



Bunsen Burner Safety Guidelines:

For the safety and convenience of everyone working in a laboratory, it is important that the following guidelines be observed. In case of a fire, activate the nearest fire alarm pull station, notify all lab personnel, and evacuate the building. Contact your biosafety officer if you would like to use any type of open flame in a biosafety cabinet.

- **Remove** all papers, notebooks, combustible materials and excess chemicals from the area (remember to consider what is stored above your immediate work area).
- **Tie-back** any long hair, dangling jewelry, or loose clothing.
- **Inspect** hose for cracks, holes, pinch points or any defect and ensure that the hose fits securely on the gas valve and the burner.
- **Replace** or trim all hoses found to have a defect before using.
- **Utilize** a sparker/lighter with extended nozzle to ignite the burner. Never use a match to ignite a burner.
- **Adjust** the flame to regulate air flow and produce an appropriate flame for the experiment (typically a medium blue flame).
- **Do not** leave open flames unattended and never leave the laboratory while the burner is on.
- **Shut off** gas when its use is complete.
- **Allow** the burner to cool before handling.

Recommended Products:



- Natural rubber latex tubing – VWR #62995-680 (available for free in Longwood VWR stockroom)



- Bunsen Burner with No-Tip safety base and flame stabilizer - VWR #470121-700