

Hills®

The Heavy Duty Sprayer

Product Manual

5 & 8
litre models



Warning

This sprayer is designed for use with liquid chemicals used for gardening, horticulture, agriculture, cleaning, degreasing, disinfecting and stripping materials when resistance to aggressive chemicals is required. The sprayer is equipped with Viton® seals. For correct chemical use follow the chemical supplier's instructions.

To be used by adults only. Always work in a well-ventilated area.

Seek medical attention if spray contacts your eyes or skin, is inhaled, or you develop any symptoms, illness or reactions after spraying.

Important: Under normal use and conditions the sprayer bottle has a maximum life of five (5) years after purchase date. The purchase date, place of purchase and product number should be recorded in this Product Manual. (1re and 8 Litre models only)

Contents

Refer to diagram on page 5 for parts listed.

1 x sprayer bottle assembly
 1 x internal pump assembly
 1 x lance assembly with nozzle
 1 x instruction sheet
 1 x strap assembly
 1 x strip nozzle
 1 x I.D. Tag
 1 x I.D. Tag insert sheet

Two nozzles are included. One is for a jet spray pattern and one is for mist spray pattern.

Choose the one suitable for your particular spraying application.

Viton® is a registered trademark of DuPont Performance Elastomers.

Accessories

0100709 – Cone Spray Shield and Cup

0100708 – Lawn Edger Shield

Two nozzles are included. One is for cone spray pattern and one is for strip spray pattern.

Choose the one suitable for your particular spraying application

Please retain this Product Manual. Record the following information for future reference.

Product Number (printed on carton): _____

Date of purchase: _____

Name and location of store: _____



Designed and tested under a
 Quality System that meets Hills
 demanding quality specifications.

Made in China

Safety Instructions

Caution: Contents under pressure. Read this before operating.

- Release pressure from the bottle before refilling or replacing parts. This is done by slowly pulling up the safety valve and holding until all air has been released. Then unscrew the container cap. **Note:** Some remaining air may be expelled.
- Inspect the condition of all fittings before each use. Do not attempt to use your sprayer with worn or damaged parts. These parts should be replaced.
- Safety valve operation: Over pumping will cause the safety valve to open and release excess pressure. It will close when safe operating pressure is reached.
- Safety valve test: Fill the bottle completely with clean warm water and pressurise by pumping. When the sprayer is fully pressurised the valve should lift, allowing the red indicator to become visible and air to escape. If this does not happen, replace the safety valve. Fully dry the sprayer after this test.
- Your sprayer is made from many different types of plastic materials, and although the liquid you may wish to use is packed in a plastic container, it is not guaranteed that it will not damage your sprayer. Your sprayer is designed for use with a broad range of liquids, however you must check their compatibility before use.
- Follow all chemical suppliers on-pack instructions.

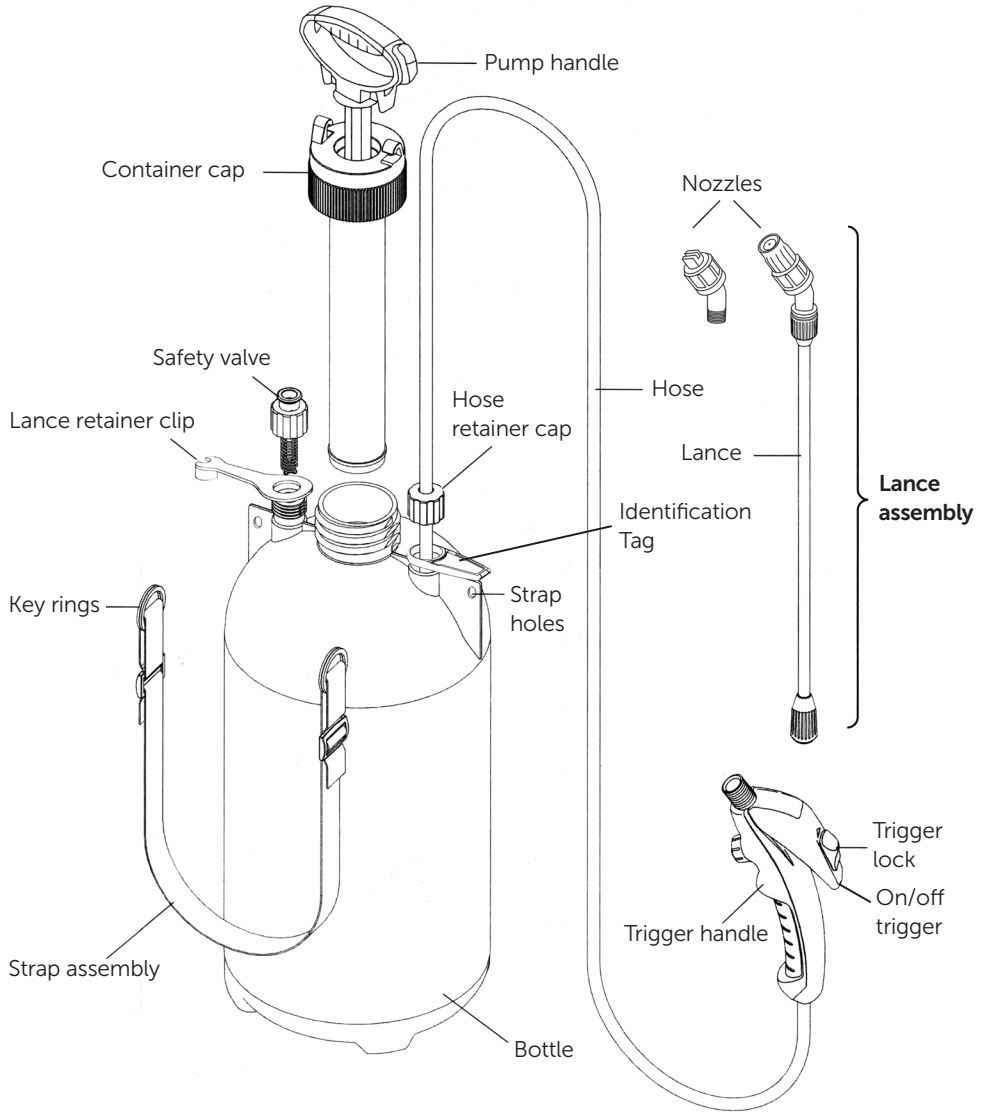
Do's

- ✓ Release pressure before filling/servicing
- ✓ Release pressure and clean after use
- ✓ Wear safety goggles and gloves
- ✓ Wear protective clothing and mask
- ✓ Spray thin solutions. Thick solutions will clog the nozzle
- ✓ Ensure adequate ventilation
- ✓ Wash hands and face after use
- ✓ Wash contaminated clothing
- ✓ Store sprayer away from sunlight
- ✓ Hand tighten fittings only
- ✓ Rinse and dry inside of bottle before use with compatible chemical
- ✓ Read and understand chemical manufacturers' safety directions
- ✓ Discard safely and legally any unused contents after use
- ✓ Lubricate regularly moving parts with silicone grease

Don'ts

- ✗ Spray flammable liquids or solvents
- ✗ Leave full bottle unattended
- ✗ Eat, drink or smoke when spraying
- ✗ Direct spray on humans or animals
- ✗ Spray in windy conditions
- ✗ Spray in confined spaces
- ✗ Leave within reach of children or animals
- ✗ Overfill the bottle
- ✗ Over pressurise
- ✗ Stand sprayer near naked flame or hot surfaces
- ✗ Tighten fittings with pliers etc.
- ✗ Allow children to use
- ✗ Modify bottle or safety valve
- ✗ Spray any volatile solvent e.g. white spirit
- ✗ Spray near food or preparation areas

Internal pump assembly



Important: Ensure all caps, safety valve, hose and lance assembly are firmly tightened.

Operating Instructions

Important: Rinse the inside of the bottle with warm water and thoroughly dry before use. Before using with any chemicals familiarise yourself with the sprayer by trialing it first with water only, then thoroughly dry the sprayer. Thick mixtures can clog the spray nozzle. Mixtures of this kind should be strained to prevent blockages. Clean the bottle, attachments and your hands thoroughly after use.

Before Use

- Remove the internal pump assembly by unscrewing the container cap. Fill liquid to the required level. **Do not exceed the "MAXIMUM FILLING" level.**
- Insert internal pump assembly and tighten container cap firmly by hand.
- Make sure the safety valve and hose retainer cap are tight to prevent air escaping.
- Firmly screw the lance assembly to the trigger handle.

Operation

- Pump the sprayer until the safety valve starts to open and vent. Your sprayer is designed to operate at 40 P.S.I. (275 kpa). You will notice that when the sprayer is at full pressure the safety valve will lift and a red indicator becomes visible.
- Pump periodically to maintain constant spraying pressure.
- Lock pump handle into container cap. This allows you to carry the sprayer. You can also use the strap assembly supplied. Attach this by threading the key rings through the strap holes located either side of the top of the bottle.
- Start spraying by pressing the on/off trigger. The trigger is equipped with a lock for continuous spraying. To lock, press the trigger and slide the trigger lock forward. To unlock, slide the trigger lock back and release the on/off trigger.
- Choose the type of nozzle according to your spraying application. Turn the nozzle to obtain the desired spray pattern.

After Use

- When you have finished, release pressure from the bottle by slowly pulling up the safety valve and holding until all air has been released. **Do not release pressure by unscrewing the container cap.**
- After you have ensured the sprayer contains no pressure, unscrew the container cap. Safely and carefully dispose of any liquid left inside the bottle. To clean your sprayer, rinse the bottle with appropriate solution, then fill the bottle with clean warm water to the 2L level, pressurise your sprayer and allow it to empty. Thoroughly dry before storage.
- Check that the nozzle is free from sediment. If necessary, repeat the process until the sprayer is clean.
- If sprayer has been used with chemicals, safely discard any unused solution in accordance with the chemical supplier's instructions.

Storage

- Make sure that the sprayer is not pressurised and contains no liquid. Do not store in direct sunlight and store out of reach of children and animals. Refer to detailed safety instructions on page 3.

Maintenance Advice

Over a period of time some chemicals can leave a build up of residue which normal cleaning will not remove. This build up can collect around the seals in your sprayer, which may eventually stop the sprayer from working. To overcome this problem we recommend that the bottle be half filled with hot (not boiling) water. Pressurise and spray for a few minutes. The hot water should dissolve any built up residue allowing your sprayer to operate normally. Thoroughly dry after cleaning.

Apply a small coating of silicone grease regularly to seals and moving parts.

Important: For safety, do not leave the sprayer unattended during this operation.

Strip Spray

Your sprayer comes with an additional jet spray nozzle attachment to aid in controlled spraying.

- To fit strip spray, remove the blue nozzle from the grey attachment cap. Refer to **Fig. 1 and 2**.
- Remove the nozzle from cap. Refer to **Fig. 3**.
- Re-assemble the two blue halves of nozzle and store safely.
- Place jet spray nozzle into rear of attachment cap along with filter. Refer to **Fig. 4**.
- Replace assembly onto end of nozzle elbow. Refer to **Fig. 5**.

Fig. 1

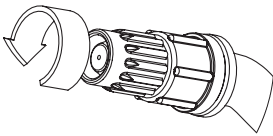


Fig. 2

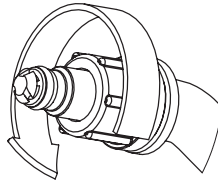


Fig. 3

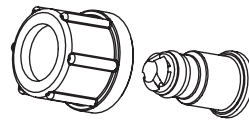


Fig. 4

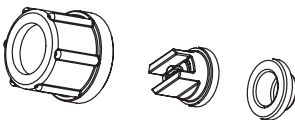
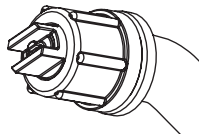


Fig. 5

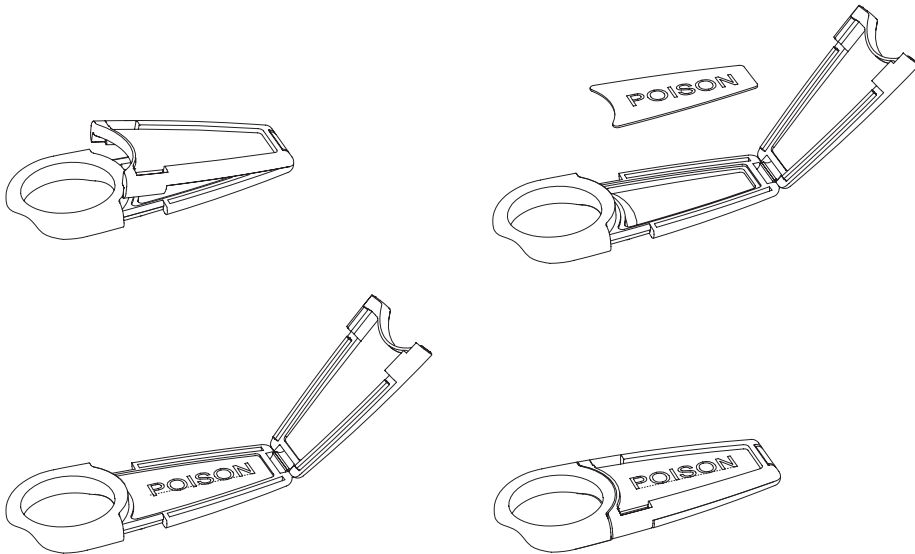


Substance Identification Tag

- Your Hills Heavy Duty Sprayer comes with a substance identification tag allowing you to quickly and easily identify what substance is inside your sprayer.
- The sheet comes with a number of blank inserts that allow you create your own personalised tags. **Note:** Use a permanent marker when writing on the inserts to prevent writing coming off.

To Fit Inserts:

- Open the folding lid by unclipping the two side located snaps.
- Fit required insert with the text facing upwards (towards folding lid).
- Snap folding lid back into closed position to secure.



***Substance Identification Tag not supplied with 4 Litre or 7 Litre Garden Sprayers.**

In addition to all rights and remedies to which you may be entitled under the Australian Competition and Consumer Act 2010 (Cth) or the New Zealand Consumer Guarantees Act (1993) and any other relevant legislation, Hills Home Living or Hydrox Brands Limited warrants the Heavy Duty Sprayer to be free from defects in materials or workmanship for 2 years and the O Rings, seals, hose and lance assembly for 1 year from the date of purchase.

In the event of a claim, you must take the product with proof of purchase and an explanation of the fault to the place of purchase or contact Hills and provide your proof of purchase. All costs associated with the return of the good (and other expenses incurred in claiming under this warranty) are your responsibility. We will, at our option, either repair or replace the product.

Hills' liability under this warranty is subject to Hills being satisfied that a defect was caused by defective workmanship or materials and was not caused by or substantially contributed to by other factors including (but not limited to) maintenance or repair, adjustments or modifications of the product in a manner not recommended by the manufacturers or any neglect, misuse or excessive use.

In Australia, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This warranty is provided by Hills Home Living, 3 City View Road, Pennant Hills NSW 2120, Ph 1300 300 564 for goods purchased within Australia. For goods purchased within New Zealand, this warranty is provided by Hydrox Brands Limited, 60 Kerrs Road, Wiri 2104, New Zealand, Ph 0800 021 027.

Hills Contacts

We are committed to providing you with complete customer satisfaction. If you have any questions or comments about our products or services please contact your nearest Customer Service Centre during their local business hours:

Australia

1300 300 564

hhl.enquiries@woolworths.com.au

New Zealand

0800 021 027

hhl@progressive.co.nz

Hills Websites

hillshome.com.au

Hills Home Living

hillshome.com.au/need-help/

Hills Consumer Advice



Hills Home Living
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