

# Higher Education Usage Guide



## Protexus Electrostatic Sprayers

- Touchless electrostatic disinfection with 3x more surface coverage
- Easy for staff to train & use
- Consistent, reliable application

## PUR TABS Disinfection & Sanitizing Tablets

- Convenient tablets that dissolve in tap water
- Eliminates odors, cost effective & sustainable
- Kills *C. diff*, *C. auris*, Norovirus, MRSA, Cold & Flu virus, and SARS-CoV-2 (COVID-19)

| MFR. NO.                           | DESCRIPTION  |
|------------------------------------|--|
| ESPT334MG<br>ESPT3.3G<br>ESPT13.1G | 334MG PUR TABS – Food contact surface safe sanitizer (100 tabs/box)<br>3.3G PUR TABS – Hospital grade disinfectant (200 tabs/tub)<br>13.1G PUR TABS – Hospital grade disinfectant (200 tabs/tub) |
| PX200ES<br>PX300ES                 | Protexus Electrostatic Handheld Sprayer<br>Protexus Electrostatic Backpack Sprayer   |

## DILUTION CHART

| CONCENTRATION   | KILL CLAIMS   | PX200 HANDHELD        | PX300 BACKPACK                                 |
|-----------------|---|-----------------------|--|
| <b>100</b> PPM  | Food contact surface sanitizer (No Rinse)<br>(Staph, Salmonella, Listeria) - 1 min claim                          | (1) 334mg tab / 1qt   | (1) 3.3g tab / 2 gal                           |
| <b>1076</b> PPM | HIV, Hepatitis A, Hepatitis B - 10 min. claim, Hepatitis C - 2 min. claim<br>SARS-CoV-2 (COVID-19) - 4 min. claim | (1) 3.3g tab / 1 qt   | (8) 3.3g tab / 2 gal<br>(2) 13.1g tab / 2 gal  |
| <b>2153</b> PPM | Norovirus - 1 min. claim  | (2) 3.3g / 1 qt       | (16) 3.3g tab / 2 gal<br>(4) 13.1g tab / 2 gal |
| <b>4306</b> PPM | <i>C. Diff</i> spore - 4 min. claim<br><i>C. auris</i> - 2 min. claim   | (4) 3.3 g tabs / 1 qt | (32) 3.3g tab / 2 gal<br>(8) 13.1g tab / 2 gal |
| <b>5382</b> PPM | <i>Mycobacterium bovis</i> (TB) - 4 min. claim  | (5) 3.3 g tabs / 1 qt | (10) 13.1g tab / 2 gal                         |

See product insert for complete list of organism kill claims, dwell times and dilution information. Disclaimer: The Protexus Electrostatic Sprayer® has not been evaluated for use with solutions other than those from EarthSafe or the EvaClean Program. Disinfectants and sanitizers have differing usage guides, dwell times, and kill claims which can impact application results. EarthSafe makes no guarantees or warranties of any kind, either express or implied, including but not limited to, fitness for a particular purpose. Use of the Protexus Electrostatic Sprayer® is at the user's own risk. Improper care or use of the Protexus Electrostatic Sprayer® resulting in damage to the unit is not covered under manufacturer's warranty.

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## DEFINITIONS

### ► CLEANING

Physically removes soil and debris from surfaces with detergents and water. Cleaning removes many germs and exposes any remaining to the effects of the sanitizer or disinfectant used after.

### ► DETERGENTS

Cleaning agents that help dissolve and remove soil from fabrics and surfaces. Soap can be considered a type of detergent.

### ► SANITIZING

Reducing germs on inanimate surfaces to levels considered safe by public health codes or regulations. Regular sanitizing is extremely important for food service areas.

### ► DWELL TIME

The amount of time a surface must remain wet with a sanitizer/disinfectant to work effectively.

### ► DISINFECTING

Disinfecting used EPA registered products with specific dwell times to kill harmful microorganisms and pathogens on surfaces. Be sure to use products that are effective against COVID-19.

### ► GERMS

Microscopic organisms that cause disease, such as bacteria, viruses, parasites and fungi.

## CLEANING, SANITIZING, AND DISINFECTING FREQUENCY TABLE\*

| AREAS   | CONCENTRATION | SCHEDULE  |
|---|---------------|---|
| <b>CLASS AREAS</b>  |               |   |
| High touch point areas - phones, light switches, desks, keyboards, door knobs, Library/reading areas  | 1076 ppm      | Multiple times daily                            |
| <b>CAFETERIA</b>  |               |   |
| Door handles, tables, counters, service touchpads, other food contact surface areas   | 100 ppm       | After each use (dining tables)                  |
|   | 1076 ppm      | Multiple times daily                            |
| <b>RESTROOMS</b>  |               |   |
| Toilet and splash wall, doors and all fixture handles: toilet flush, shower controls, sink faucets, trash, paper / hand dryer controls            | 1076 ppm      | Multiple times daily                            |
| <b>OTHER</b>  |               |   |
| Lobby interiors /public phones<br>Auditorium/event areas: Chairs, arm rests<br>Gymnasium/athletic areas: Locker rooms, benches, stalls, equipment | 1076 ppm      | Multiple times daily                            |
| <b>OUTBREAK CONTROL</b>   |               |   |
| Cold & Flu, COVID-19, Salmonella, E. coli   | 1076 ppm      | At onset / several times daily until controlled |
| Norovirus   | 2153 ppm      | At onset / several times daily until controlled |
| C. diff, C. auris   | 4306 ppm      | At onset / several times daily until controlled |

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