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PRODUCT MANUAL



**Heavy Duty Backpack Sprayer
16L**

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Contents



- A. Pump lever brace
- B. Pump lever with lance holder
- C. Spray Bottle
- D. Pump Assembly
- E. Telescopic stainless steel lance with adjustable brass nozzle
- F. Trigger Assembly
- G. Hose
- H. Carry strap
- I. Bottle filter and cap
- J. 2 x metal drop pins
- K. Metal washer



J

K

O

Safety Instructions

ONLY 5 PUMPS ARE REQUIRED TO REACH OPERATING PRESSURE, DO NOT OVER PRESSURISE OTHERWISE INJURY COULD OCCUR

- Always wear protective clothing including safety glasses and gloves when using this sprayer.
- This sprayer is designed for domestic use and is to be used with liquids that are suitable for use with Viton® seals. Follow the liquid manufacturers safety instructions prior to use.
- Liquids used with sprayers can be dangerous; if swallowing or skin contact occurs, always refer to the safety instructions of the liquid used or contact the poisons information centre or a doctor immediately.
- Avoid spraying in windy conditions.
- Store out of direct sunlight and away from children.
- Always release pressure before filling, cleaning or storing.
- Only person's over the age of 18 should handle.

Assembly Instructions

Pump Lever Assembly:

- 1 Pull the pump lever (B) that is already attached to the bottle down so that it is on a right angle to the spray bottle (C).



- 2 Attach the pump lever brace (A) by attaching the end with the short bend to the bottom of the pump lever and the end with the long bend to the top of the pump assembly.



- 3 Secure the pump lever into position by attaching a washer to the bottom part of the pump lever and then inserting the metal drop pin (J). Insert the second metal drop pin in between the two plastic pieces at the top of the pump lever.

- 4 **Note:** The backpack sprayer can be utilised for both left and right handed operation. The shoulder straps will need to be adjusted for left handed operation.



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Operating Instructions

Preparation:

- 1** Pull the pump lever (B) that is already attached to the bottle down so that it is on a right angle to the spray bottle (C).



- 2** Remove the bottle cap (I) and fill the bottle with liquid to the desired level. Do not exceed the maximum capacity level marked on the bottle. The filter will catch any lumps or contaminated particles.



- 3** Screw the cap back into position. Ensure all fittings are tightened before proceeding.

Spraying:

- 4** Pressurise the bottle by pumping the lever (B) approximately 5 times or until the lever becomes difficult to pump. Do not over pressurise.



- 5** Spray the desired area by holding down the handle on the trigger (F). The trigger can be locked for continual spraying.

Continue to pump the lever while spraying to ensure pressure is maintained.



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Cleaning

- 6 Ensure that pressure is released and that all sprayer components are rinsed thoroughly with a suitable cleaning agent (refer to liquid manufacturer). This can be achieved by filling the bottle with the cleaning agent, pressurising and then emptying via the nozzle.

Ensure liquids are disposed of safely and in accordance with the legislation and liquid manufacturers advice. Clean after every use and do not store liquids in the unit.

Maintenance

Cleaning the pump assembly

If the pump does not provide pressure after cleaning the backpack sprayer you must also clean the pump.

- 1 Push out the metal drop pin (J) (may need to use a screwdriver) and pull the pump lever brace (A) out of the pump assembly (D).



- 2 Unscrew and remove the hose (G).



- 3 Unscrew the cap and pull out the pump assembly (D).





Cleaning Instructions

Cleaning the pump assembly (cont.)

Unscrew the bottom section of the pump assembly. Inspect and clean the pump O-ring. Install a new O-ring if necessary.



Pull out the inner part of the pump assembly (D) and cap.



Clean all pump parts and seals with water (or a suitable cleaning agent).



Reassemble the hose (G) and pump assembly (D) in the reverse order.

*When assembling the pump ensure that the pump gaskets are seated properly after installation and are not squashed.

Troubleshooting

FAULT	POSSIBLE CAUSES	REMEDY
Pump does not provide pressure	Valve in the bottle cap blocked	Clean the bottle cap
	Hose connections at the pump and sprayer handle are leaking	Tighten the hose connections at the pump and sprayer handle
Pump sprays with poor jet spray	Nozzle blocked	Clean the nozzle
	Filter in trigger blocked	Clean the filter in the trigger handle

Warranty

Ames Australasia warrants that this product will be free from defects in workmanship and materials for 3 years. If a defect in material or workmanship becomes evident during that period, Ames Australasia will, at its option, either; repair the product (or pay for the costs of repair of the product); replace the product; or refund to the customer the purchase price paid by the customer for the product. In the event of such a defect, the product should be returned to the place of purchase, together with proof of purchase for repair, replacement or refund. Any handling and transportation (and other expenses incurred in claiming under this guarantee) are not covered by this guarantee and will not be borne by Ames Australasia. The obligation of Ames Australasia under this guarantee is limited to the circumstances set out about and is subject to; the customer being able to evidence the acquisition of the product, the purchase price paid for the product and the relevant defect in materials or workmanship; the product not having been altered, tampered with or otherwise dealt with by any person in a manner other than as intended in respect of the relevant product; and the product not having been used or applied in a manner that is contrary to customary usage or application for the relevant product or contrary to any stated instructions or specification of Ames Australasia. 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. The benefits given by this guarantee are in addition to the other rights and remedies which might be available to the customer under any law in relation to goods or services to which this guarantee relates.

The logo for nylex features the word "nylex" in a bold, lowercase, sans-serif font. The letters "n", "y", "l", and "e" are black, while the "x" is a dark grey color.

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