

Protocol Manual

For dispensing

HaloMist™

All-Purpose Disinfectant in the HaloFogger® and HaloFogger FLX



CAUTION

A caution statement in this manual identifies a condition or practice which, if not corrected or discontinued immediately, could lead to serious injury or death.

- 1. KEEP OUT OF REACH OF CHILDREN.
- 2. Carefully read all instructions, warnings, cautions and first aid statements prior to use.
- 3. Do not enter room while disinfectant is being dispensed. Stay out of the room after treatment until room re-entry wait time has expired. Keep door and windows closed.
- 4. Use only as directed.
- 5. Allow the full post-treatment wait time before re-occupying the room. Re-entry before the wait time has expired could result in sensory irritation and should only be done while using proper personal protection equipment (PPE) including wrap-around style goggles, 3M respirator mask and gloves.
- 6. Avoid inhalation of vapors or skin and eye contact with Halo Disinfectant fog.
- 7. Use personal protection equipment (PPE) including wrap-around style goggles and gloves when pouring disinfectant fluid into the device. Avoid splashing or overfilling which could harm the user and/or the device.
- 8. Halosil International is not responsible for any injury or damage caused by using this device outside of the specific parameters detailed in this manual.

1. General Information

HALOMIST has been registered by Halosil International in accordance with Federal Regulations for the specific uses described in this package insert. Uses other than as specified and described are not permitted and may not be effective in the disinfection of exposed surfaces in pre-cleaned, sealed rooms.

2. HALOMIST Disinfectant Application Process

Only HALOMIST should be used in the HaloFogger. Effective application of HALOMIST requires adequate product concentration and exposure time. The HaloFogger is designed to achieve the correct concentration and contact time of HALOMIST within a defined area.

Select the standard HaloFogger or HaloFogger FLX depending on room and access. Read the HaloFogger User's Manual prior to initiating the application process to determine the appropriate steps to take in development and application of the process.

The HaloFogger uses air as a carrier to deliver a dry mist (suspension of small liquid droplets in the air) of HALOMIST to exposed surfaces inside a sealed room for a selected time based on the size of the room. Read the HALOMIST SDS prior to fogging. The HALOMIST disinfectant is continuously fogged for the required dispensing time to maintain the desired concentration of the product mist. The HaloFogger will automatically stop fogging at the selected time. HALOMIST decomposes into water and oxygen.

The HALOMIST process can consist of 1, 2 or 3 phases depending upon application:

- 1. Dehumidification The Dehumidification phase is required only if the room to be disinfected is above 50% relative humidity. In rooms with higher humidity levels the dispensing of product can be affected by increased condensation levels, which can decrease the efficacy of the product. Room air is first circulated in the sealed treatment room by the dehumidifier to reduce humidity to a predetermined level in the 30-50% relative humidity (RH) range. This permits the target Dry Mist Hydrogen Peroxide (DMHP) concentration to be maintained below condensation levels during the disinfection phase. The time to reach the targeted dehumidification level increases with the volume of the room, and is dependent on environmental conditions.
- 2. Disinfection –For all disinfecting applications, HALOMIST is continuously fogged for a selected time to obtain the target DMHP concentration over a pre-established period of time for the volume of the enclosed area. It is recommended the room temperature be in the range of 20° C +/- 2° C (68° F +/- 4° F). Whenever possible, delay room re-entry and allow treated room to remain unoccupied overnight for safety and maximum efficacy.
- 3. Post Dehumidification When accelerated room re-entry is necessary, the dehumidifier will speed the reduction of the DMHP concentration within the room to a 1 ppm level prior to reentry into the room by trained applicators. Treated rooms may not be released for general public use until one hour after a 1 ppm level of DMHP is achieved in the room.

.....

3. User Safety Requirements

Refer to the product label for user safety requirements and PPE.

4. Disinfection Management Plan

4.1 GENERAL

Employees of the site to be disinfected should develop a site specific Disinfection Management Plan (DMP) for each room to be fogged with HALOMIST. The user is responsible for all tasks of the disinfection process unless noted in the DMP and must be on site for the entire disinfection treatment process. The DMP must address a full characterization of the site, and include appropriate monitoring and notification requirements, consistent with, but not limited to, the following:

- 1. Inspect the structure and or area to determine its suitability for disinfection (size, non-porous surfaces, pre-cleaned).
- 2. Seal the room to be treated adequately to ensure that DMHP levels outside the room are kept at acceptable levels and that there is adequate coverage of product within the room. Periodically monitor any occupied adjacent rooms and/or buildings to ensure safety.
- 3. Prior to each disinfection, review any existing DMP, MSDS, Equipment Manuals and other relevant safety procedures with appropriate employees.
- 4. Consult with company officials in the development of procedures and appropriate safety measures for nearby workers who will be in and around the area during application and aeration.
- 5. Consult with company officials to develop an appropriate monitoring plan that will confirm that nearby workers and bystanders are not exposed to levels above the allowed limits during application. This plan must also demonstrate that nearby residents will not be exposed to concentrations above the allowable limits.
- 6. Confirm the placement of placards to secure entrance into any area under disinfection.
- 7. Confirm the required safety equipment is in place and the necessary manpower is available to complete disinfection.

These factors must be considered in putting a DMP together. It is important to note that some plans will be more comprehensive than others. All plans should reflect the experience and expertise of the applicator and circumstances at and around the structure and/or area. In addition to the plan, the user must read the entire label and equipment manuals and follow all directions carefully. If the user has any questions about the development of a DMP, contact Halosil International or authorized distributor for further assistance.

4.2. PERSONNEL

1. Training and Certification of Applicators

Prior to use, applicators must be adequately trained and certified by Halosil International or its authorized distributor or reseller on the hazards and label directions for HALOMIST, on the use and operation of the DMHP application equipment, HALOMIST monitoring procedures and when appropriate, validation procedures.

- 2. Confirm in writing that all personnel in and around the area to be fogged have been notified prior to application of the disinfectant. Consider using a checklist that each employee initials indicating that they have been notified.
- 3. Instruct all disinfection personnel about the hazards that may be encountered; and about the selection of PPE, including detection equipment.
- 4. Confirm that all personnel are aware of and know how to proceed in case of an emergency situation.
- 5. Instruct all personnel on how to report any accident or incidents related to disinfectant exposure.

- 6. Establish a meeting area for all personnel in case of emergency.
- 7. Confirm that all applicators have been trained in the use of HALOMIST and are in good standing including any required refresher training.
- 8. Develop a Worker Health and Safety Plan as required by OSHA for applicators. The owner and operators of the facility being treated should have a Worker Health and Safety Plan as required by OSHA developed for their employees located within close proximity of the application process.

4.3. MONITORING

A. Perimeter Safety

- 1. Monitoring of HALOMIST concentrations must be conducted immediately adjacent to the fogged space to prevent excessive exposure and to determine where exposure may occur. Document where monitoring will occur.
- 2. Keep a log or manual of monitoring records for each disinfection site. This log must at a minimum contain the timing, number of readings taken and level of concentrations found in each location.
- 3. When monitoring for leaks, document that there is no DMHP present above the 0.2 ppm level. Subsequent leak monitoring is not routinely required. However spot checks must be made, especially if conditions significantly change.
- 4. Monitoring must be conducted during aeration and corrective action taken if H2O2 levels exceed the allowed levels in an area where bystanders or nearby residents may be exposed.

Ensure that the adjacent areas where levels have exceeded 1 ppm are evacuated by general personnel and that proper respiratory protection is utilized by applicators that enter the area. Continue monitoring the area until levels are below 0.2 ppm DMHP. The treated room and adjacent areas must remain unoccupied until one hour after DMHP levels are at or below 1ppm.

B. Efficacy

- 1. Chemical Indicators (CIs) may be used in all areas of the room to assure consistent delivery.
- 2. Document HaloFogger run times, temperature, room humidity and CI color change.

4.4. SEALING PROCEDURES

- 1. Sealing must be adequate to prevent any leaks. Care should be taken to ensure that sealing materials remain intact until the disinfection is complete.
- 2. If the structure and/or area has been fogged before, review the previous DMP information.
- 3. Make sure that construction or remodeling has not changed the building in a manner that will affect the disinfection process.
- 4. Warning placards must be placed on every possible entrance to the disinfection site.

4.5. APPLICATION PROCEDURES AND DISINFECTION PERIOD

- 1. Plan carefully and apply disinfectant in accordance with the label requirements.
- 2. When entering into the area under disinfection always work under the direct supervision of a trained applicator wearing appropriate PPE.
- 3. Provide watchmen when a disinfection site cannot otherwise be made secure from entry by unauthorized persons.
- 4. Follow Use Instructions (See Section 5.)

4.6. POST-APPLICATION OPERATIONS

- 1. Ventilate and aerate in accordance with structural limitations.
- 2. Turn on ventilating or aerating fans where appropriate.
- 3. Use a suitable DMHP detector before reentry to determine disinfectant concentration. (example: Drager or ATS Porta Sens II)
- 4. Keep written records of monitoring to document completion of aeration.
- 5. Remove warning placards when aeration is complete.
- 6. Inform business clients that employees or other persons may return to work or otherwise be allowed to re-enter the aerated structure.

4.7. CRITERIA FOR SUCCESSFUL DISINFECTION

1. All Cls that are properly recovered and evaluated exhibit a visible color change following exposure to DMHP.

5. Use Instructions

5.1 Room Preparation

CAUTION – Before proceeding, ensure that personnel who operate the HaloFogger have received appropriate training, including:

- Review HaloFogger User Manual and HALOMIST labeling
- Review HALOMIST Safety Data Sheet

Cleaning: Remove gross filth and visible soil. Wash soiled surfaces with a generic cleaning agent (i.e. soap and water, a multi-purpose cleaner, etc.) using a cloth, sponge, wipe or appropriate cleaning device to ensure visible soils are removed All the surfaces within the treatment area must be completely dry to the touch prior to initiating DMHP application.

IMPORTANT – The HaloFogger does not replace the requirement for manual room cleaning. You must follow facility's cleaning procedure before using the HaloFogger.

5.2. Room Set Up

- 1. It is recommended that all ventilation systems, including HVAC, be turned off for the duration of the fogging process. Seal any supply or return vents and duct work to prevent distribution of HALOMIST through the ductwork. Cover any smoke detectors. Sealing techniques can vary, but most often includes either the use of HaloShield Vent and Smoke Detector covers or polyethylene sheeting and adhesive tape.
- 2. Seal the room to be treated to ensure that DMHP levels outside the room are kept at acceptable levels and that there is adequate coverage of product within the room.
- 3. Open internal doors, cupboards, and drawers of room furniture unless specifically directed to leave them closed (as in the operating room).
- 4. Remove mattresses from beds and tilt them on their sides.
- 5. Monitor areas immediately adjacent to the fogged space to ensure levels are below TWA for DMHP.
- 6. If possible, modify ambient conditions in the room to meet the following recommended parameters: Temperature: 20° C +/- 2° C (68° F +/- 4° F); Relative Humidity: between 30% 50%.
- 7. Assure all personnel have vacated the treatment room prior to DMHP

- application. Remove all plants, animals, beverages and food.
- 8. Close all windows and seal door(s) from outside of room being treated.
- 9. Applicators must not re-enter the treated room until exposure levels of DMHP are at or below one ppm.
- 10. Placarding of Treatment Room: The applicator must placard or post all entrances to the designated buffer zones with signs in English bearing:
 - 1. The signal word "CAUTION/PRECAUCION" in red.
 - 2. "Area under treatment, DO NOT ENTER."
 - 3. The statement "This sign may only be removed after the treatment of enclosed area, after DMHP levels are less than or equal to one ppm".
 - 4. Identification of HALOMIST disinfectant as hazard associated with the treatment process
 - 5. Contact information for the applicator.

All entrances to the treatment room must be placarded. Placards must be placed in advance of the treatment in order to keep unauthorized persons from entering the treated room. Placards can be removed after the treatment room contains concentrations of DMHP are at or below 1 ppm.

5.3 Treatment Procedure Protocol

1. Position the fogger in a corner of the room approximately one foot away from the wall. Choose a corner farthest away from vents, ductwork and door. Attach the nozzle assembly to the side of the fogger (see photo) by locking the suction cup mount of the adjustable mounting armature, starting in the OFF posotion and twisting to the ON position. Once securly mounted, the ball socket can be loosened to adjust the nozzle so it is pointed towards the center of the space to be fogged. Tighten the socket knob once the nozzle direction and angle is in place. IMPORTANT – Dispensing airflow path from fogger must remain unobstructed during entire treatment procedure.

Using the tripod-mounted nozzle hose assembly

For decontamination applications where the HaloFogger FLX will be positioned outside of the room being treated:

- 1. Attach the nozzle assembly to the ball socket atop the tripod, included with the HaloFogger FLX.
- 2. Position the tripod-mounted nozzle inside the room so it is pointed towards the center of the room to be fogged. IMPORTANT Dispensing airflow path from fogger must remain unobstructed during entire treatment procedure.
- 3. Pass hose assembly through doorway. Verify door will close over hose.
- 4. Attach ends of hose to their respective air and fluid receptacles on the HaloFogger FLX. (See icons on fittings.)
- 2. Measure the length, width and height of the room. Round up to the nearest cubic foot or cubic meter. These measurements will determine the final room size and recommended run-time of the Halo Fogger.
- 3. Plug the HaloFogger into a standard, grounded electrical wall outlet. When the power connection has been made, the green status indicator light on top of the device will illuminate.
- 4. The HaloFogger run time is calculated based on a dose concentration of 0.011 oz/ft3.
- 5. Turn the timer dial on the top of the HaloFogger to the number of minutes specified for your room size. **Do not** set the timer for longer than the suggested time. Excessive fogging can cause condensation, which may reduce effectiveness.
- 6. Check the fluid level indicator lights to see level of HALOMIST in the HaloFogger It is recommended the unit reservoir be topped off before proceeding with the treatment process. Refer to the Setup and Filling, Section 8.1.

- 7. Press and hold the HaloFogger Start button for 2 seconds. The green status indicator light will begin to flash red, indicating that you have 30 seconds to leave the room before the Halo Fogger device begins to operate.
- 8. Close the door to the room after you have exited. Post a sign on the door indicating that the room should not be entered during treatment process. Note time treatment process was started on room sign.
- 9. After 30 seconds, the status indicator light will turn solid red and the HaloFogger will begin to dispense HALOMIST into the room. It is likely that you will hear the Halo Fogger running through the door.
- 10. When the HaloFogger has finished dispensing the room will be full of atomized HALOMIST disinfectant. The status indicator will remain illuminated red. DO NOT ENTER ROOM at this time.
- 11. The treated room must remain unoccupied until the minimum room re-entry wait time has expired and hydrogen peroxide concentration level (ppm) has been checked. When possible, it may be easier to delay re-entry and allow treated room to remain unoccupied overnight for safety and maximum efficacy. Hydrogen peroxide concentration levels must be at or below one ppm for safe room re-entry. Once safe levels are determined to be at or below one ppm, it is recommended that all doors and HVAC vents be opened and HVAC system be restarted to allow increased ventilation and airflow circulation in the room. Uncover smoke detectors.

Upon expiration of room re-entry wait time, to assure occupational health levels are not exceeded, using a handheld hydrogen peroxide detector (example: Dräger X-am 5100 or ATS PortaSens II), verify safe hydrogen peroxide concentration level is at or below one ppm. If level is not at or below one ppm, wait an additional 10-minutes and re-check. Continue to check until safe health exposure level is at or below one ppm. Treated room can be re-occupied after hydrogen peroxide concentration level is determined to be at or below 0.2 ppm.

- 12. When treatment is complete, unplug the HaloFogger from the power source.
- 13. Store the HaloFogger upright, in a safe, dry location. It is not necessary to drain the HaloFogger of disinfectant.

Disinfecting for High Humidity Environments and Applications Requiring Accelerated Room Re-Entry – Special Instructions

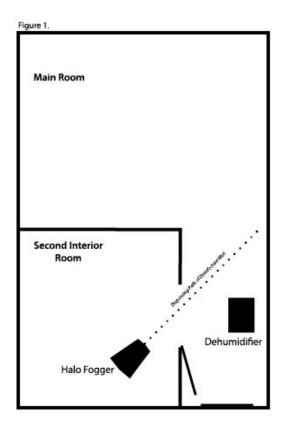
- A. Prepare the room as outlined in Sections 5.1, Room Preparation and 5.2 Room Set Up then,
- 1. Room humidity level of 30% 50% or less is recommended before starting the treatment process. Some rooms may have a higher humidity level which can extend the room re-entry time. Position the dehumidifier next to HaloFogger. Verify that the dehumidifier's reservoir is empty or empty reservoir prior to use.
- 2. Plug dehumidifier into the correct location on the Power Module and then plug the power module into a standard, grounded electrical wall outlet.
- 3. Turn on dehumidifier; set fan to highest speed setting. Check humidity level with humidity sensor; if humidity level is above 50%, let dehumidifier run until the humidity level is reduced to recommended level.
- 4. Plug the HaloFogger into the correct location on the Power Module. When the power connection has been made, the green status indicator light on top of the device will illuminate.
- 5. Continue following steps section 5.3 Treatment Procedure Protocol.

Special Instructions - Fogging a Room With a Second Room

- a. When fogging a room with a second interior room (example: bathroom in a hospital patient room), measure the length, width and height of both rooms, and combine totals to determine final room size.
- b. Position HaloFogger in the smaller interior room with front handle of the device approximately two feet from doorway, with the nozzle assembly attached to the side of the fogger pointing the nozzle towards the door opening, on a 45-degree upward angle. (See Figure 1 below.) Keep interior door open so dispensing path to main room is not blocked.
- c. Position the dehumidifier, if one is being used, outside the smaller interior room, centered in the doorway, facing towards the fogger. (See Figure 1 above.) See the next section to learn how dehumidifiers are used.
- d. Use Chemical Indicator Strips to ensure that the aerosolized disinfectant coverage reached around corners and all surfaces within both rooms. A protocol may require longer fogging times than indicated on the standard table to ensure that all corners and surfaces are reached properly.

Special Room Prep for Bathrooms:

- Lift toilet lid, leave in "up" position.
- Toilet seat can remain down.
- Remove all towels, gowns and porous items from room. Shower curtains are generally not removed but are opened so as to allow free circulation of the aerosol into the shower area and around the curtain itself.



5.4 Special Room Re-Entry Instructions

WARNING – During the treatment process, HALOMIST mist is dispensed. Personal protection equipment including the use of an appropriate air respirator is required for hydrogen peroxide concentration levels exceeding 0.2 ppm.

5.4.1 Early Room Re-Entry

In case of an emergency and/or unknown levels of Hydrogen peroxide mist that may exceed applicable exposure limits within the treated room requires an a Self Contained Breathing Apparatus (SCBA) or an airline respirator. When entering into an area with the HaloFogger running, always work with two or more people under the direct supervision of a trained applicator wearing appropriate PPE.

5.4.2 Re-Entry to Sealed Room

Re-entry to a sealed room by a trained applicator is allowed under the following circumstances:

- a. Only enter the room to perform a planned task, e.g. to retrieve equipment, open windows or turn on external vents, and then exit room in the shortest time possible.
- b. Always wear wrap around style goggles to protect against irritation of eves.
- c. Determine Hydrogen Peroxide levels prior to room entry using a handheld hydrogen peroxide detector (example: Draeger or ATI PortaSens II).
- d. Hydrogen Peroxide levels between 1 and 10 ppm requires at least a half-face respirator and appropriate eye protection) with either 3M 6003 or 6006 (organic vapor/acid gas or multi-gas) cartridge in combination with particulate filter (i.e. 5N11 or 5P71).*
- e. Using a full-face piece respirator (when quantitatively fit tested) with either cartridge mentioned in 5.4.2c gives an Assigned Protection factor of 50 for use up to 50ppm of Hydrogen Peroxide.*
- (*3M Technical Bulletin #185 and Solvay Chemicals Technical Communication TDS No. HOOH-PAA-RESP)

Otherwise, do not re-enter the treated room until exposure levels are at or below one ppm.

5.5. Releasing Treated Sealed Room for Return to Service

- 1. The treated room can be released for general public use after DMHP levels are determined to be at or below one ppm.
- 2. Once DMHP levels are determined to be at or below one ppm, applicators may re-enter the treated room and remove any sealing materials including any covered fire alarms and disconnect or remove the Halo Fogger from the treated sealed room.
- 3. Turn on ventilation systems including HVAC.
- 4. Remove placards and release the treated room for normal operation.

5.6 Emergency Vehicle Decontamination Protocol

- 1. Vehicle should be parked in an open bay near an accessible electrical outlet. Wearing proper PPE, pre-clean all ambulance surfaces of gross filth with an appropriate cleaner or cleaner/disinfectant. All surfaces must be dry prior to treatment.
- 2. If the ambulance has been in the cold for an extended period of time, pre-warm the cab and patient compartment of vehicle. Keep heat on prior to fogging so patient compartment is at or above 70 degrees F. In very humid conditions use of the vehicle's air conditioning system may be required to adjust humidity level so patient compartment is below 50% relative humidity

prior to fogging. If the ambulance bay has a fume exhaust system, turn it on. Make sure the fogging solution is not below 65 degrees F prior to use.

- 3. Notify others working in the building that a disinfection procedure is taking place and post signage accordingly.
- 4. Inside patient compartment, remove, close or bag in plastic, any porous materials. Remove and bag any sheets or blankets on the stretcher pad and place the stretcher pad on its side to expose all areas of the stretcher. Open fully any drawers or cabinets that require disinfection. Close all that don't require treatment. Close and seal all vents in compartment and door to driver's cab (optional), with painters tape. Seal exhaust vents on exterior of vehicle with painters tape.
- 5. Position HaloFogger in a back corner of the vehicle patient compartment with the nozzle pointing towards center of compartment.
- 6. Set the timer dial on top of the HaloFogger according to dimensions. Do not set timer for longer that the suggested time. Excessive fogging can cause condensation, which may reduce effectiveness.
- 7. Plug the fogger's power cord into a grounded extension cord. Pass the cord under and through the juncture of the back door seal outer corner and plug into a building wall outlet. Seal the vehicle's rear doors tightly with painters tape. Plug the extension cord into a standard, grounded wall outlet. When the power connection is made the green status indicator light on top of the fogger will illuminate.
- 8. Check the fluid level indicator lights to see the level of HALOMIST Disinfectant in the fogger. Refer to the Set Up and Filling instructions in the HaloFogger manual.
- 9. Press and hold the Start button on the HaloFogger for 2 seconds. The green status indicator light will begin to flash red indicating you have 30 seconds to vacate the vehicle before the HaloFogger begins to operate.
- 10. Upon exiting vehicle through side door, seal all side door seams with painters tape.
- 11. When the HaloFogger has finished dispensing the vehicle will be full of aerosolized HALOMIST disinfectant. DO NOT ENTER VEHICLE at this time.
- 12. The treated vehicle must remain unoccupied until the hydrogen peroxide concentration is at or below one ppm for safe vehicle re-entry. Once safe levels are determined to be at or below 1 ppm, it is recommended that all vehicle doors and be opened to allow increased ventilation and airflow circulation in the room.

Upon expiration of vehicle re-entry wait time, to assure occupational health levels are not exceeded, using a handheld hydrogen peroxide detector, verify safe hydrogen peroxide concentration level is at or below 0.2 ppm. Vehicle can be re-occupied after hydrogen peroxide concentration level is determined to be at or below 0.2 ppm.

- 13. When treatment is complete, unplug the HaloFogger from the power source.
- 14. Store HaloFogger upright, in a safe, dry location. It is not necessary to drain HaloFogger of disinfectant.
- 15. Exterior ambulance compartments like the outside door handles including cab and exterior stretcher compartment, for example, may be sprayed with HALOSPRAY disinfectant according to label directions.

6. Precautions

6.1 Caution Statements

A caution statement in this manual identifies a condition or practice which, if not corrected or discontinued immediately, could lead to serious injury or death.

1. KEEP OUT OF REACH OF CHILDREN.

- 2. Carefully read all instructions, warnings, cautions and first aid statements prior to use.
- 3. Do not enter room while the Halo Fogger is in use. Keep door and windows closed.
- 4. Use only as directed.
- 5. Allow Room Re-entry Wait Time to expire before re-occupying the room. Re-entry before wait time has expired could result in sensory irritation and should only be done while using proper personal protection equipment (PPE) including, at a minimum, wrap-around style goggles, N-95 respirator mask and gloves.
- 6. Avoid inhalation of vapors or skin and eye contact with HALOMIST fog.
- 7. The Halo Fogger is designed for ease-of-use. However, only properly trained individuals should use this device.
- 8. Electric shock hazard. Do not plug in if electrical plug or parts are wet.
- 9. There are no user-serviceable parts inside the Halo Fogger other than the nozzle. An operator may only perform maintenance procedures specifically described in this manual. The manufacturer should make all other repairs.
- 10. While in use, the body of the Halo Fogger may become warm to the touch. Use caution when handling.
- 11. Use personal protection equipment (PPE) including wrap-around style goggles and gloves when pouring disinfectant fluid into the device. Avoid splashing or overfilling which could harm the user and/or the device.
- 12. Specific warning and caution statements are included for HALOMIST (see Section 6.3).
- 13. Halosil International is not responsible for any injury or damage caused by using this device outside of the specific parameters detailed in this manual.

6.2 Operation Warnings

These warnings pertain to the actual use of the HaloFogger unit.

- 1. To ensure effectiveness and safety, use **only** with HALOMIST. Using any other manufacturer's disinfecting or cleaning product **will** result in serious injury, exposure and environmental damage.
- 2. Position the device on a secure surface to prevent rolling or moving while in use.
- 3. Use only a OEM supplied electrical cord.
- 4. Always unplug the power cord from the outlet before moving the device.
- 5. Clean debris from the device nozzle and funnel on a regular basis according to the instructions in the HaloFogger User Manual.
- 6. Regularly check disinfectant fluid level to ensure sufficient volume is present to treat each particular room size.
- 7. Do not set the timer for longer than the suggested fogging time. Excessive fogging can create condensation, which may activate fire alarm systems.
- 8. Protect this device from severe impact or shock.
- 9. Take care to prevent water or other fluid from entering the device. Should this occur, allow to completely dry before use. Check the accuracy of all operating functions.
- 10. Do not tip the HaloFogger on its side at any time unless completely empty and dry.

- 11. Store the HaloFogger in an upright position, in a safe, dry location. Do not place anything on top of the device.
- 12. Additional warning and caution statements are included for HALOMIST.

7. Routine System Maintenance and Troubleshooting

Refer to the HaloFogger User Manual for instructions regarding routine system and troubleshooting guidance.

8. Storage and Disposal

Storage: Store in a safe, dry location. Do not place anything on top of the device. Store in an upright position. Keep the refill door closed.

Do not allow HALOMIST to be stored in the HaloFogger for longer than one year.

Disposal: Electrical and electronic devices may not be disposed of with domestic waste. This product is in accordance with the law "waste electrical and electronic equipment" (WEEE).

Please contact your local representative for more information.

CAUTION/PRECAUCION

DO NOT ENTER/ENTERINO **Room Fogging in Progress**

Treatment Date / Start Time:

Estimated Room Re-entry Time*:

Halosil

www.halosil.com



91 Lukens Drive New Castle, DE 19720 USA Tel +1 302-454-8102 Fax +1 302-454-8009

Learn how to reduce infection rates at your facility by visiting www.halosil.com. There you can find out more about the Halo Disinfection System™, download literature and case studies, and find a distributor near you.

Follow us on social media:



Linked In: www. linked in. com/company/halosil-international-llc



Twitter: twitter.com/halodisinfects



Facebook: www.facebook.com/halodisinfectionsystem