

Chemical Use Checklist

- All chemicals with a hazard symbol (Figure 1) must be bar-coded and entered into the station's chemical inventory
- Chemicals must be labelled with the owners' name, contact info. and disposal date
- Material safety datasheets (MSDS) must be downloaded in Swedish and English and available in the ANS chemistry lab
- Chemicals maybe stored short-term under fume hoods, otherwise they must be stored in one of the designated chemical safety cabinets in the ANS chemistry lab
- Review MSDS before using the chemical, especially noting hazards, and personal protective equipment (PPE) and disposal requirements
- Make sure that if you are using any chemical with a hazard symbol (Figure 1), that you choose a lab with the appropriate facilities, e.g. ventilation, fume hoods, shower, eye washing station, and personal protective equipment.
- Always wear PPE with long pants and closed-toe shoes, i.e. no shorts and sandals
- If you are sharing the lab and using chemicals, the other users must wear the PPE
- Label glassware with contents, owners name and contact information and disposal date
- Cover open-top glassware with para-film to protect against spills
- Never work alone at night or on weekends. In general, it is best practice to always have another person nearby when working with hazardous materials
- Do not dispose of chemicals in sinks or trash
- Always put waste in a glass or plastic bottle with a tight-fitting lid, size appropriate for the volume of waste
- All waste bottles must be labelled with a hazard label available from station staff
- Contact ANS staff to dispose of properly labelled bottles of chemical waste (onsite)
- Never leave glassware filled with waste materials in the dishwashing room, only glassware that has been emptied and rinsed
- Notify ANS or CIRC staff immediately if there is a chemical spill, accident, instruments are broken or in need of repair, and if labs need to be cleaned.
- Always leave enough time at the end of the day to organize your space and clean up
- If you have any questions, please ask station technical staff



Figure 1. Hazardous materials symbols