



KLU lab safety rules

Be familiar with the following terms and their effects.

FLAMMABLE	They burn.
IRRITANTS	They irritate eyes, lungs and skin.
TOXIC	They are poisonous, effective either the short or long term.
CARCINOGENIC	They cause cancer.
TERATOGENIC	They cause defects in the unborn fetus.
MUTAGENIC	They cause genetic mutations.
EXPLOSIVE	They explode, usually on being mixed with air.
CORROSIVE	They burn the eyes, lungs and skin.

- Always read instructions on the chemicals and reagents first before using them. In case of doubt consult the lab personnel.
- Always wear film badge dosimeters to monitor the level of radiation in an area, and are commonly worn by personnel who work around devices producing gamma and x-rays.
- Dispose chemical/biological waste in appropriate containers.
- Special attention must be given to hazardous chemicals/reagents.
- When a fire alarm should occur, place the chemical and equipment safely to the nearest possible table/bench, exit the building calmly and go to the designated area outside. The instructor/technician should be the last one to leave the room, and should close and lock the door. Remain together as a class. The instructor will check to be

certain that all students have exited the building. Do not wonder away and stay together.

- Report all injuries (cuts, burns) to the laboratory instructor immediately
- Know the location of fire extinguishers and fire blankets.
- Know the emergency evacuation route.
- Wash your hands before you leave the lab!