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SMART FUEL ETHANOL SF001

SMART FUEL ETHANOL Bioethanol Fuel SF001 User Manual

Model: SF001 | Brand: SMART FUEL ETHANOL

1. Introduction

This manual provides essential instructions for the safe and effective use of SMART FUEL ETHANOL Bioethanol Fuel, Model SF001. This product is designed for use in liquid bioethanol fireplaces, stoves, and burners, both indoors and outdoors. It is a clean-burning, sustainable fuel that produces minimal CO2 and water vapor, with no soot, smoke, or strong odor.
Please read this manual thoroughly before using the product to ensure proper handling and to prevent accidents.





Figure 1: SMART FUEL ETHANOL Bioethanol Fuel bottle (1 Liter)

2. Important Safety Information

Your safety is paramount. Failure to follow these instructions can result in serious injury, fire, or property damage. Keep this manual for future reference.

- **Never pour fuel into a lit fire or into a burner that is near a source of ignition** Ensure the flame is completely extinguished before refueling.
- **Never pour fuel onto hot surfaces.** Allow burners to cool for at least 20 minutes, or until cool to the touch, before refilling.
- SMART FUEL ETHANOL contains BITR, a bitterant, to help prevent accidental ingestion by children and small animals. However, keep out of reach of children and pets.
- Use only in well-ventilated areas.
- Store fuel in a cool, dry place, away from direct sunlight and heat sources. Keep the bottle tightly sealed when not in

use.

- In case of accidental ingestion, seek immediate medical attention.
- In case of skin or eye contact, rinse thoroughly with water for several minutes. If irritation persists, seek medical advice.
- Do not use this fuel for purposes other than those specified (bioethanol fireplaces, stoves, and burners).
- Ensure your bioethanol appliance is designed for liquid fuel and follow its manufacturer's instructions.



Figure 2: Safety Pour Technology in the bottle cap, designed to prevent flashbacks.

SMART FUEL ETHANOL bottles are equipped with patent-pending **SAFETYPOUR™ Technology**, featuring a CPSC-compliant Flame Mitigation Device. This device is designed to provide the safest possible flash-free transfer of fuel from the bottle into the fireplace tank, preventing accidental flashbacks during pouring.

3. Setup and Preparation

1. **Unpack:** Carefully remove the SMART FUEL ETHANOL bottle from its packaging.
2. **Inspect:** Check the bottle for any signs of damage or leakage. Do not use if the bottle is compromised.
3. **Ventilation:** Ensure the area where you intend to use the fuel is adequately ventilated.
4. **Cool Burner:** Confirm that your bioethanol fireplace, stove, or burner is completely cool to the touch before proceeding.
5. **Open Bottle:** Place the bottle on a stable, flat surface. Twist the cap counter-clockwise to open. The SAFETYPOUR™ mechanism is integrated into the bottle neck.

4. Operating Instructions

1. **Position:** Place the SMART FUEL ETHANOL bottle directly over the fuel reservoir of your bioethanol appliance.

2. **Pour:** Slowly and steadily pour the fuel into the designated reservoir. The SAFETYPOUR™ mechanism will regulate the flow to prevent splashes and flashbacks. Do not overfill the reservoir; refer to your appliance's manual for maximum fill levels.
3. **Close Bottle:** Once the desired amount of fuel is dispensed, close the bottle tightly by twisting the cap clockwise.
4. **Clean Spills:** Immediately wipe up any spilled fuel with an absorbent cloth. Ensure the area is dry before ignition.
5. **Ignite:** Using a long lighter or match, carefully ignite the fuel in the reservoir. Stand at a safe distance.
6. **Enjoy:** The fuel will burn with a clean, pure flame, producing no residue, smoke, or strong smell.
7. **Extinguish:** To extinguish the flame, use the designated extinguishing tool provided with your bioethanol appliance. Never use water to extinguish the flame.



Figure 3: Example of a clean-burning flame from SMART FUEL ETHANOL.

5. Storage and Maintenance

- **Storage:** Store SMART FUEL ETHANOL in its original, tightly sealed container in a cool, dry, and well-ventilated area. Keep away from direct sunlight, heat sources, open flames, and any potential ignition sources.
- **Child Safety:** Always store out of reach of children and pets.
- **Spill Management:** In case of a spill, immediately ventilate the area. Absorb the spilled fuel with an inert material (e.g., sand, vermiculite, earth, or diatomaceous earth). Dispose of contaminated material according to local regulations.
- **Disposal:** Dispose of empty containers and any unused fuel according to local environmental regulations. Do not pour down drains or into the environment.

6. Troubleshooting

Problem	Possible Cause	Solution
Fuel does not ignite.	◦ Insufficient fuel in reservoir. ◦ Ignition source not applied correctly or long enough. ◦ Burner is wet or contaminated.	◦ Add more fuel, ensuring it does not exceed the maximum fill line. ◦ Apply a long lighter or match directly to the fuel surface for several seconds. ◦ Ensure the burner is clean and dry before adding fuel.
Flame is weak or inconsistent.	◦ Low fuel level. ◦ Poor ventilation.	◦ Refill the reservoir (only when cool). ◦ Ensure adequate airflow in the room.
Smoke or strong odor detected.	◦ Contamination in the burner. ◦ Using incorrect fuel type.	◦ Extinguish the flame, allow to cool, clean the burner thoroughly. ◦ Ensure you are using only SMART FUEL ETHANOL Bioethanol Fuel.

7. Product Specifications

Brand	SMART FUEL ETHANOL
Model Name	SF001
Power Source	Ethanol (Liquid Bioethanol Fuel)
Product Dimensions (Bottle)	12"D x 3.3"W x 3.3"H
Finish Type	Clear
Color	Clear
Burner Type	Ethanol
UPC	610370350911
Manufacturer	SMART FUEL
Item Weight	1.83 pounds
ASIN	B0BKR5DCSM
Date First Available	September 26, 2022

Note: Some specifications provided in the product listing, such as "Installation Type" and "Shape," describe the bioethanol appliance itself rather than the fuel. This manual pertains specifically to the SMART FUEL ETHANOL Bioethanol Fuel.



Figure 4: SMART FUEL ETHANOL provides sustainable flames for various applications.

8. Warranty and Support

8.1. Warranty Information

This SMART FUEL ETHANOL product comes with a**Limited Warranty**. For specific details regarding the terms and conditions of this warranty, please refer to the manufacturer's official website or contact customer support.

8.2. Customer Support

For any questions, concerns, or assistance regarding SMART FUEL ETHANOL Bioethanol Fuel, please contact the manufacturer directly. Contact information can typically be found on the product packaging or the official SMART FUEL ETHANOL website.
You can also visit the SMART FUEL ETHANOL Store on Amazon for more product information and updates.

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