

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
<b>1.1 Product Identifier</b>	
Product Name	<b>GENERAL CHEMISTRY CONTROLS</b>
Catalogue Number	GL922, GL932
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	For Professional Use Only. In Vitro Diagnostics. Do not pipette by mouth. Handle in accordance with Good Laboratory Practice.
<b>1.3 Details of the supplier of the safety data sheet</b>	
Company	<b>Glenbio Ltd.</b> 10 Kilbegs Road, Antrim, Co. Antrim, United Kingdom, BT41 4NN
Telephone	+44(0)28 79659842
Fax	+44(0)28 79659842
Email Address	info@glenbio.com
Website	www.glenbio.com
<b>1.4 Emergency Telephone Number</b>	
Emergency Phone Number	+44(0)28 79639204 (GMT, English spoken, Mon - Fri. 09.00-17.00). Your Local Poison Information Centre.

2. HAZARDS IDENTIFICATION	
<b>2.1 Classification of the substance or mixture</b>	Not a hazardous substance or mixture according to Regulation (EC) No. 1272:2008.
<b>2.2 Label Elements</b>	
Pictogram	N/A
Single Word	N/A
Hazard Statements	N/A
Precautionary Statements	N/A
Supplemental Hazard Statements	N/A
<b>2.3 Other Hazards</b>	Biohazard - The serum in this kit is of human origin. This serum has been tested for the HIV (Human Immunodeficiency Virus) Antibody, HBs Ag and HCV and found to be non-reactive. However as no method can offer complete assurance as to the absence of infectious agents. This material and all patient samples should be handled as though capable of transmitting infectious disease and disposed of accordingly.

3. COMPOSITION / INFORMATION ON INGREDIENTS			
3.1 Substances		N/A	
3.2 Mixtures		There are no hazardous components in reportable quantities.	
Component	CAS No.	Concentration	Classification according to Regulation (EC) No. 1272/2008 [CLP]
N/A	N/A	N/A	N/A

4. FIRST AID MEASURES	
4.1 Description of First Aid Measures	
Inhalation	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen and get medical aid.
Skin Contact	Wash the contacted area with soap and water. Remove contaminated clothing and shoes. Get medical aid if irritation develops or persists.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes, lifting the upper and lower eyelids. Seek immediate medical advice.
Ingestion	If victim is conscious and alert, wash out mouth with water. Get medical aid.
4.2 Most important symptoms and effects, both acute and delayed	None determined.
4.3 Indication of any immediate medical attention and special treatment needed	Remove contaminated clothing. Call a trained first aid if available, or contact a physician. Do not leave patient unattended.

5. FIREFIGHTING MEASURES	
5.1 Extinguishing Media	Suitable extinguishing media for surrounding fire.
5.2 Special hazards arising from the substance or mixture	May emit toxic fumes under fire conditions.
5.3 Advice for firefighters	Wear usual recommended protective clothing. Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES	
6.1 Personal Precautions, protective equipment and emergency procedures	Wear Personal Protective Equipment, as indicated.
6.2 Environmental Precautions	Dispose of according to local regulations.
6.3 Methods and materials for containment and cleaning up	Treat material as you would human body fluids. Disposal should, therefore include autoclaving at 121°C for 20 minutes prior to appropriate disposal with regard to local regulations. Alternatively, decontamination using a 0.1% sodium hypochlorite is acceptable. Perform this type of decontamination in a fume hood.

<b>6.4 Reference to other sections</b>	Refer to Sections 8 & 13.
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<b>7. HANDLING AND STORAGE</b>	
<b>7.1 Precautions for safe handling</b>	Follow the general rules of Laboratory Practice. The usual precautions for handling all laboratory reagents must be observed, Refer to the product IFU.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	Store as per stated conditions and avoid temperatures outside recommended storage conditions.
<b>7.3 Specific end users</b>	For In Vitro Diagnostics Use.

<b>8. EXPOSURE CONTROLS &amp; PERSONAL PROTECTION</b>	
<b>8.1 Control parameters</b>	Not determined.
<b>8.2 Exposure Controls</b>	
8.2.1 Engineering Controls	Ensure adequate ventilation.
8.2.2 Personal Protective Equipment	Wear single use latex/natural rubber gloves. Wear a lab coat, appropriate shoes and clothing. Safety glasses are recommended to prevent eye contact.
8.2.3 Environmental Exposure Controls	Follow GLP and usual precautions when working in a lab. Local authorities would be advised if elevated spillages cannot be contained.

<b>9. PHYSICAL &amp; CHEMICAL PROPERTIES</b>	
<b>9.1 Information on basic physical and chemical properties</b>	
Appearance	Lyophilised
Colour	Straw coloured liquid (when reconstituted)
Odour	Odourless
Odour Threshold (ppm)	Not determined
pH	Not determined.
Melting Point / Freezing Point	Not determined
Initial boiling point and boiling range	Not determined
Flash Point (°C)	Not determined
Evaporation Rate	Not determined
Flammability (solid, gas)	Not determined
Upper/Lower flammability or explosive limits	Not determined
Vapour Pressure	Not determined
Relative Density	Not determined

Solubility(ies)	Not determined
Partition Coefficient: (n-octanol/water)	Not determined
Auto ignition temperature (°C)	Not determined
Decomposition temperature (°C)	Not determined
Viscosity (mPa.s)	Not determined
Explosive Properties	Not determined
Oxidising Properties	Not determined
<b>9.2 Other information</b>	No data available

<b>10. STABILITY &amp; REACTIVITY</b>	
<b>10.1 Reactivity</b>	No dangerous reaction known under conditions of normal use.
<b>10.2 Chemical Stability</b>	Stable under proper handling and storage conditions. Refer to product IFU.
<b>10.3 Possibility of hazardous reactions</b>	Not determined
<b>10.4 Conditions to avoid</b>	No data available.
<b>10.5 Incompatible materials</b>	Strong oxidizing agents and acids
<b>10.6 Hazardous decomposition products</b>	Not determined

<b>11. TOXICOLOGY INFORMATION</b>	
<b>11.1 Information on toxicology effects</b>	
Acute toxicity	No data available
Skin corrosion / Skin irritation	No data available
Serious eye damage / eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity (STOT)-single exposure	No data available
Specific target organ toxicity (STOT)-repeated exposure	No data available
Aspiration hazard	No data available
<b>Additional information</b>	The serum in this kit is of human origin. See section 2.3.

<b>12. ECOLOGICAL INFORMATION</b>	
<b>12.1 Toxicity</b>	Not determined
<b>12.2 Persistence and degradability</b>	Not determined
<b>12.3 Bioaccumulative potential</b>	Not determined
<b>12.4 Mobility in soil</b>	Not determined
<b>12.5 Results of PBT (Persistent, Bioaccumulative and Toxic) and vPvB (very Persistent and very Bioaccumulative) assessment</b>	Not determined
<b>12.6 Other adverse effects</b>	Not determined

<b>13. DISPOSAL CONSIDERATIONS</b>	
<b>13.1 Waste Treatment Methods</b>	Treat material as you would human body fluids. Disposal should, therefore include autoclaving at 121°C for 20 minutes prior to appropriate disposal with regard to local regulations. Alternatively, decontamination using a 0.1% sodium hypochlorite is acceptable. Perform this type of decontamination in a fume hood.
<b>Additional Information</b>	Not applicable

<b>14. TRANSPORT INFORMATION</b>	
<b>14.1 UN Number</b>	N/A
<b>14.2 UN Proper Shipping Name</b>	Not determined
<b>14.3 Transport Hazard Class(es)</b>	N/A
<b>14.4 Packing Group</b>	N/A
<b>14.5 Environmental Hazards</b>	Not determined
<b>14.6 Special Precautions for user</b>	See Section 7
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	N/A
Remarks	N/A

<b>15. REGULATORY INFORMATION</b>	
<b>15.1 Safety, Health and Environmental Regulations / Legislation specific for the substance or mixture</b>	This safety data sheet complies with the requirements of EU Regulations 1907/2006 (REACH), 1272/2008 (CLP) and 453/2010.
<b>15.2 Chemical Safety Assessment</b>	A chemical safety assessment was not carried out for this product.

**16. OTHER INFORMATION**

The information provided herein is believed to be correct as of the date hereof but does not purport to be all-inclusive and shall be used only as a guide. The information present in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. The recipient of our products is responsible for observing any National Laws and guidelines applicable.

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