

K-12 Education Usage Guide



Protexus Electrostatic Sprayers

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

PURTABS 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 ESPT3.3G ESPT13.1G | 334MG PURTABS – Food contact surface safe sanitizer (100 tabs/box) 3.3G PURTABS – Hospital grade disinfectant (200 tabs/tub) 13.1G PURTABS – Hospital grade disinfectant (200 tabs/tub) |
| PX200ES PX300ES | Protexus Electrostatic Handheld Sprayer Protexus Electrostatic Backpack Sprayer |

DILUTION CHART

| CONCENTRATION | KILL CLAIMS | PX200 HANDHELD | PX300 BACKPACK |
|-----------------|---|-----------------------|--|
| 100 PPM | Food contact surface sanitizer (No Rinse) (Staph, Salmonella, Listeria) - 1 min claim | (1) 334mg tab / 1qt | (1) 3.3g tab / 2 gal |
| 1076 PPM | HIV, Hepatitis A, Hepatitis B - 10 min. claim, Hepatitis C - 2 min. claim SARS-CoV-2 (COVID-19) - 4 min. claim | (1) 3.3g tab / 1 qt | (8) 3.3g tab / 2 gal (2) 13.1g tab / 2 gal |
| 2153 PPM | Norovirus - 1 min. claim | (2) 3.3g / 1 qt | (16) 3.3g tab / 2 gal (4) 13.1g tab / 2 gal |
| 4306 PPM | <i>C. Diff</i> spore - 4 min. claim <i>C. auris</i> - 2 min. claim | (4) 3.3 g tabs / 1 qt | (32) 3.3g tab / 2 gal (8) 13.1g tab / 2 gal |
| 5382 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 removing all dirt and contamination, oftentimes using soap and water. The friction of cleaning removes most germs and exposes any remaining germs to the effects of a sanitizer or disinfectant used later.

SANITIZING

Reducing germs on inanimate surfaces to levels considered safe by public health codes or regulations. Sanitizing may be appropriate for *food service tables, high chairs, toys, and pacifiers.*

DISINFECTING

Destroying or inactivating most germs on any inanimate object, but not bacterial spores. Disinfecting may be appropriate for diaper tables, door and cabinet handles, toilets, and other bathroom surfaces.

DETERGENT

A cleaning agent that helps dissolve and remove dirt and grease from fabrics and surfaces. Soap can be considered a type of detergent.

DWELL TIME

The duration a surface must remain wet with a sanitizer/disinfectant to work effectively.

GERMS

Microscopic living things (such as bacteria, viruses, parasites and fungi) that cause disease.

| KILL CLAIMS | CONCENTRATION | DILUTION |
|--|---------------|--|
| SANITIZER Food contact surface sanitizer (No Rinse) 60 second contact time | 100 ppm | (1) 334mg tab / 1qt (1) 3.3g tab / 2 gal (1) 13.1 tab / 10 gal |
| DISINFECTION & OUTBREAK CONTROL Salmonella & Staph, Bloodborne pathogen, Herpes & Polio, MRSA & E.coli, HIV, Hepatitis, SARS-CoV-2 (COVID-19) 4 minute contact time | 1076 ppm | (11) 334mg tab / 1 qt (4) 3.3 g tab / 1 gal (1) 13.1 tab / 1 gal |
| NOROVIRUS | 2153 ppm | (2) 3.3 g tab / 1 gal (2) 13.1 tab / 1 gal |

CLEANING, SANITIZING, AND DISINFECTING FREQUENCY TABLE

| AREAS | CONCENTRATION | SCHEDULE |
|--|---------------|-----------------------------------|
| Cafeterias; food contact surface areas | 100 ppm | Daily/after use |
| High touch point areas - phones, light switches, desks, shared workstations, keyboards, door knobs, handles, etc | 1076 ppm | Daily |
| Bathrooms | 1076 ppm | Daily |
| Play areas | 1076 ppm | Daily |
| Library/reading areas | 100 ppm | Daily/After use |
| | 1076 ppm | As necessary |
| Auditorium/event areas: Chairs, arm rests | 100 ppm | As necessary |
| Gymnasium/athletic areas: Locker rooms, benches, stalls Sports equipment: helmets, mats, balls | 100 ppm | Daily/After use |
| | 1076 ppm | End of day |
| Outbreak Control / Cold-Flu season | 1076 ppm | At onset / daily until controlled |
| Norovirus Outbreak | 2153 ppm | At onset / daily until controlled |