

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: Mitomycin C
COSHH
Date: May 2016

Department: NDM,
NDMRB

Persons involved: All NDMRB Laboratory Staff

Location of work:
NDMRB Laboratories

Description of procedure: Tissue Culture reagent

Substances used	Quantities used	Frequency of use	Hazards identified	Exposure route
Mitomycin C CAS-No. 50-07-7	1mg powdered stock, reconstituted at 1mg/ml, in use at 10ug/ml	Weekly, As required	Health Hazard and Irritant	Ingestion, contact with skin and eyes,

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 breaks and at the end of workday.

PPE: Gloves, lab coat and safety glasses to be worn at all times.

Management measures: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature 2 - 8 °C

Most important symptoms and effects, both acute and delayed:

This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification. (Mitomycin C) IARC: 2B - Group 2B: Possibly carcinogenic to humans (Mitomycin C)

Accidental release measures: Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Checks on control measures:

Is health surveillance required? No

Training requirements: Good Laboratory Practices

Emergency procedures:

General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled If breathed in, move person into 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 Flush eyes with water as a precaution.

If swallowed Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides (NO_x), Hydrogen chloride gas, Sodium oxides

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information No data available

Waste disposal:

Stock pot of reagent must be disposed of via the Safety Office – contact your lab manager to arrange collection.

Name and position of assessor: Tiphaine Bouriez-Jones, Lab Manager

Signature:



Name of supervisor (student work only):

Signature:

Name of head of department or nominee:

Signature: