of EC directives. 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).

2. Hazards Identification

2.1 Classification of substance

Ingredient	CAS#	Amount
Sodium Azide	26628-22-8	<0.1%
Glycerol	56-81-5	50%

According to European Directive 91/155/EEC and regulations (EC) 1272/2008 (CLP)

Sodium Azide: Non-hazardous when concentration < 0.1%.

3. Hazard Identification

Glycerol (CAS#56-81-5)	
Caution	Avoid contact and inhalation.
Target Organ	Kidneys

NFPA Rating:	
Health Rating	1
Flammability Rating	0
Reactivity Rating	0

4. First Aid Measures

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

5. Fire Fighting Measures

Flash Point	Data not available.
Autoignition temperature	Data not available.
Fire extinguishing media	Water spray, dry chemical, foam, carbon dioxide.
Firefighting	Wear protective clothing and self-contained breathing apparatus to prevent contact with skin and eyes.

6. Accidental Release Measures

Absorb liquid with an absorbent material. Transfer contaminated absorbent to a chemical waste container for disposal.

7. Handling and Storage

Avoid inhalation and contact with eyes and skin. Avoid prolonged or repeated exposure. Store at -20° C (or as otherwise specified on datasheet) in sealed container.

8. Exposure Controls/Personal

Engineering Controls	Maintain adequate ventilation, eye wash and quick drench facilities in work area.
Personal Protective Equipment	Lab coat, chemical resistant gloves and chemical safety.
Occupational exposure Limits	Data not available.

9. Exposure Controls/Personal Protection

Physical State:	Colourless liquid.
Odour	Odourless.
Boiling Point	Data not available.
Melting Point	Data not available.
Volatile Organic Compound	Data not available.
Solubility in Water	Readily miscible in water.

10. Stability and Reactivity

Stability	Stable
Hazardous Decomposition	May form carbon oxides.
Conditions to avoid	Strong oxidizing agents.

11. Toxicological Information

May cause skin irritation. May be toxic if absorbed through skin or ingested. May cause eye irritation. **Target organs:** Kidneys. Prolonged exposure may cause nausea, vomiting and headache.

12. Ecological Information

Data not available.

13. Disposal Considerations

Follow local laws and regulations.

14. Transport Information

D.O.T.	This substance is considered non-hazardous for transport.
IATA	This substance is considered non-hazardous for transport.

15. Regulatory Information

EU Regulation/Classification/Labeling Information: 1272/2008

Chemical Inventory Status	
CWC	Neither banned nor restricted.
REACH	Neither banned nor restricted.
EC No 649/2012	Neither banned nor restricted.

16. Other Information

This compound is sold only for research use by personnel familiar with chemicals and trained professionals with good laboratory practices. This solution is sold only in microliter (µL) quantities for use in science research. No other use is intended, and any other use may involve substantive hazards. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as guide for experienced personnel. St John's Laboratory Ltd shall not be held liable for any danger resulting from the handling of or from contact with the above product. The burden of safe use of this material rests entirely with the user.