

# 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-041-COSHH  
Date: April 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   |
|--|--------------------|------------------|---|------------------|
| Ammonium Bicarbonate<br>CAS no 1066-33-7 | A range of amounts | Weekly           | Harmful if swallowed.<br>Harmful to aquatic life with long lasting effects. | Digestive system |

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: Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition.

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

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.

Most important symptoms and effects, both acute and delayed: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Accidental release measures: Use PPE; Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

## Environmental precautions

Prevent further leakage or spillage if safe to do so. Contain spillage. Do not let enter drains. 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 MSDS

**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..

Fire fighting 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)

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

Other info: use water spray to cool other unopened containers

Waste disposal:

Disposal: Disposal must be arranged with the Lab manager who will arrange for collection via the safety office

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: