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Dual-Wick Alcohol Burner #42002

Warning:

- **Not a toy; use only in a laboratory or educational setting.**
- **Use precaution when handling any open flame.**
- **May contain lead - do not ingest.**
- **California Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.**



Introduction

This leak-proof alcohol burner is made with a convenient, “wickless” design. In place of a more traditional cloth wick, its wick is housed inside of a looped brass tube. When heated, the brass evaporates some of the alcohol in the tank and draws it into the torch where it keeps a steady, constant flame. Its tank can hold 95ml of alcohol fuel. Also included with the burner is a cap to snuff out the flame and a wind shield to improve ease of use in windy conditions. Use in any lab application that requires a steady flame.

How to Use

1. Fill the reservoir tank of the burner with 95ml of alcohol fuel. We recommend denatured ethyl alcohol with a concentration of 90% or greater. Isopropyl alcohol with a 90% or greater solution will work in a pinch, but it burns dirtier.
2. Line up the downward facing clips on the lid with the notches on the rim of the reservoir and twist the lid clockwise a quarter turn. The burner will now be spill-proof, though fuel will still evaporate over time.
3. Hold a flame up to the copper torch for a few seconds until the torches are lit. It is necessary to “prime” the torch by heating it for a few seconds to draw alcohol into the tube of the torch.

Tips

- The aluminum cap is to snuff out the flame after use. Its seal is not air tight enough to keep fuel from evaporating during storage. **Do not store fuel** in the burner when idle.
- Your alcohol fuel concentration must be **90% or greater**. **Denatured ethyl alcohol** is recommended.
- **Do not leave an open flame unattended.** Keep an extinguisher on standby in case of emergency.

