

EMERGENCIES

These are emergency procedures to be followed in case of an injury or accident in the laboratory. **All injuries must be inspected and attended to by qualified medical personnel after emergency treatment.**

Report any injury or accident to your laboratory instructor immediately. Prepare a safety map of your laboratory and know the location of the eye wash, safety shower, fire blanket, fire extinguishers, fire alarm, and fume hoods.

FIRST AID PROCEDURES

| Accident | First Aid (to be followed by qualified medical assistance) |
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| Eye Injury | Use an eyewash. Hold eye open and flush with running water for 15 minutes. Do not rub the eye. |
| Burns (thermal) | Flush the affected area with cold water until the burning sensation subsides. |
| Fire (clothing) | Wrap individual in fire blanket. Roll on floor. Safety shower may be used to drench flames. |
| Spills on skin | Flush with running water. Remove contaminated clothing. |
| Minor cuts | Rinse with water. Apply clean dressing. |
| Inhalation | Provide fresh air. Loosen clothing. If breathing stops, apply artificial respiration. |
| Poisoning | Note what substance was responsible. Do not induce vomiting If chemical is confined to mouth, give large quantities of water as a mouth wash. Do not swallow mouth wash. If chemical has been swallowed, give about 250 mL of water to dilute in stomach. Move to hospital immediately. |

ACCIDENT PROCEDURES

| Situation | Response |
|------------------|---|
| Fires | Turn off all gas outlets. Unplug all electrical appliances. Evacuate the area closing all doors. Sound local alarms. Use a fire extinguisher. Aim at base of flames, use a side to side sweeping motion. |
| Spills | Move away from area. Contain the spill. Neutralize using a laboratory spill kit. |
| Fumes | Move apparatus to fume hood, if possible. Evacuate the area closing all doors. Move to fresh air. |
