

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-063-COSHH
Date: May 2015

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

Description of procedure: General Lab reagent

Substances used	Quantities used	Frequency of use	Hazards identified	Exposure route
Imidazole CAS No: 288-32-4	1kg	Daily/Weekly	Harmful if swallowed. Causes severe skin burns and eye damage. May damage the unborn child..	Eyes, skin, mucous membranes, upper respiratory tract

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: Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition - No smoking. Keep away from heat and sources of ignition. Normal measures for preventive fire protection.

PPE: Wear suitable protective gloves/eye protection/face protection. Wear lab coat and handle in a fume hood. Not to be handled by pregnant women

Management measures: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature: Ambient, hygroscopic Light sensitive.

Accidental release measures: Use personal protective equipment. 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.

Checks on control measures:

Is health surveillance required? No	Training requirements: None
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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

Take off contaminated clothing and shoes immediately. 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 and consult a physician.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

Special hazards arising from the substance or mixture: Carbon oxides, Nitrogen oxides (NOx), Hydrogen cyanide (hydrocyanic acid)

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 waste via the safety office, refer to local SOP and RA

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: