



Waterproof Butane Lighter

Ultimate Survival Technologies' stormproof lighters are ideal for outdoor activities. Designed for wind and water resistance, they perform well up to an altitude of 8,000 feet (2,438 meters).

#### THIS LIGHTER SHIPPED TO YOU WITHOUT FUEL.

FAA regulates carrying & shipping of butane lighters and fuel on commercial airlines. Please be aware of current regulations before traveling with this lighter.

#### READ BEFORE OPERATING:

#### ⚠ WARNING: KEEP OUT OF REACH OF CHILDREN

**Ignite lighter away from face and clothing. Be sure flame is out after use. When filled, will contain flammable butane gas under pressure as fuel. Never expose to heat above 122°F (50°C) or to prolonged sunlight. Never puncture or put in fire. Extreme heat is present above the visible flame. Extra care should be taken to prevent burn injury or fire and do not keep lit for more than 10 seconds. Do not touch burner to surface being lit. Take care when igniting flame in bright light as flame is difficult to see and flame temperature is very high.**

#### FILLING THE LIGHTER:

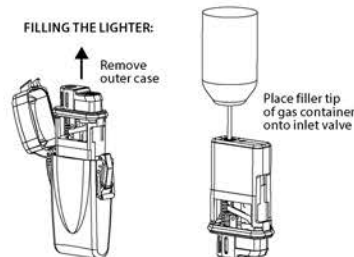
Premium butane or quadruple-refined butane gas fuel is **STRONGLY RECOMMENDED** for trouble-free use.

- Outer case must be removed to access refill valve. Open cap and remove internal mechanism from outer case, grasping firmly while pulling upwards.
- Place filler tip of gas container onto inlet valve and press firmly for a few seconds
- Check fuel level by looking through clear nylon tank
- Fill with gas slowly and do not over fill
- Reinsert internal mechanism into outer case when filling is completed

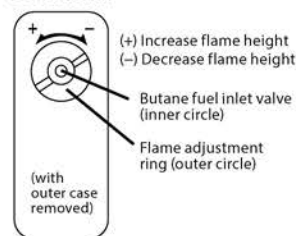
#### FLAME LEVEL ADJUSTMENT:

- To adjust flame level, first remove internal mechanism from outer case. Then use a small flat screwdriver or thumbnail to turn the flame adjustment ring surrounding the inlet valve
  - ☑ Turn the adjustment ring toward the (+) mark to increase the flame
  - ☑ Turn the adjustment ring toward the (-) mark to reduce the flame
- As the lighter is used, pressure in the fuel tank decreases and the flame level may need to be re-adjusted to desired flame height
- Flame level may need to be re-adjusted to accommodate changes in altitude or temperature
  - Ignition conditions may be affected when lighter is used at colder temperatures, or at higher or lower altitudes than normal place of use

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#### BOTTOM VIEW:



#### OPERATING INSTRUCTIONS (CONT.)

##### IGNITION:

- Make sure that lighter and hands are dry before igniting lighter
- Open cap of lighter by pressing on the cap release button
- Press down on the ignition lever firmly with thumb
  - Ignition will only occur when ignition lever is pressed
  - Burner will produce a hissing noise when operating — this noise is normal
  - This lighter features a burner that produces a nearly invisible highly efficient flame. An orange glow is produced inside the burner while also producing a light blue flame that extends from the burner nozzle
- Do not touch or tamper with the burner nozzle or coiled ignition wire inside the burner. Doing so may damage the burner or cause the burner to overheat. Care should be taken not to touch the burner as it may be hot

##### IGNITION TIP:

- Ignition is a two-step process:
  1. Depress ignition lever part way until the fuel flows (hissing sound), then continue depressing to activate Piezo ignition
  2. Depressing lever should be a deliberate action rather than a quick single stroke
- Sequence is Gas—Spark—Ignition. If there is a spark before gas flow, ignition will not occur

##### EXTINGUISHING THE BURNER:

- Remove thumb from ignition lever. This stops fuel flow, which results in flame being extinguished
- Close cap by pressing shut until cap clicks into the closed position
- When lighter has just been filled and flame adjustment is set to the highest flame setting, flame may not extinguish immediately when ignition lever is released. This is caused by extra fuel entering the burner. When this occurs, simply turn the flame adjustment ring towards the (-) mark.

##### HIGH ALTITUDE LIGHTER TIPS:

Premium or quadruple-refined butane fuel is recommended.

- Adjust flame adjustment ring to lean setting (-)
- Keep fuel tank as full as possible
- Store lighter in temperatures above 35° F (1.6° C) inside pocket
- **Not recommended for use above 10,000 feet (3,048 meters)**

##### OPERATING TIP:

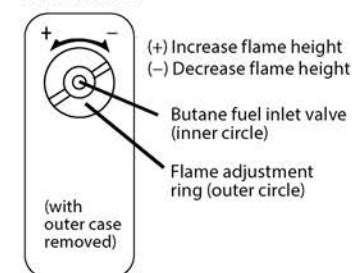
After filling with premium butane gas and before igniting, allow gas temperature to equilibrate with mechanism temperature (gas is much colder) by holding in hand or letting lighter stand for 1-2 minutes.

##### IMPORTANT:

Lighter will **NOT** work underwater. Lighter damage will result if inside mechanism gets wet due to submersion without secure closure. Lighter is used with internal mechanism inside the outer case. Lighter internal mechanism only needs to be removed from outer case for refill and adjustment of flame height.



#### BOTTOM VIEW:



#### Ultimate Survival Technologies Butane Lighters Two-Year Limited Warranty

Ultimate Survival Technologies warrants its butane lighters to be free from defects in material and workmanship for two (2) years from date of purchase. Warranty does not apply to abused products or normal use, wear, and tear.