

## 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: 0001

Date: 16/09/2018

**Department:**

BioEscalator  
Innovation Building

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

**Location of work:**

696-10-26

**Description of procedure:** Cleaning agent used in lab washers for general laboratory glassware.

Substances used	Quantities used	Frequency of use	Hazards identified	Exposure route
Thermoton Cleaner contains: Potassium Hydroxide (<5%) Sodium Metasilicate pentahydrate (<10%)	50 ml	Daily	Corrosive (C)  Causes Burns (34)  Irritating to the respiratory system (37)	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:

**Handling**

Advice on safe handling

Keep container tightly closed.

Use only in well-ventilated areas.

Avoid contact with skin, eyes and clothing.

**Storage**

Requirements for storage rooms and vessels

Keep container tightly closed in a dry and well-ventilated place.

Do not store in aluminium or zinc containers.

**Hints on joint storage**

Incompatible with acids and oxidising agents.

**Further information on storage conditions**

Keep away from food, drinks and animal feeding stuffs

**Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

**General health and safety measures**

Do not breathe vapours.

Wash hands before breaks and immediately after handling the product.

When using do not eat, drink or smoke.

Avoid contact with eyes and skin and clothing.



**PPE:**

Wear lab coat, safety glasses and gloves.

**Management measures:**

Training provided when using thermoton cleaner and routine maintenance of lab washer.

---

**Checks on control measures:**

Regular checks of lab washers and check service contracts in place.

---

Is health surveillance required? No

Training requirements: Yes

**Emergency procedures:**

**Personal precautions**

In case of vapour formation use respirator.

Ensure adequate ventilation.

Wear personal protective clothing.

**Environmental precautions**

Do not allow to enter drains/surface water/ground-water.

**Methods for cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Take up mechanically, placing in appropriate container for disposal.

**First Aid:**

**In case of skin contact**

Wash off immediately with soap and plenty of water.

In case of skin irritation, consult a physician.

**In case of eye contact**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

**In case of ingestion**

Do not induce vomiting.

Rinse mouth with water. Drink plenty of water.

Seek medical advice and show the container or label.

Attention! Danger of suffocation due to foaming ingredients.

**In case of inhalation**

Move affected person into fresh air in case of inhalation of vapour or decomposition products.

If symptoms persist, call a physician.

**Waste disposal:**

Empty bottles should be rinsed with water before discarding.

---

Name and position of assessor:

Signature:

Name of supervisor:

Signature: