



## 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: 0008

Date: 01/10/2018

Department:  
BioEscalator  
Innovation Building

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

Location of work:  
BioE TC Lab 10.26

Description of procedure: Aqua resist protective agent used in water bath and water pan in CO<sub>2</sub> incubator to prevent the growth of algae and bacteria for optimally hygienic working conditions.

Substances used	Quantities used	Frequency of use	Hazards identified	Exposure route
Aqua resist consist of 2-propanol (1-5%), liquid and colour blue.	12 ml	weekly	H225 – highly Flammable liquid. H319 – eye irritation. H336 – narcotic effect.	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 in a cool, well-ventilated place.

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

Take precautionary measures against static discharge.

Keep/store only in original container.

Wash hands before breaks and after work. Avoid contact with skin and eyes.

PPE:

Wear lab coat (suitable protective clothing), safety glasses with side protection (DIN EN 166) and gloves.

Management measures:

Technician /Tenants/Licensees must be trained when using aqua-resit.

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. Spilled products must never be returned to the original container for recycling.

Environmental precautions:

Do not allow to enter into surface water or drains. Discharge into the environment must be avoided. Ensure waste is collected and contained.

Name and position of assessor: Khwaja Islam

Signature: