



Risk assessment SB/IB-Dishwasher

Produced 2010-05-11 By Riskbedömare 2 Livsvetenskaper
at Riskbedömningar Livsvetenskaper.

Modified 2011-04-07 By Riskbedömare 2 Livsvetenskaper

Final risk assessment of the method

1. Acceptable risk

1. State the premises in which the activity is taking place

Kemi forskarhus 1

Floor Room

Kemi kurshus

Floor Room

Plan 6 6176G Autoclave room 1

2. Description of activity

Cleaning of lab dishes.

3. Products

Product name	Concentration	Form	Quantity	Danger	Comments
Deconex 22 LIQ R34 S26 , S27 , S28.1 , S36/37/39 , S45	Liter	Liquide	22		

Risk phrases

R34 Causes burns.

Safety advice phrases

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S27 Take off immediately all contaminated clothing

S28.1 After contact with skin, wash immediately with plenty of water

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

S45 In case of accident or if you feel unwell, seek medical advise immediately. Show the label where possible

4. Risk category

b: high risk

5. Level of exposure

Low

6. Ventilation

Level of protection 1 - bench

7. Biological material

8. Comments on Biological material

9. Risk codes

C



Corrosive

10. Comments on risk codes

The detergent used in the dishwasher is corrosive. However, the daily user is not in contact with the detergent.

11. Premises

12. Comments on premises

13. Protective signs

14. Comments on protective signs

15. Personal protective equipment

protective glasses , protective gloves , protective clothing

16. Comments on Personal protective equipment

Personal protective equipment such as gloves, safety glasses and lab coat should always be used.

17. Describe the technical equipment

The dishwasher is a desinfectator that cleans with high temperature and detergent.

Special trays and baskets are used depending on what type of dishes that should be cleaned.

Important to use the correct baskets/trays so that glass ware doesn't break. Ask research engineers in case of uncertainty.

Make sure that trays are positioned in the right direction with the water pipe facing the back wall of the dish washer.

Sharp dishes should be positioned in a way so that accidents are avoided.

At least once per day clean the bottom basket where dirt is collected. The basket should be taken out and emptied.

18. Environment

19. Comments on environment

20. Waste management

21. Comments on Waste management

22. Emergency equipment

first aid kit , emergency shower , eye shower , fire-extinguisher water , fire-extinguisher foam , fire-extinguisher carbonic acid , fire blanket , absorbing substance

23. Comments on Emergency equipment

Fire blanket and water extinguisher is found in the student lab corridor. Emergency showers and fire-extinguishers with foam and carbonic acid are placed in several of the labs at floor 6. See separate plan for the labs. Eye-showers on every sink.

First aid kit in corridor and in SysBio lab.

24. Hazardous actions

heating , power failure , other

25. Comments on Hazardous actions

Be aware of the hot parts of the instrument when the program is finished. Hot steam may come out, hot water can be collected in the lab ware.

Instrument parts that are hot may cause burn, pay attention!

If the instrument is defect in some way - turn off the electricity. Do not start a run!

Be careful when placing sharp equipment in the dishwasher. Make sure that they are placed in a way so that damages are avoided when emptying.

First aid kit is placed in the corridor. In case of emergency call 112 (dial 00 first).

In case of fire or other electrical problems always try to switch of the electricity.

Fire-extinguishers are placed in the corridor and water pipe just outside the door towards the student lab.

26. Special instructions to other personel

27. Accidental readiness

28. Final risk assessment of the method

1. Acceptable risk

29. Comments on final risk assessment and additional risk reducing measurements

Acceptable risk as long as the above directions are followed.

**Signature
Supervisor**

Date

Christer Larsson

Date of reassessment: