

September 2016

Dnr: SU 433-

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Head of Department
Organic Chemistry

Safety Procedures and Regulations

Applies to all laboratory work in the Department of Organic Chemistry at SU

Research supervisors are responsible for ensuring that their own PhD-students, guest researchers, post docs, and undergraduate thesis workers adhere to the Department's safety regulations.

The Chief Lecturer is responsible for informing the students of the Department's safety regulations and to ensure that they are adhered to.

The Head of Department is responsible for informing the technical personnel of the Department's safety regulations and to ensure that they are adhered to.

Fire Alarm (horn). All personnel present in the Department are to leave the building(s) immediately. The meeting point is the lawn outside the south entrance.

The following persons are responsible for ensuring that all personnel are leaving the Department:

North corridor, floor 6 to and including lab. 4 and the pentry: Berit Olofsson, Karl Gustavsson, Tove Slagbrand, Marcus Retti

South corridor, floor 6: Göran Widmalm, Kalman Szabó, Elis Erbing, Hani Mobarak

South corridor, floor 5: Nicklas Selander, Nadia Ilchenko, Henrik Daver

Undergraduate laboratories and other rooms ("KÖL"):

Lecturers/ Assistants.

Ventilation Alarm (Bell); Everyone must leave laboratories. Fume hoods and all doors to the laboratories are to be closed.



Door Alarm (siren); Make alarm if necessary on telephones # 4200, (or 08-164200 or 08-154200).

Work with toxic, incendiary, explosive chemicals and solvents

The Department can apply for official permission for handling of B-listed chemicals.

A-listed chemicals may not be used or be in anyone's possession.

Hydrogenation /hydrogenolysis may be performed after instruction from Jianguo Liu

Risk analysis must be carried out before starting an experiment. Examples can be found in the data base KLARA, in information papers from the chemical's vendor, from MSDS sheets (Materials Safety Data Sheets) from chemical suppliers at internet, etc.

Garbage handling: At every lab you have the information “Waste disposal” ; you can also find the document at the Department’s home page. At the home page you also find the document “kemikalier_i_avlopp” about what you can or cannot dispose of in the sink.

Registry of chemicals and solvents

Each research group (lab.) must register its chemicals and solvents in the database KLARA. An inventory must be carried out once a year (January)

Emergency showers and eye showers

Each research group (lab.) selects one of its members (security inspector) to be responsible for checking that this equipment is in good working order in the laboratories in its use.

The lecturer in charge makes certain that teaching assistants in undergraduate laboratories check that these showers are in good working order before the start of each new laboratory course.

Working alone in the laboratory

This is forbidden. An ongoing experiment may, however be visually checked. Recording of spectra such as NMR, MS and similar activity is, however, permitted.



Closing valves for water and pressurized air are to be found in blue closets on 6V (sixth floor) and in the green closets on 5V (fifth floor).

Electricity centrals are adjacent to the changing-rooms and the pantry.

Speciality gases from the central can be shut off using valves above the door to the laboratory in question or on the adjacent corridor wall. The main valves for argon, helium, nitrogen, and hydrogen are to be found in closet #10 by the GC-room.

Safety goggles (glasses).

It is extremely foolhardy and self-destructive not to wear safety goggles or special safety glasses in the Department's laboratories.