



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: 0006

Date: 01/10/2018

Department:
BioEscalator
Innovation Building

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

Location of work:
BioE Level 0

Description of procedure: Disinfecting Reagent

Substances used	Quantities used	Frequency of use	Hazards identified	Exposure route
Virkon	Powdered form, Tablet form and liquid spray bottle at 1%	Daily	Irritating to eyes and skin. H315-causes skin irritation. H318-causes serious eye damage. H412-harmful to aquatic life with long lasting effects. EUH208-contains may produce an allergic reaction.	Inhalation; Ingestion; contact with skin and eyes

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:

Handling: Avoid generation of dusts. Do not breathe dust. Change contaminated clothing. Wash hands after working with substances.

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

Storage: store at room temperature (15°C to 25°C). Keep well closed and protected from direct sunlight and moisture. Store away from combustible materials.

Management measures:

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

Accidental release measures: Wear PPE. Avoid generation of dusts. Carefully take up dry. Dispose accordingly to local waste disposal policy. Clean up affected area with water.

Checks on control measures:

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.

Fire-fighting measures:

Special risks: Not combustible. May enhance the combustion of other materials. May evolve toxic fumes in air. (Sulphur oxides).

Suitable extinguishing media: water spray or foam or CO₂. Do not stay in dangerous zone without respiratory protective equipment.

Waste disposal:

Suspension containing diluted concentration of Virkon should be disposed of through the sink with copious amount of water.

Rinse out empty containers thoroughly before returning for recycling.

Name and position of assessor: Khwaja Islam

Signature: