

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

SANITIZER

Food contact surface sanitizer (No Rinse) 60 second contact time

CONCENTRATION

100 ppm

DILUTION

(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
	1076 ppm	End of day
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