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# **USER MANUAL**

**MODEL NUMBER:  
SP-2SL**

**AND RELATED UNITS**

**2 Gallon Pump-Up Spray Unit**

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**English (Original Instructions)**

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## READ ALL INSTRUCTIONS BEFORE OPERATING EQUIPMENT



**Read this manual completely and understand the machine before operating or servicing it.**

- Always wear appropriate personal protective equipment (PPE) when operating or servicing unit.
- Always follow all chemical safety precautions and handling instructions provided by the chemical manufacturer and Safety Data Sheet (SDS).
- If this unit is modified or serviced with parts not listed in this manual, the unit may not operate correctly.
- Never point the discharge wand at yourself, another person, or any object you do not want covered in chemical.
- Always depressurize unit after use (as described in the After Use Instructions). Always store unit depressurized.
- Never leave unit unattended while pressurized.
- Always depressurize unit before attempting to remove the pump assembly.
- Do not pressurize unit by any means other than the built-in pump assembly.
- Do not modify or remove pressure relief valve. Do not use unit if pressure relief valve is not operational.
- Always carry unit by the handle in locked position.
- Do not exceed a fluid temperature of 100°F (37°C).
- Never use unit with hydrocarbons or flammable products.

### PROTECT THE ENVIRONMENT

Please dispose of packaging materials, old machine components, and hazardous fluids in an environmentally safe way according to local waste disposal regulations.



Always remember to recycle.

\*Specifications and parts are subject to change without notice.

REQUIREMENTS	
Liquid temperature range	40-100°F (4.4-37°C)
Chemical compatibility	Chemical products used with this equipment must be formulated for this type of application and compatible with unit materials and pump seals. For more information on chemical compatibility, consult the manufacturer or MSDS for your product or contact our customer service department.

SPECIFICATIONS	
Power type	Manual
Chemical pickup type	Draws from pre-mixed solution
Number of products unit can draw from	One product
Capacity	2 gallons (7.6 liters)
Discharge hose diameter/length	4 ft. (1.2 m) hose with 3/8 in. (9.5 mm) inside diameter
Discharge wand/tip type	Polypropylene trigger handle with 40° fan tip
Pump seals	Viton

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### Operation Instructions:

1. Ensure all air pressure is released from unit by twisting the pressure relief valve (PUF-PRV-2) clockwise 1/2 turn.
2. Unscrew the pump assembly (PUFPA-2) from the tank by twisting the pump handle counter-clockwise.
3. Follow all instructions from chemical manufacturer. Fill tank with pre-mixed solution up to the first band, or 1 gal (3.78 l). (Note: Do not overfill tank with solution.)
4. Replace pump assembly (PUFPA-2) and tighten securely by twisting the pump handle clockwise.
5. Turn pressure relief valve (PUF-PRV-2) clockwise 1/2 turn to return to the closed position.
6. Pressurize the tank by pumping approximately 25 - 30 times, depending on amount of solution in tank. (Note: The pressure relief valve will leak if the air pressure is too high. Do not overfill tank with air.)
7. Once the desired pressure has been achieved, push the handle down and twist it clockwise to lock it in place.
8. To start spraying, point the wand assembly at the area you wish to spray and squeeze the trigger handle to discharge spray.

### After Use Instructions:

1. Ensure all air pressure is released from unit by twisting the pressure relief valve (PUF-PRV-2) clockwise 1/2 turn.
2. It is recommended to always empty out remaining solution and run fresh water through the unit to rinse all parts thoroughly after each use and before storage.

### Maintenance Instructions:

*Warning: Always depressurize unit before performing maintenance.*

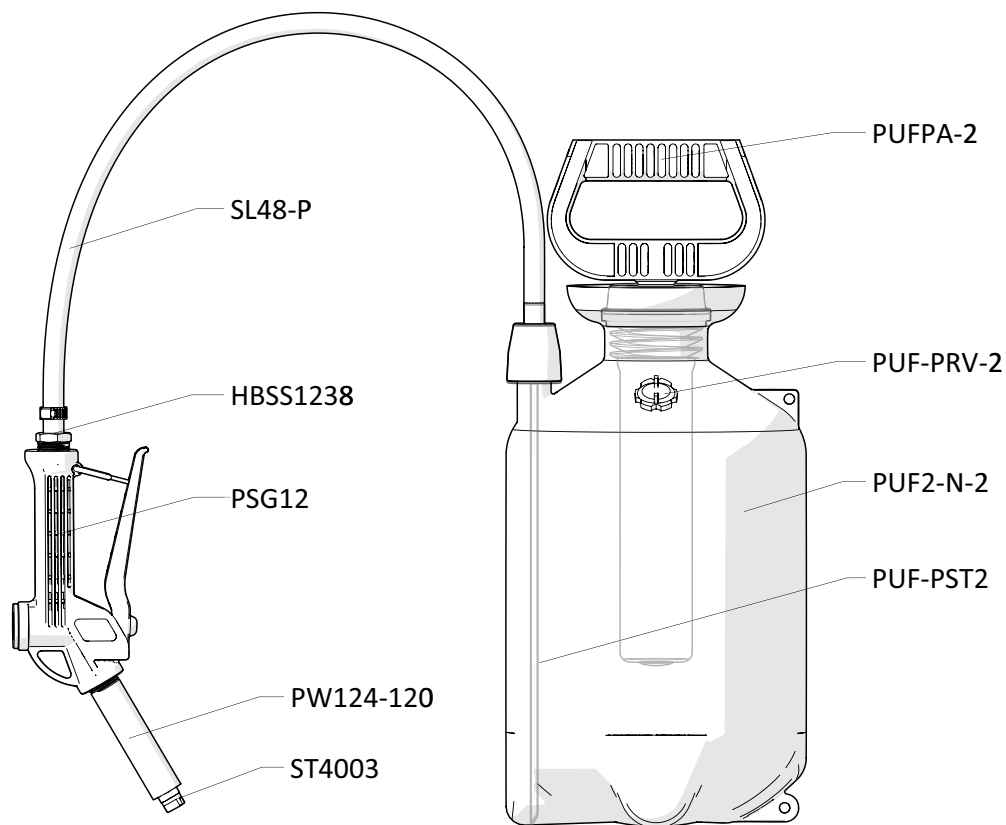
To keep your unit operating properly, periodically perform the following maintenance procedures:

- Check the pump assembly (PUFPA-2) for wear and leaks.
- Check the suction tube (PUF-PST2) for debris and clean as needed.
- Inspect hose (SL48-P) for leaks or excessive wear.
- Periodically lubricate the pump seal with a food safe lubricant. To lubricate the pump seal, raise pump handle and apply 5 to 10 drops of food safe lubricant between pump and pump sleeve. NEVER USE LUBRICANTS SUCH AS WD40.

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### PARTS DIAGRAM

#### TANK ASSEMBLY



ITEM NUMBER	DESCRIPTION
HBSS1238	STAINLESS HOSE BARB 1/2mpt X 3/8 barb
PSG12	1/2 IN POLY SPRAY GUN WITH O-RING AND GRAY HANDLE & 316SS
<i>PSGORV</i>	<i>PSG12 O RING</i>
PUF2-N-2	NATURAL 2 GALLON PUMPUP TANK
<i>PUF-PRV-2</i>	<i>2 GALLON PUMP UP FOAMER PRESSURE RELIEF VALVE - YELLOW</i>
PUFPA-2	PUMP ASSEMBLY FOR PUMP-UP
PUF-PST2	SUPPLY TUBE FOR R-L PUMP UP FOAMER - 15in
PW124-120	1/2in BLACK POLY PRO X 4in - SCH.120 - 1/2in MPTOE & 1/4in FPTOE
SL48-P	48 INCH SINGLE LINE PUMP UP HOSE WITH TANK NUT
SSC38	WORM GEAR CLAMP, S/S (.25-.63)
ST4003	VEEJET NOZZLE, S.S. 4003