



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: 0003

Date: 01/10/2018

Department:
BioEscalator
Innovation Building

Persons involved: Users – Lab Manager & Lab Technician & Tenants & Licensee's

Location of work:
BioE Level 0 & 1

Description of procedure: Wiping out the biosafety cabinets and spraying/wiping objects going into the biosafety cabinets. To clean the measurement window & mirror on the sample arm of the Nanophotometer NP80. To clean the GBOX system. To clean the inside of CO2 incubators.

Substances used	Quantities used	Frequency of use	Hazards identified	Exposure route
70% Ethanol	70 ml	weekly	R11 – Highly Flammable.	Skin, eyes, ingestion, inhalation.

Could a less hazardous substance (or form of the substance) be used instead? No

Justify not using it:

No alternative chemical can be used.

What measures have you taken to control risk?

Engineering controls:

Keep container tightly closed.

Keep away from sources of ignition (i.e. heat/sparks/open flame/hot surfaces)

Take precautionary measures against static discharge.

PPE:

Wear lab coat, safety glasses and gloves.

Management measures:

Technician /Tenants/Licensees must be trained when using ethanol.

Checks on control measures:

Visual inspection by laboratory manager or lab technician.

Is health surveillance required? No

Training requirements: Yes

Emergency procedures:

General Advice: When in doubt or if symptoms are observed, get medical advice. If unconscious place in recovery position and seek medical advice. Never give anything by mouth to an unconscious person. Change contaminated, saturated clothing. Do not leave affected person unattended.

Skin contact: Wash off with soap and plenty of water. Remove contaminated, saturated clothing immediately. In case of skin reactions, consult a physician.

Inhalation: Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. In case of respiratory tract irritation, consult a physician.

Eye contact: Rinse immediately with plenty of water for at least 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Protect uninjured eye. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do not induce vomiting. Give nothing to eat or drink.

Waste disposal:

Soak up with inert, non-combustible material. Clean contaminated objects and areas thoroughly. Collect in closed and suitable containers for disposal. Clear spills immediately. Do not allow to enter into surface water or drains. Danger of explosion.

Name and position of assessor: Khwaja Islam

Signature: