

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: Optilyse -
COSHH
Date: October 2015

Department: NDM,
NDMRB

Persons involved: All NDMRB Laboratory Staff

Location of work:
NDMRB Laboratories

Description of procedure: Lysing Reagent

Substances used	Quantities used	Frequency of use	Hazards identified	Exposure route
Optilyse C Lysing Solution	Liquid form 1X 25ml	Weekly/as necessary	H302 + H332 Harmful if swallowed or if inhaled H315 Causes skin irritation, effects may be delayed. H317 May cause an allergic skin reaction. H350 May cause cancer	Inhalation; 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:

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

Management measures: Use good laboratory procedures; avoid eye and skin contact

Most important symptoms and effects, both acute and delayed: central nervous system depression with headache, dizziness, nausea and unconsciousness. Skin and eye contact may cause irritation or burns. Corrosive effects may be delayed. May cause sensitization by skin contact. Carcinogen.

Accidental release measures: Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Methods and materials for containment and cleaning up Absorb spilled material with an appropriate inert, non-flammable absorbent and dispose according to local regulations.

Environmental precautions Contain spill to prevent migration.

Checks on control measures:

Is health surveillance required? No

Training requirements: None

Emergency procedures:

Inhalation If product is inhaled, move exposed individual to fresh air. If individual is not breathing, begin artificial respiration immediately and obtain medical attention.

Eye Contact If product enters eyes, wash eyes gently under running water for 15 minutes or longer, making sure that the eyelids are held open. If pain or irritation occur, obtain medical attention.

Skin Contact In case of skin contact, flush with copious amounts of water for at least 15 minutes. If pain or irritation occur, obtain medical attention.

Ingestion If ingested, wash mouth out with water. If irritation or discomfort occurs, seek medical attention.

Suitable extinguishing media

Use extinguishing media suitable for surrounding fire.

Special hazards arising from the substance or mixture

Carbon monoxide Carbon dioxide

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

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: