

Science Practical Risk Assessment

School of Maths & Science	Practical Activity Title	Immobilised Enzymes (MAS_SP_0016_immobilised_enzymes)		Risk Assessment No. MAS_RA_0016_immobilised_enzymes	
Location	Biology Lab. NB124			Revision level: 1	
Assessment Performed By	Dr. Diana Wassell	Signature:		Date:	23 June 2009
Supported By	Gareth John	Signature:		Date:	23 June 2009
Approved By	Kelly Gay (H.o.S.)	Signature:		Date:	23 June 2009
Date of Re-assessment (if necessary)	Re-assess if any changes to procedure or equipment / chemicals are made.				

HAZARDS TO BE CONSIDERED	WHO MIGHT BE HARMED?	IS THE RISK ADEQUATELY CONTROLLED?	WHAT FURTHER ACTION IS NECESSARY TO CONTROL THE RISK?
1. Slipping / Tripping	Staff		
2. Fire	Students		
3. Chemicals / drugs			
4. Moving parts of machinery			
5. Pressure systems		<i>Please complete overleaf</i>	<i>Please complete overleaf</i>
6. Electricity			
7. Dust			
8. Fumes			
9. Manual Handling			
10. Noise			
11. Lighting			
12. Computers			
13. Any other hazards			

(Please refer to Risk Assessment Matrix to indicate how Severity and Likelihood combine to produce a Risk score)
Likelihood x Severity = Risk Score, = Low, Medium or High risk

Type & Source Of Hazard	Nature Of The Risk	Type Of Activity In Which Risks May Arise	Control Measures	Risk Rating			L M H	Any Further Control Measures Required
				L	S	R		
Bags & coats	Trip Hazard	Any activity which involves movement around the laboratory	Place all bags & coats etc in lockers provided	1	1	1	L	
Liquids (water & food dye)	Eye injuries	Possible splashes to the eyes when pipetting / transferring liquids.	The wearing of safety goggles is mandatory during practical activities in the laboratory	1	1	1	L	
Clinistix	Tip of stick contains a minute amount of known carcinogen	Testing samples for glucose	Students instructed not to touch tip of Clinistix.	2	1	2	L	
Sodium Alginate	Splashes to skin and eyes	Possible splashes when pipetting liquids	The wearing of safety goggles is mandatory during practical activities in the laboratory. Chemical is listed as low hazard at the strength used. Any splashes to skin / eyes should be washed off immediately.	1	2	2	L	
Calcium Chloride	Splashes to skin and eyes	Possible splashes when pipetting liquids	The wearing of safety goggles is mandatory during practical activities in the laboratory. Chemical is listed as low hazard at the strength used. Any splashes to skin / eyes should be washed off immediately.	1	2	2	L	

INDICATE WHAT FIRST AID ARRANGEMENTS ARE IN PLACE

A science technician (qualified first aid at work) shall be present during all science practical lessons.
First aid kit available in all science prep rooms (Physics NB232, Chemistry NB237B & Biology NB124A).

Assessment performed by : (Please Print Name)	Dr. Diana Wassell	Position :	Biology / Human Biology Lecturer
Date of Assessment :	23 June 2009		
Signed :			

ACTION LIST RECOMMENDATIONS	Risk Rating			L M H	TO BE ACTIONED BY	DATE ACTION COMPLETED	SIGNATURE
	L	S	R				