

## Dual-Wick Alcohol Burner #42002

### Warning:

- **Not a toy; use only in a laboratory or educational setting.**
- **Use precaution when handling any open flame.**
- **California Proposition 65 Warning: This product can expose you to chemicals including nickel and lead, which are known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**



### Introduction

This leak-proof alcohol burner is made with a convenient, “wickless” design. Instead of a 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 constant flame. Its tank can hold 95ml of 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 when you need 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.
- **Base will become hot** from use.