

HSE Rules and Regulations – Organic Chemistry Section

All rules and regulations presented in the Department's HSE manual apply to work in our laboratories: <http://www.mn.uio.no/kjemi/english/about/hse/hse-manual/>

Of special relevance to this section are the following chapters:

- 4. General safety and first aid rules
- 4.3 Waste disposal procedures
- 5 Fire instructions
- 6.1 Proper use of fume hood (SOP for the use of fume hood)
- 6.2 Gas cylinders (SOP for gas cylinders)
- 6.3 SOP for filling and transportation liquid nitrogen
- 6.3 SJA for filling and transportation liquid nitrogen
- 7. General rules for handling chemicals

Included in this folder are the following documents (the content is also available in folders in Ø316 and Ø153)

- 1. Training plan for HSE at the chemistry department - organic chemistry research group
- 2. General risk assessment (SJA) Ms students, PhD students, post docs etc. work in organic chemistry laboratories
- 3. SJA form (to be filled in for experiments not covered by the general SJA for the project)
- 4. SJA for Refilling liquid nitrogen on NMR magnets
- 5. SJA for Refilling liquid helium on NMR magnets
- 6. SOP's
 - 1) SOP: Rotavapors
 - 2) SOP: Flash chromatography (manual)
 - 3) SOP: Flash master
 - 4) SOP: Microwave oven
 - 5) SOP: Solvent purification system
 - 6) SOP: distillation of hexane
 - 7) SOP: distillation of ethyl acetate
 - 8) SOP: distillation of dichloromethane
 - 9) SOP: distillation of toluene
 - 10) "What to do if...?" for all distillation in Ø336
 - 11) SOP: glove box Ø208
 - 12) SOP: High field Nuclear Magnetic Resonance (NMR) instrumentation
 - 13) SOP: filling liquid nitrogen on NMR magnets
 - 14) SOP: filling liquid helium on NMR magnets
 - 15) SOP: Transportation of liquid helium vessel.*
- 7. Documentation concerning magnetic stay fields from Nuclear Magnetic Resonance (NMR) instruments

* SOP: Transportation of liquid nitrogen vessel is found in the Department's HSE manual: <http://www.mn.uio.no/kjemi/english/about/hse/hse-manual/>

8. List of room and floor responsible persons
9. Form for laboratory doors (safety information)