

BSA Policy on the Use of Chemical Fuels

Knowledgeable adult supervision must be provided when Scouts are involved in the storage of chemical fuels, the handling of chemical fuels in the filling of stoves or lanterns, or the lighting of chemical fuels. **The use of liquid fuels for starting any type of fire is prohibited.**

Guidelines for Safely Using Chemical Stoves and Lanterns

1. Use compressed- or liquid-gas stoves or lanterns only with knowledgeable adult supervision and in Scout facilities only where and when permitted.
2. Operate and maintain according to manufacturer's instructions included with the stove or lantern.
3. Both gasoline and kerosene shall be kept in well-marked, approved containers (never in a glass container) and stored in a ventilated, locked box at a safe distance (a minimum of 20 feet) from buildings and tents. Keep all chemical fuel containers away from hot stoves and campfires, and store below 100 degrees (F).
4. Let hot stoves and lanterns cool before changing cylinders of compressed gases or refilling from containers of liquid gas.
5. Refill liquid-gas stoves and lanterns a safe distance from any flames, including other stoves, campfires, and personal smoking substances. A commercial camp stove fuel should be used for safety and performance. Pour through a filter funnel. Recap both the device and the fuel container before igniting.
6. **Never fuel a stove, heater, or lantern inside a cabin; always do this outdoors. Do not operate a stove, lantern, or charcoal grill in an unventilated structure. Provide at least two ventilation openings, one high and one low, to provide oxygen and exhaust for lethal gases. Never fuel (example: all liquid fuels, charcoal. etc.), ignite, or operate a stove, heater, or lantern in a tent.**
7. Place the stove on a level, secure surface before operating. On snow, place insulated support under the stove to prevent melting and tipping.
8. Periodically check fittings on compressed-gas stoves and on pressurized liquid-gas stoves for leakage, using soap solution before lighting.
9. To avoid possible fires, locate gas tanks, stoves, etc., below any tents since heavy leakage of gas will flow downhill the same as water.
10. When lighting a stove, keep fuel containers and extra canisters well away. Do not hover over the stove when lighting it. Keep your head and body to one side. Open the stove valve quickly for two full turns and light carefully, with head, fingers, and hands to the side of the burner. Then adjust down.
11. Do not leave a lighted stove or lantern unattended.
12. Do not overload the stovetop with heavy pots or large frying pans. If pots over 2 quarts are necessary, set up a separate grill with legs to hold the pot, and place the stove under the grill.
13. Bring empty fuel containers home for disposal. Do not place in or near fires. Empty fuel containers will explode if heated and should never be put in fireplaces or with burnable trash.