



## INDUSTRIAL WEED BURNER

ITEM # 55151



## OWNER'S MANUAL AND SAFETY INSTRUCTIONS

**SAVE THIS MANUAL. KEEP THIS MANUAL FOR SAFETY WARNINGS, PRECAUTIONS, ASSEMBLY, OPERATION, INSPECTION, MAINTENANCE AND CLEANING PROCEDURES. WRITE THE PRODUCT'S SERIAL NUMBER ON THE BACK OF THE MANUAL, OR THE MONTH AND YEAR OF PURCHASE IF PRODUCT HAS NO SERIAL NUMBER**

**FOR QUESTIONS, PLEASE CALL CUSTOMER SERVICE: 909.628.0880**

# SAFETY INFORMATION

## INSTRUCTIONAL MANUAL

### Safety Precautions:

Read and understand all warnings and instructions before attempting to operate the equipment. Never permit children to use this torch.

## **⚠ WARNING**

- Flames from this torch can cause serious burn injuries to your skin and body.
- Blocking flame at torch head may cause flame direction to reverse and exit in another direction towards the operator.
- Using this torch on or near flammable material or closed containers may cause a fire or explosion which may cause injury or death.
- Failure to control burning material while using this torch may cause injury or property damage.

### Personal Protective Equipment:

• Always wear eye protection such as safety goggles or glasses which meet ANSI Z87.1 and CSA Z94.3 specifications, heavy duty gloves, leather shoes and heavy cotton clothing treated to be fire retardant. Do not wear shorts or loose clothing.

### Equipment Precautions:

- Only use this torch with propane gases from vapor withdrawal cylinders. Do not attempt to use fuel gas other than approved propane fuels.
- Propane cylinders must be kept in an upright position especially when the torch is in use.
- Before use, check all equipment for leaks with an approved bubble solution. Do not light torch until any and all leaks are repaired.
- Light torch only with an approved lighter (provided). Do not use matches or a cigarette lighter.
- Do not permit lighted cigarettes, speaks or open flames near this equipment.
- When not in use, close all torch valves and cylinder valve.
- Do not abuse, tamper with or alter the operation of this torch or its parts. Any repairs must be made by a qualified repair technician.

### Use of Equipment:

- When operating the torch, always have a helper with proper NFPA approved fire extinguisher (or other fire fighting apparatus) of a type and size appropriate for the application and trained in its use nearby to watch and control the burning material.
- Maintain secure footing when holding a lighted torch to avoid falling. Shut torch and tank valves off if you are moving more than a few yards.
- Always direct flame from the torch away from your body when torch is lighted. Never point the torch at yourself or other persons while lighting or operating. Keep other persons away from the torch at all times.
- Never leave a lit torch unattended. Turn the torch valves off to extinguish the flame before laying the torch down.
- Do not lay a hot torch down on or near flammable material.
- Do not block the flow of air or fuel gas through the torch head. Never allow the torch head to contact a surface or block the flow of gas from the torch head. Doing this may cause flame direction to change towards the operator. Lift torch head from surface immediately if this occurs and release safety lever valve.
- Do not use torch in areas where combustible gases or vapors may be stored or otherwise present.
- Do not use this torch on or near flammable materials or sealed containers which may cause a fire or explosion resulting in injury or death. Sealed containers even if empty, may explode.
- Only burn a small area at a time. Do not use torch near combustibles you do not intend to burn.
- Do not use the torch in windy or very dry conditions in which the torch flame or the amount of material burning may be difficult to control.
- In some locations you may not be permitted to burn without a permit. Contact your local authorities and fire department about provincial and local codes or permit requirements before using this torch.
- Torch head will remain hot for a time after shutdown. DO NOT touch or store the equipment until it has cooled.

## **⚠ WARNING**

**Burning or heating some materials can produce dangerous fumes which may cause injury to your lungs or other parts of your body.**

- Only use equipment outside of, or if inside only use heating materials in a large area with enough ventilation to avoid the build up of smoke, fumes and gases. If the air is not clear and free of smoke, fumes and gases, stop using the torch and move the work outside or improve the ventilation.
- Propane fumes may collect in an unventilated or enclosed area causing an explosive atmosphere or one in which you cannot safely breathe.
- Never use the torch on materials, coatings, solvents or chemicals which release toxic fumes when heated or on plants such as poison ivy or poison oak.
- Avoid breathing smoke or fumes from burning material.
- Keep your head out of the smoke or fumes.
- If the smoke or fumes make you uncomfortable, stop using the torch on the material.

## **⚠ WARNING**

**THIS PRODUCT CONTAINS OR PRODUCES A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OF OTHER REPRODUCTIVE HARM (CALIFORNIA HEALTH & SAFETY CODE 25249.5 ET. SEQ.)**

For additional information regarding the safe use of this product see the following reference publications: NFPA/ANSI 58 – “Standard for storage and handling of propane gases” available from the National Fire Protection Association. ANSI/ASC Z49.1 – “Safety in welding and cutting” available from the American Welding Society CSA 2-94 – “U.S. Requirements for hand held LP torches for use with fuel supply” available from the Canadian Standards Association

# OPERATION

## **INSTRUCTIONS:**

- 1) After connecting torch to tank, ensure that all connections are tightened with a wrench. Make sure torch adjusting valve is closed.
- 2) Open supply tank shut-off valve SLOWLY.
- 3) With torch nozzle pointed away from any flammable material, open torch adjusting valve 1/8th of a turn or until you can hear gas escaping.
- 4) Ignite using striker supplied.
- 5) Use the torch-adjusting valve to control the size and heat of flame.

## **Note:**

Opening the Propane tank valve too quickly can cause the excess valve to close. If the excess flow pressure safety valve closes, you will not get enough gas for the torch to run properly. If this happens, close the Propane Tank. Open torch adjusting valve to release any residual gas left in the hose. Close torch-adjusting valve and wait 30 seconds. Slowly open-tank shut-off valve and try again.

## **Shut-Off Instructions:**

- 1) Close torch adjusting valve.
- 2) Close Propane Tank.
- 3) Open the torch-adjusting valve briefly to release any residual gas pressure left in the hose.

## **Maintenance: Prior to each use:**

- 1) Visually inspect all components of the device for damage and or wear. If the hose shows excessive abrasion wear, or the hose is cut, it must be replaced prior to operation. If damage is found, discontinue use immediately.
- 2) Perform a leak test according to the leak test procedure.

## **Leak Test Procedure:**

- 1) Connect the excess flow inlet fitting to a propane tank.
- 2) Close torch adjusting valve (turn fully clockwise).
- 3) Slowly open the Propane tank valve.
- 4) Test all connections for possible gas leaks using leak test solution

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**Record Product's Serial Number Here:** \_\_\_\_\_

**Note:** If product has no serial number, record month and year of purchase instead.

**Note:** Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.

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