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-078-COSHH** **Date: June 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
N-Ethyldiisopropylamine solution	500ml	Daily/Weekly	Flammable liquid and vapour. Toxic if swallowed. Causes severe skin burns and eye damage. May cause respiratory irritation. May damage the unborn child. Harmful to aquatic life with long lasting effects.	Eyes, mucous membranes, upper respiratory tract, skin

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 exposure - obtain special instructions before use. Avoid contact with skin and eyes. Avoid inhalation of vapour 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 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. hygroscopic Light sensitive. Store under inert gas. Sensitive to carbon dioxide

Accidental release measures: Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations. Discharge into the environment must be avoided

Checks on control measures:

Is health surveillance required? No	Training requirements: None

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 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:
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 (NOx)

Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

Further information
Use water spray to cool 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: