

# NATIONAL FIRE FIGHTER CORP. – DRIP TORCH No. DT100

## CAUTION

BACKFIRING EQUIPMENT SHOULD BE USED BY TRAINED, EXPERIENCED PERSONNEL ONLY. PRECAUTIONS SHOULD BE TAKEN TO PREVENT DANGER TO YOURSELF AND OTHERS. A MEANS OF ESCAPE SHOULD ALWAYS BE LOCATED BEFORE SETTING FIRES WHERE RAPID SPREAD MAY PROVE HAZARDOUS TO YOURSELF OR OTHERS. ALL PETROLEUM PRODUCTS SHOULD BE HANDLED WITH THE SAME PRECAUTIONS AS WHEN WORKING WITH GASOLINE. KEEP TORCH IN GOOD WORKING CONDITION, MAKE SURE ALL CONNECTIONS ARE TIGHT, INSPECT ON A REGULAR BASIS AND REPLACE ANY DAMAGED PARTS WITH ORIGINAL REPLACEMENT PARTS ONLY.

## INSTRUCTIONS FOR USE

1. Prepare Special Fuel Mixture by adding kerosene to #1 diesel fuel.
  - Start with equal parts of each, adjusting the mixture to a point where the flame will be carried with the fuel.
  - For better ignition, increase the percentage of kerosene.
  - For sustained burning, increase the percentage of diesel fuel.

DO NOT USE GASOLINE! – EXPLOSIVE VAPORS MAY BE RELEASED FROM THESE MIXTURES. HANDLE MIXTURES ACCORDINGLY.

2. Prepare your drip torch for use by removing the locking and spout and fill the tank with 5 quarts of fuel. Wipe off any fuel that may have spilled onto the outside surface of the tank or handle.
  - Remove the discharge spout sealing plug and screw it into the blind thread socket.
  - Place the spout assembly on the gasket in the mouth of the tank with the spout exposed and screw the locking down securely. (Torch should never be operated without the gasket because it could cause some fuel to leak onto the outside tank and handle surfaces.)
  - Unscrew the breather valve counterclockwise just enough to open, tip the torch forward and let fuel trickle onto the igniter.
  - Light igniter. The torch is now ready to be used.

TANK SHOULD NOT BE OPENED OR FILLED NEAR AN OPEN FLAME, HOT COALS, SPARKS OR WHILE SMOKING. THE TANK MAY CONTAIN DANGEROUS VAPORS.

3. To operate, hold the torch to your side pointing the igniter away from your body.
  - Gradually tilt the torch forward until the fuel pours over the burning igniter casting a flame along the path you are traveling.
  - To ignite hard to reach areas, snap your wrist upward in order to throw the fire greater distances. (If no flame carries with discharged fuel, reduce the flashpoint of fuel by increasing the kerosene proportion of the mixture.)

PAY SPECIAL ATTENTION TO THE DIRECTION OF FLAME TRAVEL WHEN PERSONNEL ARE NEARBY!

4. Prior to storage, stand the drip torch upright until the igniter burns out and cools off.
  - AFTER the igniter cools, remove the locking, return the spout to the inside of the tank and replace the locking securely.
  - Unscrew the discharge sealing plug from the blind threaded socket and return it securely to the spout opening.
  - Turn the air breather valve clockwise to close it.

CARRY AND STORE YOUR TORCH WITH THE SAME CARE YOU WOULD GIVE ANY FUEL TANK.



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