# Loughborough University



## **Safety Documentation**

Please select the forms you red You can select more than one.	quire by selecting the check box	es below.			
Method Statement	Risk Assessment	✓ Chemicals COSHH			
Once you have made your selections	s, scroll down and complete the forms.				
<b>Buttons</b> : [+] will add a row to a list [X] will delete a row from a list					
You may save this file to a local drive at any time. When you have finished, save the file to a local drive and email it to your supervisor for authorisation.					
<u>Supervisors</u> - There is a sign-off section at the end of the document set that must be completed.					
Staff may "self authorise", (as a su	pervisor), but the forms must still be	submitted to the DSO for approval.			

#### **IMPORTANT:**

YOU <u>MUST NOT</u> START ANY PRACTICAL WORK UNTIL THESE FORMS HAVE BEEN RETURNED TO YOU WITH **BOTH** YOUR SUPERVISOR'S AND DSO'S APPROVAL SIGNATURES ATTACHED.

Please complete these fields				
School or Service	Wolfson School of Mechanical, Electrical and Manufacturing Engineering			
Department				
Originator name	Dimitris Tampakis			
email address	d.d.tampakis@lboro.ac.uk			
Location	CBE Labs (H23/H24/H25/H34)			
Project / Activity / T	Study of cell proliferation with EdU via flow cytometry			
Supervisor Name				

Version: 2.34

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COSHH Forn	n			Reference	SAF/MEME/	′1985		
Location	CBE Labs	(H23/H24/H25/H34)	Originator Dimitris Tampakis					
Project / Activity / Task	Study of	cell proliferation with EdU via flow cytometry						
CHEMICAL NAME						Hazard Rating		X
EDU (5-ETHYNYL-2' - DEOXYURIDINE)				<b>*</b>	Eyes	High	OVERA RISK	
CAS No. 61135-33-9		Amount Period of used use (hrs)	The process is: Physic	cal State	Skin	Exposure Potential	Low	-
W.E.L. (Itel / stel)		400 mg 0.1	Semi Closed Dense	e Solid	Inhaled Ingested	Low	Low	
This chemical has a high hea	alth risk asso	ciated with it.						
Hazard Sta	itement ai	nd Description	Pre	caution Statem	nent and Desc	cription		+
H340 May cause genetic d	efects.		P201 Obtain special ins	tructions before us	se.			x
H361 Suspected of damaging fertility or the unborn child.		P202 Do not handle until all safety precautions have been read and understood.					x	
P280 Wear protective gloves/protective clothing/eye protection/face protection		tection.	x					
Justify the use of this che	Justify the use of this chemical:							
How will the precaut	ions listed	above be implemented?						
around in the room a	nd especia	cted BSC. PPE will be worn ally pregnant women. Afte or the study of cell prolifer	er dissolving the pow					
Special Storage and Containment Measures Disposal Method			+					
Dissolve and store aliquots in the Fridge, inside the kit that has the hazardous sign  Biological waste (See specific RA)			x					
	spillages be dealt with?  Please note: any material used to clean up a spill of hazardous material must also be disposed of as hazardous material.  Click here to see spill procedures							
Absorbent cloth / tiss	ue and wi	pe multiple times with Eth	anol.					
		+ Ad	ld another chemical					
Statement of work (Process to be undertaken)  Cells will be incubated with the substrate according to the manufacturers' recommendations and then they will be washed and processed for analysis via flow cytometry.  Show image								
Personal protection req	uirements	not covered in the preca	ution statements ab	ove.				
PPE (gloves, glasses, lab	coat)							
Sources of information	and refere	nces	1	Reference to	o <u>existing ap</u>	proved Risk	Assessme	ent
SAFETY DATA SHEET TH	IERMOFISI	HER						
With the current	controls	, the risk of using thes	e chemicals is:	Low				

Supervisor to check that the process involving the safe use of these chemicals has been satisfactorily evaluated

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### Supervisor and Departmental Safety Office (DSO) Sign-off.

### **Supervisors**

Please check the documents above and if you want to approve them:

- 1) Electronically sign this document
- 2) Save it to a local drive (You will be prompted to do this)
- 3) eMail the signed document to the DSO.

#### **DSO**

Please review the documents above and if you want to approve them:

- 1) Enter the reference numbers as appropriate
- 2) Electronically sign this document
- 3) Save it to a local drive (You will be prompted to do this)

3) eMail the signed doc	ument to the originator	o do ts,			
Please do not sign the fo	ANT TO AUTHORISE 1 orm, but click the "Not App nd what you expect them t	oroved" check-box and re			Not Approved
Supervisors Signature					
	For	rm Reference Num	bers		
Risk Assessment		Nethod Statement	Г	COSHH Assessm SAF/MEME/1985	
DSO Signature					
This document set mu  1) After the first occurrence 2) After any change to the	e of the activity described	above (Review only)	following tim	es:	
<ul><li>3) After any incident result</li><li>4) At least annually from th</li></ul>	ing from this activity	•	Nex	t Review:	1 Aug 2024
Review comments					
1					

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