

University of Oxford COSHH Assessment Form

Read the notes on completion before attempting to fill in this form. If insufficient space is available under any section, use a separate piece of paper and attach it to the form.

File ref: TDI-029-COSHH
Date: Sept 2013

Department: NDM, TDI	Persons involved: All Laboratory Staff
Location of work:	Laboratories

Description of procedure: Mainly used in Tissue Culture.

Substances used	Quantities used	Frequency of use	Hazards identified	Exposure route
Dulbecco's Modified Eagle's Medium RPMI Medium	In 500ml volumes	Daily-weekly	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008 Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.	None

Could a less hazardous substance (or form of the substance) be used instead? ~~Yes~~/No
Justify not using it:

What measures have you taken to control risk?

Engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before taking any breaks and at the end of the work day. Avoid contact with skin and eyes, avoid inhalation of vapours or mist. Keep away from sources of ignition – No smoking. Take measures to prevent the build-up of electrostatic charge.

PPE: Wear suitable protective gloves/eye protection/face protection. Wear lab coat and handle in a fume hood.

Management measures: Store at 4°C, keep container tightly closed in a dry well ventilated place. Open containers must be carefully resealed and kept upright to prevent leakage.

Most important symptoms and effects, both acute and delayed: None

Accidental release measures: Use PPE; avoid breathing vapours/mist/gas. Ensure adequate ventilation, remove all sources of ignition, and evacuate personnel to safe areas.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Contain spillage, collect with an electrically protected vacuum cleaner or by wet brushing and place in a container for disposal according to local regulations. Do not let enter drains.

Checks on control measures:

Is health surveillance required? No	Training requirements: None
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Emergency procedures:

General advice: Consult a physician, show MSDS

If inhaled: Move person to fresh air, if not breathing give artificial respiration, consult a physician

In case of skin contact: Wash off with soap and plenty of water. Consult a physician.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes as a precaution

If swallowed: DO NOT induce vomiting. Never give anything by mouth to an unconscious person, rinse mouth out with water and consult a physician.

Fire fighting measures: Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture: None

Advice for Fire fighters: Wear self-contained breathing apparatus where possible

Other info: use water spray to cool other unopened containers

Waste disposal:

Disposal: Dispose of any un-used media down the drains, used spent media should be decontaminated using Virkon and then disposed of to drains.

Name and position of assessor: Andrea Keepence-Keyte, TDI lab manager

Signature:

Name of supervisor (student work only):

Signature:

Name of head of department or nominee:

Signature: