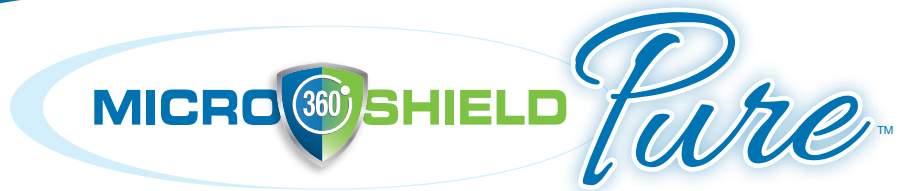


## A New Generation of Clean

Products made with water, salt & electricity



### On-site generator makes 6 different cleaning products for daily use.

#### NaOH - Cleaner & Degreaser

- Effective, zero residue cleaner and degreaser - 12pH
- GS-37 - Green Seal® Certified
- Can be diluted on-demand into a multi-purpose cleaner and glass/chrome/stainless cleaner

#### HOCl - The Disinfectant

- 500ppm RTU tuberculocidal strength disinfectant with a neutral pH
- GS-53 - Green Seal® Certified
- Can be diluted on-demand into a sanitizer and deodorizer



Two (2) 3 Gallon Holding Tanks



Two (2) 15 Gallon Holding Tanks

## Two Convenient Sizes

Pro-OS & Mini-OS

Mini-OS
<b>Power</b>
115 VAC Power Input
12 VDC Power Internally
1.8-2.0 Amp Draw
<b>Water</b>
30-50 PSI, Cold Water Only
<b>Dimensions</b>
19" wide x 19" deep x 60" tall
Includes brine tank and water softener
<b>Two (2) 3 Gallon Holding Tanks</b>
HOCl Tank output 6 GPHr production
NaOH Tank output 2 GPHr production

Pro-OS
<b>Power</b>
110 VAC Power Input
24 VDC Power Internally
6.5-7.0 Amp Draw
<b>Water</b>
30-50 PSI, Cold Water Only
<b>Dimensions</b>
27" wide x 20" deep x 60" tall
Includes brine tank and water softener
<b>Two (2) 15 Gallon Holding Tanks</b>
HOCl Tank output 12 GPHr production
NaOH Tank output 4 GPHr production

EPA REGISTERED

MADE IN USA

You are now **PROTECTED.**

**MicroShield 360**

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## ON-SITE GENERATION PRODUCT USAGE SHEET

Below is an itemized list of the (6) cleaning and disinfecting products the machine produces as well as a list of **Key Attributes** and **Where to Use** for each of them.

The colors of the product correspond to the labeling of the bottles that have been supplied.

Please note all products are Green Seal Certified.

PRODUCT	KEY ATTRIBUTES	WHERE TO USE	
<b>Degreaser</b>	<ul style="list-style-type: none"> <li>Converts oils into soaps (natural emulsifier)</li> <li>~12pH</li> <li>No PPE required</li> </ul>	<ul style="list-style-type: none"> <li>Heavily soiled, greasy surfaces &amp; drains</li> <li>Carpets, furniture</li> <li>Spot cleaning</li> </ul>	CLEANERS
<b>All-Purpose Cleaner</b>	<ul style="list-style-type: none"> <li>Diluted <b>Degreaser</b> at a 7:2 ratio</li> <li>~10pH</li> <li>No PPE required</li> </ul>	<ul style="list-style-type: none"> <li>Floors, tables, counters</li> <li>Hard and soft surfaces</li> <li>Pre-disinfection</li> </ul>	
<b>Glass, Chrome &amp; Stainless</b>	<ul style="list-style-type: none"> <li>Diluted <b>Degreaser</b> at a 11:1 ratio</li> <li>~9pH</li> <li>No PPE required</li> </ul>	<ul style="list-style-type: none"> <li>Glass, chrome &amp; stainless cleaner</li> <li>Other high gloss surfaces</li> </ul>	
<b>Broad Spectrum Disinfectant</b>	<ul style="list-style-type: none"> <li>Broad Spectrum, Tuberculocidal</li> <li>Neutral pH, sustainable, biodegradable, non-synthetic</li> <li>500ppm Free Available Chlorine (hypochlorous)</li> <li>No PPE required</li> </ul>	<ul style="list-style-type: none"> <li>Full strength disinfecting</li> <li>Biohazard disinfection (blood, fluids)</li> <li>Terminal disinfection</li> <li>Restrooms or other high touch surfaces</li> </ul>	DISINFECTANTS
<b>Daily Disinfectant</b>	<ul style="list-style-type: none"> <li>Diluted <b>Broad Spectrum Disinfectant</b> at a 2.5:1 ratio</li> <li>185ppm Free Available Chlorine (hypochlorous)</li> <li>No rinse required</li> <li>No PPE Required</li> </ul>	<ul style="list-style-type: none"> <li>Hard surfaces</li> <li>Use on all high touch point surfaces</li> <li>Child toys and play areas (no rinse required)</li> </ul>	
<b>Sanitizer</b>	<ul style="list-style-type: none"> <li>Diluted <b>Broad Spectrum Disinfectant</b> at a 3:1 ratio</li> <li>140ppm Free Available Chlorine (hypochlorous)</li> <li>No rinse required</li> <li>No PPE required</li> </ul>	<ul style="list-style-type: none"> <li>Use on food contact surfaces (no rinse required)</li> <li>Any other water safe surfaces</li> </ul>	

\* It is always recommended to properly clean a surface prior to disinfecting it.

\*\* All (3) of the disinfecting products can be sprayed directly into the air through electrostatic or fogging.

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## DISINFECTION APPLICATIONS

### Pathogen Kill List

Broad Spectrum, Tuberculocidal Disinfectant

#### **BACTERIA – 99.9999% – 2 min (5 min for c. diff)**

- **Clostridium difficile – (C. Diff)** (ATCC 43598)
- **Escherichia coli (E coli)** (ATCC 11229)
- **Klebsiella pneumoniae** New Delhi Metallo-Beta Lactamase (NDM-1) Carbapenem Resistant (CRE)((Klebsiella (NDM-1) (CRE)) (KPC) (Carbapenem-Resistant Klebsiella pneumoniae) (CRKP), CDC 10002
- **Listeria monocytogenes** (Listeria) (ATCC 7644)
- **Methicillin-Resistant Staphylococcus aureus (MRSA)** (ATCC 33591)
- **Pseudomonas aeruginosa (Pseudomonas)** (ATCC 15442)
- **Salmonella enterica (Salmonella)** (ATCC 10708)
- **Staphylococcus aureus (Staph)** (ATCC 6538)
- **Bordetella bronchiseptica** [Kennel Cough] (ATCC 10580)
- **Vancomycin Resistant Enterococcus faecalis (VRE)** (ATCC 51229)

#### **MYCOBACTERIUM – 99.9999% – 2 min**

- **Mycobacterium bovis, BCG** (Tuberculosis or TB)

#### **VIRUSES (NON-ENVELOPED) – 99.9999% – 2 min**

- **Adenovirus (1 or Type 1) (Strain 71)** (ATCC VR-1)
- **Norovirus or Norwalk Virus (as Feline Calicivirus) (Strain F-9)** (ATCC VR-782)
- **Rhinovirus (16 or Type 16) (Strain 11757)** (ATCC VR-283)
- **Rotavirus (A or Group A) (Strain WA)** (ATCC VR-2018)
- **Canine parvovirus** (ATCC VR-2016) [(Strain Cornell)]

#### **BLOODBORNE / VIRUSES (ENVELOPED) – 99.9999 – 2 min**

- **SARS-CoV-2 (Novel Coronavirus) [COVID-19]\***
- **Hepatitis C** (ATCC VR-1422)]
- **Human Immunodeficiency Virus Type 1 (HIV-1)**, strain III B (clade B); ZeptoMetrix Influenza A (H1N1) Virus (ATCC VR-1736)
- **Influenza A Virus (H1N1) A/Swine/1976/31** (ATCC VR-99)
- **Respiratory Syncytial Virus (RSV)** (ATCC VR-1540)
- **Swine Flu Virus (H1N1) A/Swine/1976/31** (ATCC VR-99)
- **Canine distemper virus** (ATCC VR-1587) [(Strain Snyder Hill)]

#### **YEAST – 99.9999% – 2 min**

- **Candida albicans** (ATCC 10231)

\* The generator produces  $\geq 500$ ppm hypochlorous acid, device-generated HOCl solution meets Green Seal GS-53 standards, contains no VOCs, fragrances or harsh chemicals.

\* SARS-CoV-2 was tested using traditional sprayer, ULV fogging and electrostatic application methods under the guidance of Mako Genomics Labs and resulted in a 1-minute kill time for the virus.

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## PRODUCTION RATES (Hourly)



Two (2) 3 Gallon Holding Tanks

### MicroShield 360 Pure Mini-OS

	BROAD SPECTRUM	DAILY DISINFECTANT	SANITIZER	DEGREASER	DAILY CLEANER	WINDOW, STAINLESS
HOCL Gallons	6	21	24			
HOCL 32oz	24	48	96			
NaOH Gallons				2	8	12
NaOH 32 oz				8	32	48



### MicroShield 360 Pure Pro-OS

	BROAD SPECTRUM	DAILY DISINFECTANT	SANITIZER	DEGREASER	DAILY CLEANER	WINDOW, STAINLESS
HOCL Gallons	12	42	48			
HOCL 32oz	48	96	192			
NaOH Gallons				4	16	24
NaOH 32 oz				16	64	96

\* Highlighted numbers are the products most often used (Daily Disinfectant and Daily Cleaner)

\*\* Both the Daily Disinfectant and Daily Cleaner are being produced at the same time



Two (2) 15 Gallon Holding Tanks



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