

Safety Precautions

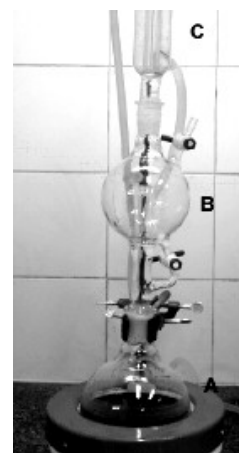
1. It is a must to wear lab coats and safety glasses all the time when you are working. Please don't give reasons saying it is too hot. Safety is the first priority.
2. It is forbidden to work alone in the lab, especially at night.
3. Please dispose the waste chemicals in their respective solvent waste can. Don't throw any chemical in the sink.
4. If you are unsure about something, please stop and ask a senior student; do not resort to experimentation that will put you and others in the lab at risk.
5. Sodium cutting/quenching for THF should be performed inside the hood and make sure that there is no reaction going on in that hood. Please inform your labmates when you are refluxing/collecting THF.
6. No reaction should be done in the workplace; it should be only inside the hood.
7. Listening to music with earphones is forbidden. It is dangerous for you and others. You need to hear, smell and see at all time.
8. Be careful when you are doing reactions like Butyl Lithium, BBr_3 , Grignard and other exothermic reactions. Please make sure you are not alone in the lab when you are performing these reactions.
9. Please don't take matter related to safety casually and follow the safety precautions.

Checklist for the last person leaving the lab

1. Oven and rotary evaporator is switched off.



2. THF heating is switched off and there is proper water circulation.



3. Make sure that all the reactions in the hood are ok and there is no water leakage or temperature shoot-up. The Hood should be on with the glass door pulled down.



4. Close all the windows and make sure that exhaust is switched off.

