

Harsh Chemical Sprayer Instructions

Customer Service is here to help! If you have any questions or concerns, do not return sprayer to the store.
Call 1.800.977.7293 or email ladybug@hdhudson.com

THANK YOU! We appreciate the trust and confidence you have placed in Hudson® through the purchase of this sprayer. We strive to create quality products designed for your spraying needs.

SAFETY INFORMATION - AVOID CHEMICAL EXPOSURE



WARNING: This product is designed to spray chemicals that may be harmful and could cause serious personal injury if inhaled or brought into contact with the user. Failure to read and follow these instructions before use and/or misuse of this product could result in explosive failure with major injuries.



WARNING: Do not store liquids in the sprayer. After each use, release the pressure and clean the sprayer.



WARNING: Never fill above the maximum fill line on the tank.



WARNING: Do not spray flammable, caustic, corrosive, heated, or self-heating solutions with this sprayer.



WARNING: Always wear long sleeve shirts, long pants, goggles, gloves, and durable shoes when using this product.



WARNING: Always read and follow the label instructions for chemicals to be applied.



WARNING: Always test the sprayer before each use.



WARNING: DO NOT alter the sprayer or any components.

CHEMICAL RECOMMENDATIONS

Recommended for use with:

- ✓ Safe for use with bleach
- Most water based substances
- ✓ Most chemical insecticides/pesticides
- ✓ Mild and harsh cleaners (such as dish washing detergent, and most disinfectants)

NOT recommended for use with:

- Flammable products (gasoline, diesel fuel, hydraulic oil, etc).
- Hot or boiling liquids
- Highly viscous (thick) materials (tar, high-solid paint, stain, and sealant)
- Citrus-based cleaner
- Strong acids or bases
- Lacquers or lacquer thinners
- Turpentine
- Products containing peppermint oil or peanut oil
- Epsom salt
- Mineral spirits
- Essential oils
- Acetone
- High concentrated vinegar

WARRANTY

WHAT IS COVERED: The supplier provides Limited Warranty coverage to the original purchaser of this product, covering the intended function of this product for normal and intended use for a limited time after purchase. A complete copy of the Limited Warranty provided for the product, including additional requirements, limitations and exclusions, was included at the time of purchase, or is available at www.hdhudson.com, and you should refer to the complete Limited Warranty for a full statement of the terms and conditions of warranty coverage. If the product fails to function as intended -- DO NOT RETURN IT TO THE STORE -- call our Customer Service Team at 1.800.977.7293 for fast service. Note: limited warranty coverage does not apply to damage resulting from accident, misuse, neglect, alterations, operation not in accordance with instructions, commercial use, or normal wear of O-rings, seals or gaskets.

To read the full language warranty, scan the QR code
OR visit <https://www.hdhudson.com/full-warranty-statement/>

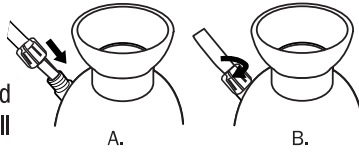


ASSEMBLY

1 Attaching hose to the tank

A. Push the supply tube into the threaded tank nipple on the tank until fully seated.

B. Screw the hose nut onto the threaded tank nipple. Firmly hand tighten and pull to ensure a tight connection.

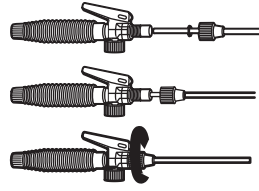


2 Attaching wand to shut-off

Insert the wand into the shut-off until fully seated.

Slide the wand nut onto the shut-off and firmly hand tighten.

To ensure the correct assembly, test the sprayer with water before use. After testing, make sure the sprayer is in the off position before filling.



OPERATION

1 Filling the sprayer

Remove the pump assembly from the tank by pushing the pump handle down, then turning counterclockwise.

Prepare the spray solution. Mix only the amount of solution to be sprayed and never fill above the MAX FILL LINE.

Screw the pump assembly back into the tank by turning clockwise. Firmly hand tighten.

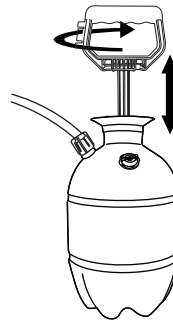


2 Pressurizing the sprayer

To operate the pump, unlock the pump handle by turning counterclockwise. Be careful not to loosen the pump from the tank.

To create pressure, move the pump handle up and down until it is hard to pump. Hold pump handle on top bar and ensure fingers are not in the way of the pump assembly.

Lock the pump handle back into the pump assembly by turning clockwise.



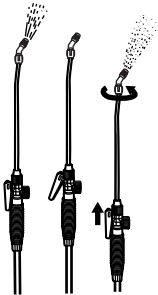
3 Operating the sprayer

To start spraying, squeeze the lever on the flow control.

To stop spraying, release the lever on the flow control.

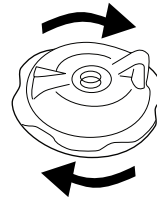
To spray continuously, squeeze the lever on the flow control and slide forward to lock in place. Slide trigger back down to shut flow control off.

Screw the nozzle clockwise for a fine mist and counterclockwise for a straight stream.



4 Releasing the pressure from the tank

Safely release pressure by turning the pressure release valve one click clockwise. You will hear a hissing sound as pressure is released. When you're ready to build pressure again, turn the valve another click clockwise. (For storage, make sure PRV is shut)



CARE & CLEANING / TROUBLESHOOTING

- Do not store chemicals in the tank. If the chemical is stored in the tank, it can clog the system as it dries and destroy the seals and other components.

- To prolong the life of the sprayer, clean after each use. After using any products, including chemical and water-based products, rinse thoroughly with soapy water followed by clean water. Always flush out the hose and flow control. You do not need to take the flow control apart to clean it.

- To store the sprayer, remove the complete hose assembly (hose with siphon tube, wand, and flow control) from the tank.

- For proper drainage and drying, lock the flow control lever in the on position.

- Loosen the pump assembly, but leave in the tank when storing.

- Store all components in a clean, dry area.

Problem	Probable Cause	Solution
Sprayer used to work but does not any longer.	Seals are damaged or worn out, sprayer hasn't been used in a while.	Check all seals and make sure they are lubricated. If you notice they are damaged, call our Customer Service Team at 1.800.977.7293 for replacement parts.
There is a bad spray pattern or a low spray volume.	The nozzle may be clogged, the nozzle is tightened too far, or the pressure is low in the sprayer.	Slowly turn the nozzle counterclockwise to ensure it is open. Remove the nozzle and diffuser and clean. Be sure the tank is pressurized fully.
The sprayer will not hold pressure.	The pressure release valve isn't closed causing air to leak out. The seals on the pump are dry and not sealing.	Turn the pressure release valve a click clockwise to seal it in order to build pressure. Lubricate the pump seals in order to seal the pump to the tank.
The shut-off is leaking.	The knob on the bottom of the shut-off is loose causing it to leak.	Call our Customer Service Team at 1.800.977.7293 for a replacement part.