



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: 0004

Date: 01/10/2018

Department:
BioEscalator
Innovation Building

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

Location of work:
696.10.23/14

Description of procedure: Storage of Ph electrode to prevent the Ph electrode from drying out.

Substances used	Quantities used	Frequency of use	Hazards identified	Exposure route
Potassium Chloride (KCL) 1,2 Benzene dicarboxylic acid (Ready to use electrode storage solution cat no. BP2418-1)	5 ml	Once a Month	Irritant Harmful	Eye and skin contact Ingestion

Could a less hazardous substance (or form of the substance) be used instead? No
Justify not using it:

What measures have you taken to control risk?

Engineering controls:

Ready to use solution purchase to avoid having to weigh out.

PPE:

Always wear lab coat, safety glasses with side-shields (EN 166) and gloves (EN 374)

Management measures:

Students, junior member of staff and visitors must be supervised when using Ph storage solution.

Checks on control measures:

Visual inspection by laboratory manager or lab technician.

Is health surveillance required? No

Training requirements: Yes



Emergency procedures:

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Skin contact: Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

Ingestion: Do not induce vomiting.

Inhalation: Move to fresh air. Get medical attention immediately if symptoms occur. If not breathing, give artificial respiration.

Waste disposal:

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

Name and position of assessor: Khwaja Islam and Lab Manager

Signature: