

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1 Product Identifier	
Product Name	CYSTATIN C Reagent
Catalogue Number	GL1103CC, GL1104CC, GLAU1103, GLUD1103
1.2 Relevant identified uses of the substance or mixture and uses advised against	For Professional Use Only. In Vitro Diagnostics. Do not pipette by mouth. Handle in accordance with Good Laboratory Practice.
1.3 Details of the supplier of the safety data sheet	
Company	Glenbio Ltd. 10 Kilbegs Road, Antrim, Co. Antrim, BT411 4NN, United Kingdom
Telephone	+44(0)28 79659842
Fax	+44(0)28 79659842
Email Address	info@glenbio.com
Website	www.glenbio.com
1.4 Emergency Telephone Number	
Emergency Phone Number	+44(0)28 79639204 (GMT, English spoken, Mon - Fri. 09.00-17.00). Your Local Poison Information Centre.

2. HAZARDS IDENTIFICATION	
2.1 Classification of the substance or mixture	Not a hazardous substance or mixture according to Regulation (EC) No. 1272:2008.
2.2 Label Elements	
Pictogram	N/A
Single Word	N/A
Hazard Statements	N/A
Precautionary Statements	N/A
Supplemental Hazard Statements	N/A
2.3 Other Hazards	N/A

3. COMPOSITION / INFORMATION ON INGREDIENTS			
3.1 Substances		N/A	
3.2 Mixtures		Liquid containing organic and inorganic compounds.	
Component	CAS No.	Concentration	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium Azide	26628-22-8	< 0.1 %	Acute Tox. 2, H300 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

4. FIRST AID MEASURES	
4.1 Description of First Aid Measures	
Inhalation	Remove to fresh air.
Skin Contact	Remove contaminated clothing / shoes. Then wash off skin thoroughly with soap and water. Seek medical attention.
Eye Contact	Wash under gently running water for at least 15 minutes or longer, making sure the eyelids are held open. Seek medical attention.
Ingestion	Wash out mouth thoroughly with water. Drink plenty of water. In severe cases of if feeling unwell, seek medical attention.
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	In the case of a fire, use extinguishing media suitable for materials stored in immediate vicinity. Water spray or regular foam, CO ₂ , dry powder can be used as the extinguish medium.
5.2 Special hazards arising from the substance or mixture	None determined.
5.3 Advice for firefighters	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES	
6.1 Personal Precautions, protective equipment and emergency procedures	Wear Personal Protective Equipment, as indicated. Ensure adequate ventilation.
6.2 Environmental Precautions	Dispose of according to local regulations. Local authorities should be advised if elevated spillages cannot be contained. Do not let the product enter drainage system, surface and ground-water or soil.
6.3 Methods and materials for containment and cleaning up	As a precautionary measure, treat spilled material with a 1:10 bleach/water solution. Absorb liquid and place in container suitable for disposal. Avoid generation of aerosols during clean up. Comply with applicable waste disposal regulations.
6.4 Reference to other sections	Refer to Sections 8 & 13.

7. HANDLING AND STORAGE	
7.1 Precautions for safe handling	Follow the general rules of Laboratory Practice. Avoid inhalation and avoid contact with eyes, skin and clothing. Wash hands with soap and water after use. Refer to product IFU.
7.2 Conditions for safe storage, including any incompatibilities	Store in primary container. Keep well closed, avoid direct sunlight and temperature outside recommended storage conditions.
7.3 Specific end users	For In Vitro Diagnostics Use.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION	
8.1 Control parameters	Not determined.
8.2 Exposure Controls	
8.2.1 Engineering Controls	Not determined.
8.2.2 Personal Protective Equipment	Wear single use impervious, 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	Local authorities would be advised if elevated spillages cannot be contained.

9. PHYSICAL & CHEMICAL PROPERTIES	
9.1 Information on basic physical and chemical properties	
Appearance	Liquid
Colour	R1: Slightly Yellow Liquid R2: White Liquid
Odour	Not determined
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)	Solvable
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
9.2 Other information	No data available

10. STABILITY & REACTIVITY	
10.1 Reactivity	No dangerous reaction known under conditions of normal use.
10.2 Chemical Stability	Stable under proper handling and storage conditions. Refer to product IFU.

10.3 Possibility of hazardous reactions	Not determined.
10.4 Conditions to avoid	The product is stable in conditions provided by the manufacturer. Avoid light, heat, shock or vibration, Contact with lead and acid.
10.5 Incompatible materials	Sodium azide forms explosive compounds with heavy metals. Repeated contact of low concentrations of azide with lead and copper commonly found in plumbing drains may result in the build-up of shock sensitive compounds.
10.6 Hazardous decomposition products	Not determined.

11. TOXICOLOGY INFORMATION	
11.1 Information on toxicology effects	
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
Additional information	No data available

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

13. DISPOSAL CONSIDERATIONS	
13.1 Waste Treatment Methods	Waste and/or unused products must be disposed of in compliance with local regulations. Contact the relevant local authority for more information on the applicable requirements. Dispose of in compliance with local regulations. Contaminated packaging must be disposed of the same way as waste product.
Additional Information	Not applicable

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

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

16. OTHER INFORMATION	
<p>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.</p>	
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