

# ARE YOU BEING EXPOSED TO INFECTION WITHOUT KNOWING IT? THE RISK IS REAL.

40,000 people die from a MRSA infection every year in the US.\*

WHY YOU SHOULD

In 2009, only 45% of American adults received a seasonal flu vaccine.\*\*



The spreading of germs that cause illnesses, like the common cold and flu to more serious infections like H1N1 and MRSA, is a concern for everyone. Whether transferred directly by skin-to-skin contact, airborne (sneezing, coughing) or indirectly by using contaminated shared objects, the result is a population continually exposed to potentially devastating illnesses without knowing it.

Common cleaning methods are not enough. Traditional cleaners and disinfectants, including household chlorine bleach, are used incorrectly, generate carcinogenic/toxic disinfecting by-products, and have been linked to health problems such as asthma and severe skin and eye irritation. This is why Sanosil S010 was created. Sanosil's unique formula is an effective alternative to disinfectants being used today for pre-cleaned surfaces. It's no wipe, no rinse formula kills 99.99% of all bacteria, viruses and fungi, including Rhinovirus (common cold), H1N1 and MRSA. Independent tests endorse the effectiveness of Sanosil against many of the most serious microorganisms.

Learn how adding Sanosil S010 to your infection prevention measures can help eliminate the threat you can't see and reduce *your* chances of exposure to infection.

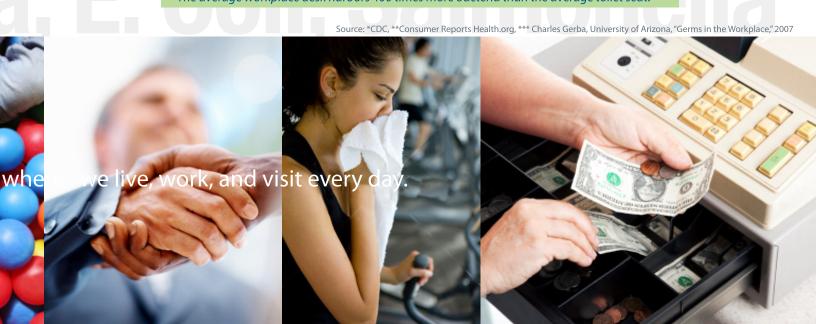


In the US alone, 98,000 patients die every year after contracting a Hospital Acquired Infection (HAI).\*

### **BE CONCERNED:**

In 2009, 11,000 people died from the H1N1 Swine Flu Pandemic in the US.\*

The average workplace desk harbors 400 times more bacteria than the average toilet seat.\*\*\*



# WHAT IS SANOSIL S010?

Sanosil S010 is a patented, ready-to-use surface disinfectant effective in killing 99.99% of bacteria, viruses and fungi found on pre-cleaned surfaces.

#### Sanosil S010 is:



- Ready-to-Use, no mixing
- EPA Registered (EPA No. 84526-1)
- Simple no rinse or wipe formula reduces risk of cross contamination associated with using a rag, wipe or sponge
- Kills 99.99% of viruses, bacteria and fungi
- Odorless
- · Can be sprayed or fogged
- No known bacterial resistance
- Safe decomposes into water and oxygen
- Sanosil contains no chlorinated or brominated ingredients
- Effective in hard to reach areas like nooks, crevices and corners
- Prevents the growth and re-occurance of mold

#### A Multi-Faceted Killing Mechanism

Sanosil combines hydrogen peroxide and silver synergistically, releasing highly reactive free radicals that immediately begin to attack the cell membrane of the targeted microorganism. These weaken the cell and allow the silver ions to enter. Together, the silver and hydrogen peroxide destroy the microorganism by:

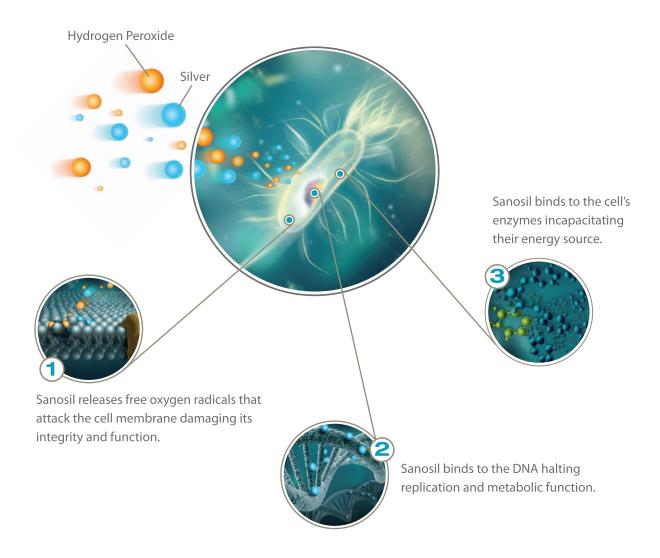
- 1. Attacking and disrupting the cell membrane.
- Binding to the enzymes causing denaturation. This incapacitates the energy source of the cell causing rapid death.
- 3. Binding to the DNA to stop replication.

During the process, hydrogen peroxide decomposes into oxygen gas, which creates a highly toxic environment for anaerobes. This completes the active disinfection process.

#### **Cleaning versus Disinfecting**

Cleanliness is the number one problem for controlling the spread of infectious diseases. The typical cleaning measures used today remove only the dirt and grime from a surface, leaving the surface cleaned but not disinfected. Even after a thorough cleaning, quite often germs are left behind on surfaces; the viruses that can cause infection and illness, and the bacteria that cause odors for example. Only by using a dedicated disinfectant can you eliminate the threat you can't see and Sanosil S010 is an effective alternative for your surface disinfecting needs.

# **HOW SANOSIL WORKS**





Traditional cleaners and disinfectants, including household chlorine bleach, may generate toxic by-products and exposure to these chemicals has been associated with health problems such as asthma and severe skin and eye irritation.

Sanosil does not contain chlorine, sodium hypochlorite (bleach), alcohol, aldehydes, phenolics, quaternary ammonium compounds (quats), or sodium hydroxide.

# **SANOSIL** can be used for many disinfecting



Children in **DAYCARES** have a tendency to pick up and spread any number of germs because of congregating in such close proximity and through the sharing of toys, utensils and play areas. There is a legitimate fear of sending a healthy child to daycare and picking him or her up at the end of the day with a cold or worse.

- Play Rooms, Toys Snack and Napping Areas Nurse's Office Arts and Crafts Area
- Restroom, Sinks and Toliets



**GYM** cleanliness is vital to members. They expect clubs to be germ-free. Showers, Floors, Locker Rooms, Restrooms and Fitness Equipment are the most common areas for exposure to an infection due to the high-traffic use. This is important because some cold and flu viruses can survive on surfaces for up to 72 hours.

• Saunas, Sinks and Showers • Locker Rooms • Workout Equipment • Exercise Rooms



In **ASSISTED CARE FACILITIES**, care givers travel from room to room, interacting with patients and equipment so a thorough disinfection is critical due to the somewhat frail nature of the patients and their immune systems. Typically, housekeeping has only a short window of time to clean before a new patient arrives in a room.

• Patient Rooms and Equipment • Bathrooms • Nurse's Stations • Activity Rooms



Employees **WORK** in close proximity with one another sharing space, equipment and tasks. This kind of interaction encourages person-to-person and surface contact to person transmission of bacteria and viruses. How many sick days can your business afford?

- Offices and Conference Rooms Kitchenettes and Appliances Elevators Bathrooms
- Electronics, Desks, Countertops

# applications including:

**VETERINARIANS** and assistants can see many pets throughout their day potentially exposing them and their other "patients" to many serious diseases. With different breeds and varieties of pets moving through the facility, the high-traffic areas like the reception area, the exam rooms and kennel areas are prime infection transfer locations.

- Reception Desk and Waiting Room Exam Rooms Pet Grooming Areas
- Restroom, Sinks and Toliets Kennels

Over 98,000 patients die each year from infections they acquire after being admitted to a **HOSPITAL** or other healthcare facility. Because of their size and complexity, hospitals are difficult to properly disinfect. In addition, healthcare workers routinely work with multiple patients over a shift increasing the chances for spreading infections.

- Patient Rooms Equipment Storage Rooms Operating Rooms
- Triage and Pre & Post Op Reception and Waiting Rooms

responding to the outbreak of illness, while also responding to the pressure from parents and faculty to keep facilities germ free. Students tend to have reduced levels of personal hygiene so the greatest risk of infection comes from surfaces touched by multiple people.

• Athletic Workout and Training Rooms • Lecture Halls • Dorm Rooms

#### **DOCTORS, NURSES AND PHYSICIAN'S ASSISTANTS**

see multiple patients throughout their day. Not all of their patients show symptoms of an infection at the time of an office visit so it is critical that every step be taken to prevent the spread of infection, from hand washing to the routine cleaning and disinfecting of equipment, and reception and examination rooms.

• Reception Desk • Waiting Rooms • Equipment • Restrooms • Treatment Rooms









# **SANOSIL S010 SPRAY**

#### For convenient spot disinfecting of pre-cleaned surfaces

#### **Wiping Spreads Germs**

Independent studies show that even after thorough wiping with a disinfectant, high levels of residual bacteria can still be found in a room. The problem can be traced back to wiping. Wiping picks up bacteria and viruses and carries them from surface to surface. There is no way to avoid the danger of cross-contamination when wiping is involved.

- Most disinfectants have to be left on surfaces for at least 10 minutes to kill germs (read the label). People tend to immediately wipe a surface after spraying it. Therefore, the disinfectant is not in contact with the surface long enough to effectively disinfect.
- Anti-bacterial wipes also remove disinfectants from surfaces too quickly to disinfect.
- Sponges have been identified as one of the most contaminated items, harboring millions of bacteria and viruses.
- Anti-bacterial wipes, sponges and rags are all too large to reach into cracks and crevices.
- When using a rag or sponge, there is no way to be sure how much disinfectant is reaching the surface.
- Spraying and wiping is labor intensive and time consuming.



# NO WIPE. NO RINSE. REDUCES CROSS-CONTAMINATION. Just spray and walk away.



#### A Sign With A Powerful Message

The bold SANO•SEALED™ mark tells everyone who sees it that Sanosil S010 Disnfectant is being used with Sanosil's Halo Fogger to supplement infection prevention measures, like manual cleaning, with unique and powerful room surface disinfection.

# SANOSIL HALO™ FOGGER

# Delivering powerful supplemental room surface disinfection

The Sanosil Halo Fogger is an amazing new delivery technology designed to supplement infection prevention measures, like manual cleaning, with unique and powerful room surface disinfection.

At the push of a button, the Halo dispenses a dry mist of atomized Sanosil S010 into the air. The droplets fill the room and are drawn into every nook, crevice and corner, reaching surfaces that regular cleaning and disinfecting can't. The Halo assures a homogenous distribution of disinfectant on all surfaces in the room, reducing the risk of cross-contamination of infectious diseases associated with using a rag, wipe or sponge.



- The Halo Fogger reduces the risk of cross-contamination associated with using a rag, wipe or sponge
- The Halo is ideal for use in heavily used, large public areas
- Rooms can be reoccupied in as quickly as 110 minutes after treatment\*
- Treat rooms up to 10,000 ft<sup>3</sup> in size with one unit
- Reach surfaces that regular cleaning and disinfecting can't
- **Less Labor** operates automatically: just fill, set time, press start and leave the room.
- Less Cost less than \$4 to treat 1,000 cubic feet!







<sup>\*</sup>To ensure occupational health hazard levels are not exceeded, 110 minute re-entry time is for a room size of 1,800 ft<sup>3</sup> (50 m<sup>3</sup>) or smaller. Larger rooms require longer re-entry wait times.

# **SANOSIL S010 IS EFFECTIVE AGAINST\*:**

Test Organism	ID	Kill Time
Salmonella enterica	ATCC 10708	5 min
Staphylococcus aureus	ATCC 6538	5 min
Staphylococcus aureus – MRSA	ATCC 33592	5 min
Staphylococcus aureus & Enterobacter aerogenes	ATCC 13048	5 min
Bacteria		
Pseudomonas aeruginosa	ATCC 15442	10 min
Staphylococcus aureus	ATCC 6538	10 min
Salmonella enterica	ATCC 10708	10 min
Staphylococcus aureus – MRSA	ATCC 33592	10 min
Enterobacter aerogenes	ATCC 13048	10 min
Escherichia coli	ATCC 11229	10 min
Sulfate Reducing Bacteria		
Viruses		
Human Immunodeficiency Virus type 1 (HIV-1)	Strain HTLV IIIB	10 min
Influenza A virus Hong Kong (flu virus)	ATCC VR-544	10 min
Avian Influenza A (H5N1) virus (flu virus)	Strain VNH5N1	10 min
Rhinovirus type 37	ATCC VR-1147	10 min
Swine Influenza A (H1N1)	ATCC VR-333	10 min
Fungi		
Trichophyton mentagrophytes	ATCC 9533	10 min

<sup>\*</sup> EPA registered claims summary at time of printing. Subject to change.



#### A PLAN FOR THE FUTURE

Protect your employees and family beyond a flu shot, all year long.

Promote your business to be Sano-Sealed to attract and retain customers.

Reduce the impact of the next pandemic on your business.

Sanosil S010 Disinfectant and the Halo Fogger deliver the ability to kill the invisible threat and reduce your risk of exposure to infections, while providing an improved state of health for your facility. Sanosil is easy to apply: just spray and walk away, or press start to easily fog a room with the Halo Fogger. Sanosil provides an effective alternative to the harmful disinfectants being used today.

The risk is real. And so is the solution. Sanosil.



For more information, please contact





# Is your space SANO·SEALED?











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# Sanosil International - Surface Disinfection **Product List**



SID584EN C 02/12

#### Sanosil S010 Disinfectant

For convenient spot disinfecting of pre-cleaned surfaces

EPA Reg No. 84526-1

#### **Active Ingredients:**

5.0% Hydrogen Peroxide, 0.01% Silver

#### **Product Item No.:**

S010N0Q6 Case, x6 - 32 oz Spray Bottles

Case Shipping Dimensions (LxWxH): 10" x 9" x 11" (254 x 229 x 279.4 mm)

Case Shipping Weight: 16 lbs (7.2 kg) Shipping NMFC 57100 Sub 2

Shipping Class 85

S010N0G4 Case, x4 - 1-Gallon Bottles (3.8L) - use to fill Sanosil Halo Fogger

Case Shipping Dimensions (LxWxH): 11" x 11" x 11" (279.4 x 279.4 x 279.4 mm)

Case Shipping Weight: 48 lbs (21.74 kg)
Shipping NMFC 57100 Sub 2

Shipping Class 85





#### Sanosil Halo™ Fogger

Delivering powerful supplemental room surface disinfection

#### **Product Item No.:**

**Electrical** 

0750-110 110V version for North America0750-220 220V version for International

#### **Halo Fogger Specifications**

 Mechanical
 Height
 40.0" (1016 mm)

 Width
 13.25" (336.6 mm)

Depth 18.5" (470 mm)

Weight Approximately 50 lbs (22.7 kg)
Power Requirements 110V Version - North America

220V Version - International
Certification MET UL 969, MET CE

Current Rating 4 amps

Fuse 10 amps, 250 volt, slow acting, 5 x 20mm

Electrical Rating 4 amps, 115 volt, 60 Hz (

220 volt, 50 Hz for the 220V Halo)

**Performance** Nozzle Flow 1.0 oz / min +/- 20%

Volumes Treated 400 – 10,000 ft3

#### **Shipping Information**

Shipping Dimensions 45" x 21" x 19" 1143 x 533.4 x 482.6 mm

Shipping Weight 70 lbs 31.7 kg

Shipping NMFC 177670 Sub 6

Shipping Class 100

#### Sanosil Halo Fogger Starter Kit

Convenient bundle of items to help get you started

#### **Product Item No.:**

STRKT110 (110V version) STRKT220V (220V version)

#### Starter Kit Includes:

- Sanosil Halo Fogger
- Sanosil Halo Fogger User Manual
- Sanosil S010 Disinfectant
  1 case (4x 1-gallon bottles)
- Sanosil Chemical Indicator H<sub>2</sub>O<sub>2</sub> Strip Tests, 1 container (50 strips)
- Sanosil Human Healthcare Market Product List
- Sanosil Best Practice Protocol -Room Disinfecting with the Sanosil Halo Fogger

# Sanosil International - Surface Disinfection **Product List**



SID584EN C 02/12

Sanosil Halo™ Fogger **Accessories** 

#### Halo Fogger Nozzle Assembly

Dispensing Performance Upgrade for Halo Fogger

**Product Item No.:** 

0750-000 includes Nozzle Insert and Main Bolt



#### Halo Fogger Power Cord

Replacement

**Product Item No.:** 

0750-110VPC 8' length, North America 0750-220VPC 8' length, International





#### International 220V Plug Adapter Kit

**Product Item No.:** 

0750-220VADPK



#### Sanosil Power Module

Power source and system logic for Halo Defensor™ system components

**Product Item No.:** 

20PMOD12-110 110V Version - North America

20PMOD12-220 220V Version - International (Currently not available)



Dimensions (LxWxH) 4.5" x 4.5" x 2.5" (114.3 x 114.3 x 63.5 mm)

Weight Approximately 2 lbs (0.09 kg)

Sensing Range 0.5A to 4A

MAX Current through Sensor 20A limited by wire size

Sensor Frequency Range 50-60 Hz

Trip Point Adjustable (Single turn pot)

Operating Temperatures -20°C to 85°C Operating Voltage 120VAC



#### Sanosil Chemical Indicator H<sub>2</sub>O<sub>2</sub> Strip Tests

Used to visually confirm coverage of mist dispensed by Halo Fogger

**Product Item No.:** 

H2O2STPS-50 Container, x50 strip tests

For more information, please contact







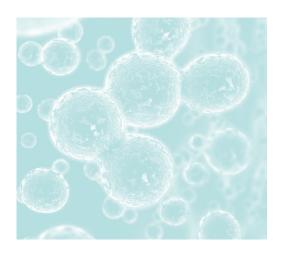
# **Fast Facts** about Sanosil S010 Disinfectant and the Halo™ Fogger



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# What makes Sanosil S010 different from other hydrogen peroxide disinfectants?

- Sanosil is a patented, ready-to-use, 5% hydrogen peroxide, 0.01% silver formula the *only* EPA registered disinfectant with this formulation.
- Hydrogen peroxide is the oxidizing agent and the silver adds a broadspectrum anti-microbial element to this unique formula.
- A complex blending process stabilizes the H<sub>2</sub>0<sub>2</sub> while amplifying the antimicrobial action ten-fold delivering a formula that behaves completely different than its original ingredients.
- The result is a radical fluid architecture, a multi-faceted killing mechanism against pathogens with an extended storage life of greater than 1-year.



#### SO10 DISINFECTANT



- Patented hydrogen peroxide/silver disinfectant formula
- EPA registered disinfectant (EPA Reg. No. 84526-1)
- Effective 99.99% killing of bacteria, viruses and fungi found on pre-cleaned, non-porous, non-food surfaces.
- Ready-to-use formula, no mixing.
- No rinse. No wipe. Reduces cross-contamination associated with using a rag, wipe or sponge.
- Exceptional storage stability of greater than 1-year.

#### HALO FOGGER



- Dispenses atomized dry mist of S010 disinfectant, reaching surfaces regular cleaning and disinfecting can't.
- Greater coverage for a more thorough and effective disinfecting.
- Operates automatically: just fill, set time, press start and leave room.
- Costs less to purchase and operate than other systems or technologies.
- No distance, directional or line-of-sight issues associated with other technologies.
- Compact and portable unit handles and stores easily.

#### **Helpful Definitions:**

**Preclean:** Clean surfaces *prior* to applying S010 disinfectant. Remove all debris, dirt, grime and residue from surfaces. **Adjunct Claim:** Applies to the *fogging* of S010 only - Apply S010 *following* manual cleaning and disinfecting of surfaces. **Environmentally-preferable:** No hazardous by-products; Sanosil S010 safely decomposes into oxygen and water. **Non-porous:** Nonabsorbent surfaces including linens, fabrics, etc.

For more information, please contact





#### Sanosil S010 Technical Data



#### **Description**

Sanosil S010 is an EPA registered oxidizing disinfectant for use on pre-cleaned, hard non-porous, non-food contact surfaces. Sanosil is a patented, synergistic formulation of hydrogen peroxide and silver, effective in killing 99.99% of bacteria, viruses and fungi found on pre-cleaned surfaces.

#### **Efficacy Summary**

#### Bactericidal Sanitizer

5 minute contact time

- Enterobacter aerogenes (ATCC 13048)
- Salmonella enterica (ATCC 10708)
- Staphylococcus aureus (ATCC 6538)
- · Staphylococcus aureus MRSA (ATCC 33592)

#### **Fungicidal**

10 minute contact time

• Trichophyton mentagrophytes (ATCC 9533)

All claims backed by 3rd party vaildation.

#### **Bactericidal AOAC Spray**

**10 minute** contact time

- Enterobacter aerogenes (ATCC 13048)
- Escherichia coli (ATCC 11229)
- Pseudomonas aeruginosa (ATCC 15442)
- Salmonella enterica (ATCC 10708)
- Staphylococcus aureus (ATCC 6538)
- · Staphylococcus aureus MRSA (ATCC 33592)

#### Viricidal

10 minute contact time

- Human Immunodeficiency Virus type 1 (HIV-1) (Strain HTLV IIIB)
- Avian Influenza A (H5N1) virus (flu virus) (Strain VNH5N1)
- Influenza A virus Hong Kong (flu virus) (ATCCVR-544)
- Swine Influenza A (H1N1) (ATCC VR-333)
- Rhinovirus type 37 (ATCC VR-1147)

#### **Toxicity Summary**

Acute Oral Toxicity: LD50>5000 mg/kg in female rats

**Acute Dermal Toxicity:** LC50>5000 mg/kg in male and female rats

**Acute Inhalation Toxicity:** LC50 > 2.08mg/L in male and female rats

**Acute Eye Irritation:** Moderate eye irritant **Acute Dermal Irritation:** Slight skin irritant **Skin Sensitization:** Not a contact sensitizer

#### **Technical Data**

Units **Property Organic Solvents** 0%

**Active Ingredients** 

Hydrogen Peroxide 5% Silver .01% Other Ingredients 94.99% рН 1.019 Specific Gravity

1 year storage stability

#### **S010 Advantages** over other disinfectants

- EPA Registered (EPA No. 84526-1)
- Safe decomposes into water and oxygen
- Simple no rinse or wipe formula
- Kills 99.99% of viruses, bacteria and fungi
- Odorless and colorless
- · Can be sprayed or fogged
- No known bacterial resistance
- Prevents the growth and re-occurance of mold

Halo Fogger Technical Data on opposite side



#### Sanosil Halo Fogger Technical Data



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#### Description

The Sanosil Halo Fogger is an amazing new delivery technology designed to supplement infection prevention measures, like manual cleaning, with unique and powerful room surface disinfection.

At the push of a button, the Halo dispenses a dry mist of atomized Sanosil S010 into the air. The droplets fill the room and are drawn into every nook, crevice and corner, reaching surfaces that regular cleaning and disinfecting can't. The Halo assures a homogenous distribution of disinfectant on all surfaces in the room, reducing the risk of cross-contamination of infectious diseases associated with using a rag, wipe or sponge.



#### **Application Data**

#### % Kill / Inactivation

<ul> <li>Pseudomonas auerginosa (ATCC 15442)</li> </ul>	>99.99
• Staphylococcus aureus MRSA (ATCC 33592)	>99.99
• Rhinovirus Type 37 (ATCC VR-1147)	>99.9
• Influenza A (H1N1) (ATCC VR-333)	>99.999

Non GLP tests. All results backed by 3rd party validation. Testing based on 20 minute fogging of 1,800 cu ft room with 90 min settling time.

#### **Specifications:**

- Unit size: 13.25" wide x 18.5" deep x 40" tall
- Unit weight: 50 lbs dry
- Plugs into any standard 110V wall outlet
- On-board reservoir holds up to two gallons of Sanosil disinfectant, enough to treat up to 10,000 cubic feet (1,000 square feet with 10' ceilings)

#### **Advantages:**

- The Halo reaches surfaces that regular cleaning and disinfecting can't
- The Halo reduces the risk of cross-contamination associated with using a rag, wipe or sponge
- The Halo is ideal for use in heavily used, large public areas
- The Halo operates automatically to reduce labor and exposure; just fill, set time, press start and leave the room
- Rooms can be reoccupied in as quickly as 110 minutes after treatment\*



Sanosil S010 Technical Data on opposite side







<sup>\*</sup>To ensure occupational health hazard levels are not exceeded, 110 minute re-entry time is for a room size of 1,800 ft<sup>3</sup> (50 m<sup>3</sup>) or smaller. Larger rooms require longer re-entry wait times.

#### A Walk Around Tour of the Sanosil Halo Fogger



Become familiar with the parts and features of the Sanosil Halo.

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#### Status Indicator Light

#### High Precision Nozzle -

Rear Handle -

lonized mist of disinfectant is dispersed via the nozzle.

#### Timer Dial —

Turn the dial to set time for fogging treatment.

Fogging Time Chart can be found on page 9 of Halo User Manual and on the rear panel of the Halo device.

#### Start Button —

Press and hold for 2 seconds to start room disinfecting.

# Disinfectant Fluid Level Indicator

Shows how much disinfectant is in the reservoir and when it is time to refill.

#### Reservoir Door \_

Push and flip open for easy access and refilling.

Front Handle -



#### **Reservoir Door -**

#### **Funnel Opening**

Use care to avoid splashing when pouring disinfectant.



Large Wheels

For easy maneuvering.

#### **Power Cord Connection**

Insert the power cord into the receptacle located on the rear of the Halo.

For more information, please contact



Sanosii AUTHORIZED RESELLER
Surface Disinfection Products

# Reduce the risk of potential exposure to infectious diseases from germs traditional cleaning methods leave behind with a new adjunct surface

Unique and Powerful Supplemental Surface Disinfection with the

**Halo**<sup>™</sup> **Fogger** from Sanosil

disinfection method that saves time and labor.

For more information, please contact









#### HALO™ FOGGER For Powerful Supplemental Surface Disinfection



#### How the Halo Works:

#### Step 1: Fill

Fill reservoir with Sanosil S010 Disinfectant.

#### Step 2: Set Time

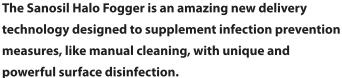
Turn Timer Dial to the established fogging time.

#### **Step 3: Press START**

Press START to begin the disinfecting process.

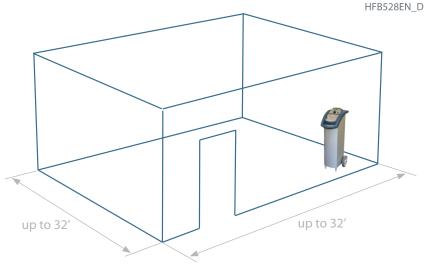
#### **Step 4: Leave room**

Leave room. That's it!



At the push of a button, the Halo dispenses a dry mist of atomized Sanosil S010 into the air. The droplets fill the room and are drawn into every nook, crevice and corner, reaching surfaces that regular cleaning and disinfecting can't. The Halo assures a homogenous distribution of disinfectant on all surfaces in the room, reducing the risk of cross-contamination of infectious diseases associated with using a rag, wipe or sponge.

Use the Halo in Daycare Facilities, Gyms and Fitness Centers, Assisted Care Facilities, Workplaces, Schools & Universities, Hospitals; *anywhere* there is a potential for being exposed to germs that can cause illness.



#### Advantages:

- Reduces the risk of cross-contamination associated with using a rag, wipe or sponge
- · Costs less than \$4.00 to treat 1,000 cubic feet
- Treat up to 10,000 cubic feet at a time with one unit
- Kills 99.99% of bacteria, viruses, mold and fungi found on surfaces *including MRSA*, *H1N1*, *Rhinovirus*
- Easy-to-use: just fill, set time, press start and leave the room
- Sanosil S010 Disinfectant is EPA registered, odorless, colorless
- Protect yourself and your employees beyond a flu shot, all year long
- Promote your business to be "SANO-SEALED" to attract and retain customers

#### **Halo Fogger Specifications:**

- Unit size: 13.25" wide x 18.5" deep x 40" tall
- Unit weight: 50 lbs dry
- Plugs into any standard 110V wall outlet
- On-board reservoir holds up to two gallons of Sanosil disinfectant, enough to treat up to 10,000 cubic feet (1,000 square feet with 10' ceilings)



#### WHAT THIS SYMBOL MEANS FOR YOU.

The bold SANO•SEALED mark tells everyone that you're using Sanosil S010 Disinfectant and Sanosil's Halo Fogger, an amazing new delivery technology designed to supplement infection prevention measures, like manual cleaning, with powerful surface disinfecting. Together, they work to eliminate the threat you can't see and reduce *your* exposure to infections.

# Fogging Sanosil S010 Disinfectant Material Compatibility Study Recommendations



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Material	Compatibility	Comments
Aluminium 5251/H22 sheet	Excellent	possible slight surface oxidation/discoloration
Aluminium Alloy Niploy Coated	Excellent	
Aluminium Bronze	Excellent	
Anodized Aluminium 30 microns	Excellent	
Brass sheet	Excellent	possible slight surface discoloration
Copper sheet	Caution	potential for severe surface change
Mild steel	Caution	potential for surface rust and pitting
Stainless steel	Excellent	possible slight surface discoloration
Brushed painted mild steel	Caution	potential for blistering of painted surface
Epoxy painted mild steel	Excellent	
Galvanized steel	Excellent	
Polyester powder coated aluminium	Excellent	
Stove enamel painted mild steel	Excellent	possible slight surface discoloration
ABS Plastic	Excellent	
Acrovyn	Excellent	
Glass Reinforced Plastic (GRP)	Excellent	possible gas absorbtion in glass fiber side
Machinable Nylube PBC	Fair	potential for surface texturing and discoloration
Neoprene	Excellent	possible slight surface powdering
Perspex	Excellent	
Polypropylene	Excellent	
Polythene	Excellent	
PTFE	Excellent	
PVC	Excellent	
PVC Foam	Excellent	possible outgassing
Silicone rubber seal	Excellent	
Torlon	Excellent	
Viton	Excellent	

#### Other items / assemblies

Desmopan timing drive belt possible slight surface discoloration Excellent Door-closer Excellent possible surface discoloration of components Excellent Ceramic tiles Computer system with monitor Excellent Linear bearing Excellent Rubber floor tiles Excellent Window frame (double glazed) **Excellent** 



