



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: 0010

Date: 04/04/2019

Department:
BioEscalator
Innovation Building

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

Location of work:
BioE Level 0

Description of procedure: Detergent

Substances used	Quantities used	Frequency of use	Hazards identified	Exposure route
Trade name : Deconex 36 intensiv-x (Fatty alcohol ethoxylate)	2-10ml/L	Monthly	H320-Irritating to eyes. H318-Causes serious eye damage. Corrosive (GHS05)	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 Deconex 36 intensiv-x.

Accidental release measures:

Personal precautions, protective equipment and emergency procedures – take the precautions customary when handling chemicals.

Environmental precautions – Do not allow to enter into surface water or drains.

Methods and material for containment and cleaning up – absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as to local waste disposal policy.

Personal protection equipment:

Eye/face protection – safety glasses with side protection.

Skin protection: hand protection in full contact – glove material: nitrile rubber layer thickness: 0.4 mm break through time:

>480Min. In splash contact: glove material: nitrile rubber layer thickness: 0.4 mm break through time: >480Min. The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374.

Further information on storage conditions:

Keep only in the original container in a cool, well-ventilated place.

Storage temperature:

Optimal storage temperature 20°C.

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 drink plenty of water and obtain immediate medical attention. Do not induce vomiting.

Fire-fighting measures:

Extinguishing media: The product itself does not burn.

Suitable extinguishing media: water spray jet, foam, extinguishing powder.

Special hazards arising from the substance or mixture hazardous combustion products: fire generates toxic gases.

Advice for firefighters: in case of fire – wear self-contained breathing apparatus.

Waste disposal:

Suspension containing diluted concentration of Deconex 36 intensiv-x should be disposed of through the sink with copious amount of water.

Rinse out empty containers thoroughly before disposing.

Name and position of assessor: Khwaja Islam

Signature: