It is highly recommended that pregnant women avoid working with all processes involving resists. It is your immediate manager /supervisor /course manager’s responsibility to initiate a risk assessment of your work. It can be done by yourself in conjunction with your manager, your safety representative or DTU Work Environment (ABB). There are several types of risks for you as pregnant /nursing, and every aspect must be taken into account in the assessment. For more information see "Pregnancy and Nursing Women – Work Environment " which is available at portalen on the ABB page.

You are not allowed to work with wet chemistry or to enter the service areas outside normal working hours, (mon-friday between 8 pm and 16 pm) if you are alone in the Cleanroom.

"If you have to work with hazardous* chemicals outside normal working hours, you have to be at least 2 persons in the cleanroom. When you pour, mix or transport hazardous* chemicals at least one person must be in the same room as you."

If a User does not comply with Danchip’s regulations, Danchip can deny cleanroom access for a shorter or a longer period and in some cases Danchip can require the user to follow the Safety Course again before the right to access is re-established.

For Danchip staff only: When working with hazardous gases, high current and hazardous Chemicals, there always has to be 2 persons present.

* Hazardous chemicals =

Personal safety

In the Cleanroom

- While working at the wet benches (dipping wafers into the bath) you should always wear a 4H glove on at least one hand, and safety glasses (ordinary glasses are not sufficient) or a faceshield!
- Working in the fume hood: When working with toxic or corrosive chemicals in the fumehood, always wear faceshield or safety glasses (ordinary glasses are not sufficient), apron and 4H gloves on both hands
- Follow the signs in the fumehood, and always work with the sash at chest level (lowest level possible)
- All chemicals must be approved and marked with Danish labels. You can ask for approval and order labels from Majken Becker
- Only one setup at a time in the fumehood, if you need to make a setup while another person is already working there, ask for permission by wet chemistry or a laboratory technicians. And never Work with solvents and *oxidizers at the same time!!

* Always remember to examine the 4H gloves for defects before and after use
* Discard 4H gloves and apron if you get chemicals on them or if you find defects (holes etc).
* Leave the fumehood with the front hatch Down
* It is not allowed to leave Chemical with heat on during the night.
- Always write your name, date and the contents on the laminated sheets which you find by the fumehoods. Tick the appropriate hazard classes.
- Empty and rinse the beakers after use and put them back in place
- Mount the pump on the bottle in the fumehood and remember to rinse it after use
- Always wipe up drops of water or chemicals
- Rinse empty chemical bottles with water in the fume hood. After that you put it on the bottle rinse in the Gowning room and cross out the hazard warnings before you throw it out.
- If the chemical are non soluable in water, please throw the empty bottle out in the solid C waste bin in CX1
- Whilst transporting chemicals, always use a trolley and use a pump when refilling tanks with chemicals (only laboratory technicians or wet chemistry group are allowed to pour chemicals outside the fumehood)
- Inside the fume hoods it is permitted to pour chemicals manually. For more information read APV and manuals for fumehoods in the cleanroom
- Never sit in front of the fume hood when you work there

At all times, when you see the sign with pictograms, follow the instruction on it!!!!!!!!!!

In the workshop and the laboratories on 1. floor in building 346
- Nitrile gloves are used to avoid direct contact with the skin.
- Always use safety glasses when working with chemicals.
- 4H gloves, safety glasses or face shield and apron, are always to be used when working with hazaders chemicals*

* 

In case of an accident.
- Eye rinse bottles can be found hanging on the walls, in clearly marked positions close to where you are working with chemicals.
- Emergency showers are placed near by where you work with chemicals (please notice there position when you enter the cleanroom or lab), in the labs on 2nd floor of building 346 and also by the toilet in room 043.
- In case of chemical spillages larger than 10 x 10 cm and any HF spillages outside of the fume hood please inform a Danchip employee immediately. If this is not possible activate the evacuation alarm.
- First aid boxes can be found at 15m intervals in the corridors outside of the clean room. They are easily identifiable and are labelled with a green background with a cross. They can also be seen clearly marked on the emergency plan.

Chemical disposal
- Hot acid/bases must be cooled below 40°C before you suck it up
- It is permitted to throw out acids and bases in the sink inside the fume hood. Flush with plenty of water afterwards.
- If the solvent is a C-waste (look on the list or in the SDS in kemibrug), it is ok to dispose it in the dedicated bottle. Otherwise it must be collected and placed in a separate bottle in the chemical waste cupboard in the basement, clearly marked with your initials, phone number along with contents and concentration.