

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1 Product Identifier	
Product Name	Zinc Reagent
Catalogue Number	GLAU505, GL535Z, GL545Z, GLM505
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			
Component	CAS No.	Concentration	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Triton-X 100	9002-93-1	1 %	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319

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.
Eye Contact	Irrigate with plenty of clean water, if discomfort persists, 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	No Restrictions.
5.2 Special hazards arising from the substance or mixture	Emits toxic fumes under fire conditions.
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 self-contained breathing apparatus, rubber boots and heavy rubber gloves.
6.2 Environmental Precautions	Dispose of according to local regulations. Local authorities should be advised if elevated spillages cannot be contained.
6.3 Methods and materials for containment and cleaning up	If local regulations permit, mop up with plenty of water and run to waste diluting greatly with running water. Otherwise, transfer to container and arrange removal by a disposal company. Wash site spillage thoroughly with detergent and water. For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. If material has entered surface drains it may be necessary to inform local authorities, including fire services if flammable.

6.4 Reference to other sections	Refer to Sections 8 & 13.
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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. 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	Contains no substances in concentrations with occupational exposure limit values.
8.2 Exposure Controls	
8.2.1 Engineering Controls	Safety shower and eye bath. Mechanical exhaust required.
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	Orange
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)	Fully miscible with water
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	The possibility of reaction with other substances cannot be excluded.
10.4 Conditions to avoid	Avoid combustible substances, metals and bases.
10.5 Incompatible materials	No data available.
10.6 Hazardous decomposition products	No such products are formed during the shelf life of the product, under normal storage and handling conditions.

11. TOXICOLOGY INFORMATION	
11.1 Information on toxicology effects	
Acute toxicity	No data available
Skin corrosion / Skin irritation	May be irritation at site of contact
Serious eye damage / eye irritation	May be irritation at site of contact
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

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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