

Professional-Grade Disinfectant Electrostatic HANDHELD SPRAYER OPERATOR MANUAL

- ⊕ Best in class accuracy
- ✋ 1-Hand easy-grip ergonomics
- ⌚ Quick, easy and efficient
- 💧 75-Micron droplet size
- 🔋 12v Lithium ion battery
- ✓ 1 Year limited warranty



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READ ALL INSTRUCTIONS BEFORE USING DEVICE

IMPORTANT SAFETY RULES

Know your chemical sprayer. Read and understand the operator's manual and observe the warnings and instructions.

Do not operate the product in explosive atmospheres, such as in the presence of flammables liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

Do not allow bystanders or children in the area while operating this sprayer. Exposure to some chemicals can be hazardous.

This sprayer is suitable for commercial and indoor use.

Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

Stay alert, watch what you are doing and use common sense when operating this sprayer. Do not use while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention

while operating this sprayer may result in serious personal injury.

Use safety equipment. Always wear eye protection with side shields or goggles and dust mask. Protect eyes, skin and lungs against drifting spray and during filling and cleaning.

Do not overreach. Keep proper footing and balance at all times. Do not use on a ladder or unstable support. Stable footing on a solid surface enables better control of the product in unexpected situations.

Do not use the product if the switch does not turn it on and off or if the product is operating improperly.

Store the product out of reach of children and do not allow persons unfamiliar with the product or these instructions to operate the product.

Keep the sprayer and its handle dry, clean and free from oil and grease. Always use a clean cloth when cleaning. Never use brake fluids, gasoline, petroleum-based products or any strong solvents to clean your tool. Following this rule will reduce the risk of loss of control and deterioration of the enclosed plastic.

Use this sprayer in accordance with these instructions and in the manner intended, taking into account the working conditions and the work to be performed. Use of the product for operations different from those intended could result in a hazardous situation.

Avoid accidental starting. Ensure the switch is in the off position before inserting battery pack. Inserting the battery pack into products that have the switch on invites accidents.

Use the product only with the specifically designated battery pack. Use of any other battery pack may create risk of injury and fire.

When battery pack is not in use. Keep it away from other metal objects like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

Under abusive conditions, liquid may be ejected from the battery, avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, seek additional medical help. Liquid ejected from the battery may cause irritations or burns.

Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

SPECIFIC SAFETY RULES

Before using any sanitizer or other spray material in this sprayer, read the label on its original container thoroughly and follow its directions.

Some spray materials are dangerous and should not be used in this sprayer, as they can damage the sprayer and cause serious bodily injury or property damage.

Electric shock hazard. Never spray towards electrical outlets.

Use with water-based cleaning and sanitizing solutions.

Do not pour hot or boiling liquids into the tank. These can weaken or damage the tubes or tank.

Spray area must be well ventilated.

Avoid spraying on windy days. Spray can be accidentally blown onto plants or objects that should not be sprayed.

Store sprayer in a secure, well-ventilated indoor space with fluid tank empty.

Do not use bleach or hydrogen peroxide.

Do not use alcohol based chemicals.

Do not use powders or abrasive chemicals.

Do not use caustic (alkali) or self-heating liquids in this sprayer.

Do not point the sprayer nozzle in the direction of people or pets.

Know the contents of the chemical being sprayed. Read all Safety Data Sheets (SDS) and container labels provided with the chemical. Follow the chemical manufacturer's safety instructions. It is a violation of federal law to use an EPA-approved disinfectant in a manner inconsistent with its labeling.

Do not leave residue or spray material in the tank after using the sprayer. Clean after each use.

Do not smoke while using the sprayer or spray where spark or flame is present.

To reduce the risk of fire or explosion use a liquid with a flash point higher than 140°F (60°C).

Risk of injection. Do not discharge directly against skin.

To reduce the risk of electric shock, do not put the sprayer into water or other liquid. Do not place or store the sprayer where it can fall or be pulled into a tub or sink.

Maintain this sprayer. Thoroughly inspect both the inside and outside of the sprayer and examine the components before each use. Check for cracked and deteriorated tanks, leaks, clogged nozzles, and missing or damaged parts. If damaged, have the product repaired before use. Many accidents are caused by poorly maintained products.

Disconnect the battery from the unit before draining, cleaning, or storing the sprayer. Such preventive safety measures reduce the risk of accidental starting.

Always wear eye protection with side shields or goggles marked to comply with ANSI Z87.1. Failure to do so could result in fluids entering your eyes resulting in possible serious injury.

Protect your lungs. Wear a face or dust mask when using the sprayer. Following this rule will reduce the risk of serious personal injury. Follow the chemical manufacturer's safety instructions and guidelines listed on the SDS.

Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards when not using your battery tool or when changing accessories. Remove battery pack when tool is not in use. Following this rule will reduce the risk of electric shock, fire, or serious personal injury.

Do not place battery tools or their batteries near fire or heat. This will reduce the risk of explosion and possible injury. Do not crush, drop, or damage battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.

Batteries can explode in the presence of a source of ignition, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.

Do not charge battery tool in a damp or wet location. Following this rule will reduce the risk of electric shock.

Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water. If liquid gets into your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention. Following this rule will reduce the risk of serious personal injury.

Do not use battery-operated appliance in rain.

Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.

Do not dispose of the battery(ies) in a fire. The cell may explode. Check with local codes for possible special disposal instructions.

Do not open or mutilate the battery(ies). Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

Avoid Dangerous Environment – Don't use appliances in damp or wet locations.

Use Right Device – Do not use device for any job except that for which it is intended.

Don't Force Device– It will do the job better and with less likelihood of a risk of injury at the rate for which it was designed.

Store Idle Devices Indoors – When not in use, devices should be stored indoors in dry, and high or locked-up place - out of reach of children.

Maintain Device With Care – Keep clean for best performance and to reduce the risk of injury. Follow instructions for changing accessories. Keep handles dry, clean, and free from oil and grease.

Check Damaged Parts – Before further use of the device, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation.

CAUTION: When spraying surfaces with the electrostatic function enabled, a charge could build up on the surface potentially resulting in a static shock to the user. Carrying a conductive item (such as a key) to touch the surface and dissipate the charge is recommended.

CAUTION: Wear shoes with a leather sole while using this sprayer. Do not wear shoes with a rubber sole, or similar insulating footwear.

CAUTION: Keep all body parts out of the spray pattern.

CAUTION: To reduce the risk of electric shock, do not touch the nozzle during use.

WARNING: Do not use this sprayer or enter the spray area if you have a pacemaker, implantable cardioverter defibrillator (ICD), internal pump, or any other similar medical device. Do not use on or near electrical medical equipment.

WARNING: Chemicals and chemical fumes can be hazardous and cause serious injury, permanent damage or death if ingested, inhaled or splashed in eyes or on skin. Follow the chemical manufacturer's safety instructions and guidelines listed on the SDS sheet.

FEATURES

PRODUCT SPECIFICATIONS

Motor - 12 Volt DC

Tank Capacity - 1 Liter

KNOW YOUR SPRAYER

See Figure 001. The safe use of this sprayer requires an understanding of the information on the product and in this operator's manual as well as a knowledge of the project you are attempting. Before use of this sprayer, familiarize yourself with all operating features and safety rules.

ELECTROSTATIC TECHNOLOGY

Electrostatic spraying provides better coverage and adhesion with an electrostatically charged mist.

PUMP-FREE SPRAYING

The battery-powered sprayer keeps fluid continuously cycling through the tank to allow pump-free spraying.

TANK

The tank is marked for measuring up to 1 liter of liquid.

ASSEMBLY

UNPACKING

This sprayer has been shipped completely assembled.

Carefully remove the product and any accessories from the box. Make sure that all items listed in the Packing List are included.

Inspect the product carefully to make sure no breakage or damage occurred during shipping.

Do not discard the packing material until you have carefully inspected and satisfactorily operated the product.

If any parts are damaged or missing, please call 1-704-684-6110 for assistance.

PACKING LIST

Sprayer with 1-Liter Tank
Battery
Battery Charger
Shoulder Strap
Operator's Manual

WARNING: Do not use this sprayer if it is not completely assembled or if any parts appear to be missing or damaged. Use of a product that is not properly and completely assembled could result in serious personal injury.

WARNING: If any parts are damaged or missing do not operate this sprayer until the parts are replaced. Use of this sprayer with damaged or missing parts could result in serious personal injury.

WARNING: Do not attempt to modify this sprayer or create accessories not recommended for use with this sprayer. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

WARNING: To prevent accidental starting that could cause serious personal injury, always remove the battery pack from the product when assembling parts.

OPERATION

WARNING: Do not allow familiarity with the product to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.

WARNING: Always wear eye protection with side shields or goggles marked to comply with ANSI Z87.1. Failure to do so could result in fluids entering your eyes resulting in possible serious injury.

WARNING: Do not use any attachments or accessories not recommended by the manufacturer of this sprayer. The use of attachments or accessories not recommended can result in serious personal injury.

WARNING: Use safety equipment. Protect your eyes, skin, and lungs while mixing, filling, spraying, and cleaning. Failure to do so may result in serious personal injury and damage to property.

NOTICE: Before each use, inspect the entire product for damaged, missing, or loose parts such as screws, nuts, bolts, caps, etc. Tighten securely all fasteners and caps and do not operate this sprayer until all missing or damaged parts are replaced. Please contact customer service or an authorized service center for assistance.

WARNING: Tank must be installed prior to fill. Before filling the tank, always remove the battery pack. Wipe up any spills before inserting the battery pack. Following this rule will reduce the risk of electric shock and corrosive liquids entering the battery pack, which can cause battery pack failure including short circuit resulting in smoke, fire, and/or serious personal injury.

WARNING: Always follow the chemical manufacturer's instructions printed on their product labeling for use, cleaning, and storage. Clean thoroughly after each use, following the instructions in the Maintenance section of this manual. Chemicals should be stored out of the reach of children. Failure to do so may result in serious personal injury. Do not combine chemicals.

WARNING: Do not allow conductive or corrosive fluids to get inside the battery pack. If conductive or corrosive fluids are spilled on the battery, electric shock or explosion could occur.

APPLICATIONS

You may use this sprayer for the purpose listed below:

For use with most consumer grade disinfectants.

When adding spray solutions, you may add water and the desired chemical solution directly into the tank or use a solution that has been premixed in a separate container, then poured into the sprayer, using a funnel if needed. For either method, remember: Liquids used must be as thin as water. Thicker liquids will not spray properly.

Do not overfill the tank.

NOTE: If using a measuring container or funnel to fill the tank, be sure to thoroughly clean and rinse these items after use. If premixing the spraying solution, rinse the container used for mixing.

To fill:

Turn off the electrostatic function and remove the battery from the unit. Unscrew the cap from the tank.

Fill the tank with the desired liquid, up to 1 liter.

Screw the cap back onto the sprayer, making sure it is tightened securely.

NOTE: Wipe the outside of the tank with a dry cloth and clean up any spills.

Reinstall the battery pack.

NOTICE: It is important to thoroughly clean the unit after each use. Allowing liquid to remain in an idle tool for an extended period may cause its moving pieces and connectors to seize up.

INSTALLING/REMOVING BATTERY PACK

WARNING: Always remove battery pack from your tool when you are assembling parts, cleaning, or when not in use. Removing battery pack will prevent accidental starting that could cause serious personal injury.

To Install:

Align the grooves on the battery pack with the raised ribs in the battery port and place the battery pack in the tool.

Make sure the latch on back of the battery pack snaps in place and that the battery pack is secured in the tool before beginning operation.

To Remove:

Turn off the electrostatic function and remove the battery from the unit. Depress the latch on the back of the battery pack to release the battery pack and remove it from the tool.

TURNING THE SPRAYER ON/OFF

To turn the sprayer ON, depress the button shown in Figure 001 – Button will light up when sprayer is on.

To turn the sprayer OFF, depress the button shown in Figure 001 – Button light will go off when sprayer is off.

USING THE ELECTROSTATIC FUNCTION

To activate electrostatic mode:

Press the button located immediately above the ON/OFF button shown in Figure 001 – when activated the light will be red.

To deactivate electrostatic mode:

Press the button located immediately above the ON/OFF button shown in Figure 001 – when de-activated the light will be dark.

USING THE SPRAYER

Install the battery pack into the tool.

Press the ON/OFF button as shown in Figure 001 so the light is on.

IF electrostatic mode is wanted - Press the ON/OFF button as shown in Figure 001 so the light is on.

Direct the sprayer nozzle directly at the surface areas you wish to treat. Depress the switch trigger to begin spraying.

NOTE: Safety button will need to be depressed before trigger will engage the pump – shown in Figure 001.

Spray on a dry surface using long, even, overlapping strokes. Release the trigger to stop the spray.

Always empty, clean, and drain the tank after every use as directed in the Maintenance section.

Thoroughly clean the sprayer before storing or before switching to a different chemical. See Cleaning the Unit later in this manual.

When you are finished with the sprayer, thoroughly wash your hands and any area where skin has been exposed to the mist.

Make sure electrostatic function is turned off.

Remove the battery pack and thoroughly clean the sprayer before transporting or storing the unit and before switching to a different chemical. See Cleaning the Unit later in this manual.

OPERATING TIPS

Never point the spray end of the sprayer at yourself or others.
Avoid spraying on windy days. Mist can be accidentally blown onto plants or objects that should not be sprayed.

Never point sprayer in the direction of people or animals; always direct downwind.

Especially in warmer weather, use sprayer in the early morning or late afternoon. Excessive heat can evaporate the mist before it settles.

Never smoke, eat, or drink while operating the sprayer.

Do not touch nozzle when sprayer is in operation.

MAINTENANCE

WARNING: To avoid serious personal injury, always remove the battery pack from the tool when cleaning or performing any maintenance.

WARNING: Always wear eye protection with side shields or goggles marked to comply with ANSI Z87.1. Failure to do so could result in fluids entering your eyes resulting in possible serious injury.

WARNING: When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage.

NOTICE: Periodically inspect the entire product for damaged, missing, or loose parts such as screws, nuts, bolts, caps, etc. Tighten securely all fasteners and caps and do not operate this sprayer until all missing or damaged parts are replaced. Please contact customer service or an authorized service center for assistance.

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use clean clothes to remove dirt, dust, oil, grease, etc.

WARNING: Do not at any time let brake fluids, gasoline, penetrating oils, etc., come in contact with plastic parts. Chemicals can damage, weaken, or destroy plastic which may result in serious personal injury.

CLEANING THE UNIT

WARNING: Always store and dispose of chemicals properly. Disposal of contaminated rinse water should be performed according to local ordinances and bylaws.

Draining the tank:

If there is any liquid left in the tank after spraying, the tank should be drained before cleaning.

Turn off the electrostatic function and remove the battery from the unit.

Unscrew the cap.

Drain the contents of the tank through the fill area.

NOTE: Drain the contents back into the original container. Do not store chemicals in the tank.

Cleaning the tank and sprayer:

Fill the tank about one-third full with clean water. A small amount of mild household detergent may be added.

NOTE: Never use flammable chemicals or abrasive cleaning agents to clean the tank.

Wipe the outside of the tank with a clean, dry cloth.

Replace the cap.

Reinstall the battery pack. Spray until the tank has been emptied. Make sure to direct the spray toward an area that will not be damaged by the spray solution.

Refill and repeat the procedure with clean water. It may be necessary to rinse the tank more than once, then drain again as directed above.

NOTE: Store the sprayer in an upright position. DO NOT store the sprayer on its side.

When not properly cleaned, the sprayer nozzle may develop residual chemical build up. This could result in decreased pressure and spray patterns.

QUESTIONS?

CONTACT US. For product information, ordering parts or safety questions please contact us. We have a team ready to assist you, Monday–Friday, 8:00am–5:00pm EST.
customerservice@clean-safely.com or +1 704-684-6110

FIGURE 001



USING THE SPRAYER

- To activate the device this safety button must be depressed before the trigger can be depressed.
- The top button as indicated turns on the electrostatic element of this sprayer. The button will light up when electrostatic is engaged.
- The bottom button is the general on/of switch. The device will not function if this button is not on. The button will light up and the front LED will turn on when engaged. Please note to optimize battery life, shut the device off when not in use.
- To remove the battery, depress the yellow button and pull towards you. To install the battery, align with the installation ramps and push forward until the yellow retainer is secure.
- Tank must be installed prior to fill. The device is intended to be filled with the reservoir in place.
- DO NOT remove the reservoir with fluid in the reservoir.
- Built-in LED light near output nozzle lets you see where you spray.

FIGURE 002



CHARGING THE BATTERY

After plugging the charger into a wall outlet, insert charging port into the battery as shown. Charging status can be seen by depressing the red button on the back of the battery. The battery circuit will prevent overcharging.