

Safety Documentation

Please select the forms you require by selecting the check boxes below.
You can select more than one.

Method Statement **Risk Assessment** **Chemicals COSHH**

Once you have made your selections, scroll down and complete the forms.

Buttons: [+] will add a row to a list [-] 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.

Supervisors - There is a sign-off section at the end of the document set that must be completed.

Staff may "self authorise", (as a supervisor), but the forms must still be submitted to the DSO for approval.

IMPORTANT:

YOU ***MUST NOT*** 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	CBE
Originator name	Dimitris Tampakis
email address	d.tampakis@lboro.ac.uk
Location	CBE Labs (H24/H25/H34)
Project / Activity / Task	Induction of senescence in culturing cells
Supervisor Name	


COSHH Form

Reference

Location

Originator

Project / Activity / Task

CHEMICAL NAME						Hazard Rating High		OVERALL RISK: Medium
<input type="text" value="Doxorubicin"/>		Amount used	Period of use (hrs)	The process is:	Physical State	<input type="checkbox"/> Eyes <input type="checkbox"/> Skin <input type="checkbox"/> Inhaled <input checked="" type="checkbox"/> Ingested	Exposure Potential Low	
CAS No. <input type="text" value="25316-40-9"/>		<input type="text" value="5"/> <input type="text" value="mg"/>	<input type="text" value="0.1"/>	<input type="text" value="Semi Closed"/>	<input type="text" value="Lyophilised Solid"/>			
W.E.L. (Itel / stel) <input type="text"/>								

This chemical has a high health risk associated with it.

Hazard Statement and Description	Precaution Statement and Description	+
H302 Harmful if swallowed.	P202 Do not handle until all safety precautions have been read and understood.	X
H340 May cause genetic defects.	P264 Wash ... thoroughly after handling.	X
H350 May cause cancer.	P270 Do no eat, drink or smoke when using this product.	X
H360FD May damage fertility. May damage the unborn child.	P280 Wear protective gloves/protective clothing/eye protection/face protection.	X
	P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.	X
	P308 + P313 IF exposed or concerned: Get medical advice/attention.	X
Justify the use of this chemical:	Induce senescence to cells. This chemical is a chemotherapy agent.	
How will the precautions listed above be implemented?		
The work will take place in a ducted BSC. After dissolving the powder, the content will be aliquoted and only tiny amounts (1-2ul) will be used for the induction of senescence to cell types.		
Special Storage and Containment Measures	Disposal Method	+
Dissolve in DMSO and store aliquots in -20C.	Biological waste (See specific RA)	X
How will spillages be dealt with?	<i>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</i>	
Absorbent cloth / tissue		

[+ Add another chemical](#)

Statement of work (Process to be undertaken)

[Show image](#)

Personal protection requirements not covered in the precaution statements above.

PPE

Sources of information and references

Reference to **existing approved** Risk Assessment

With the current controls, the risk of using these chemicals is: **Medium**

COSHH Form (Continued)

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

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 document to the originator

IF YOU DO NOT WANT TO AUTHORISE THE FORMS,

Please do not sign the form, but click the "Not Approved" check-box and return it to the originator by email stating why and what you expect them to do to put it right in the comments box below.

Not Approved

Supervisors Signature

Form Reference Numbers

Risk Assessment

Method Statement

COSHH Assessment

SAF/MEME/1931

DSO Signature

This document set must be reviewed and re-approved at the following times:

- 1) After the first occurrence of the activity described above (Review only)
- 2) After any change to the procedure or reagents used
- 3) After any incident resulting from this activity
- 4) At least annually from the date of approval

Next Review:

25 Apr 2024

Review comments