ELECTROSTATIC SPRAYING

Cleaning and disinfection guidance for the use of electrostatic sprayers in K-12 schools and higher education

ECOLAB

CONSIDERATIONS PRIOR TO USE

- Assess your location to determine where electrostatic spraying may be most beneficial and effective prior to application. Consider material compatibility and sensitive surfaces.

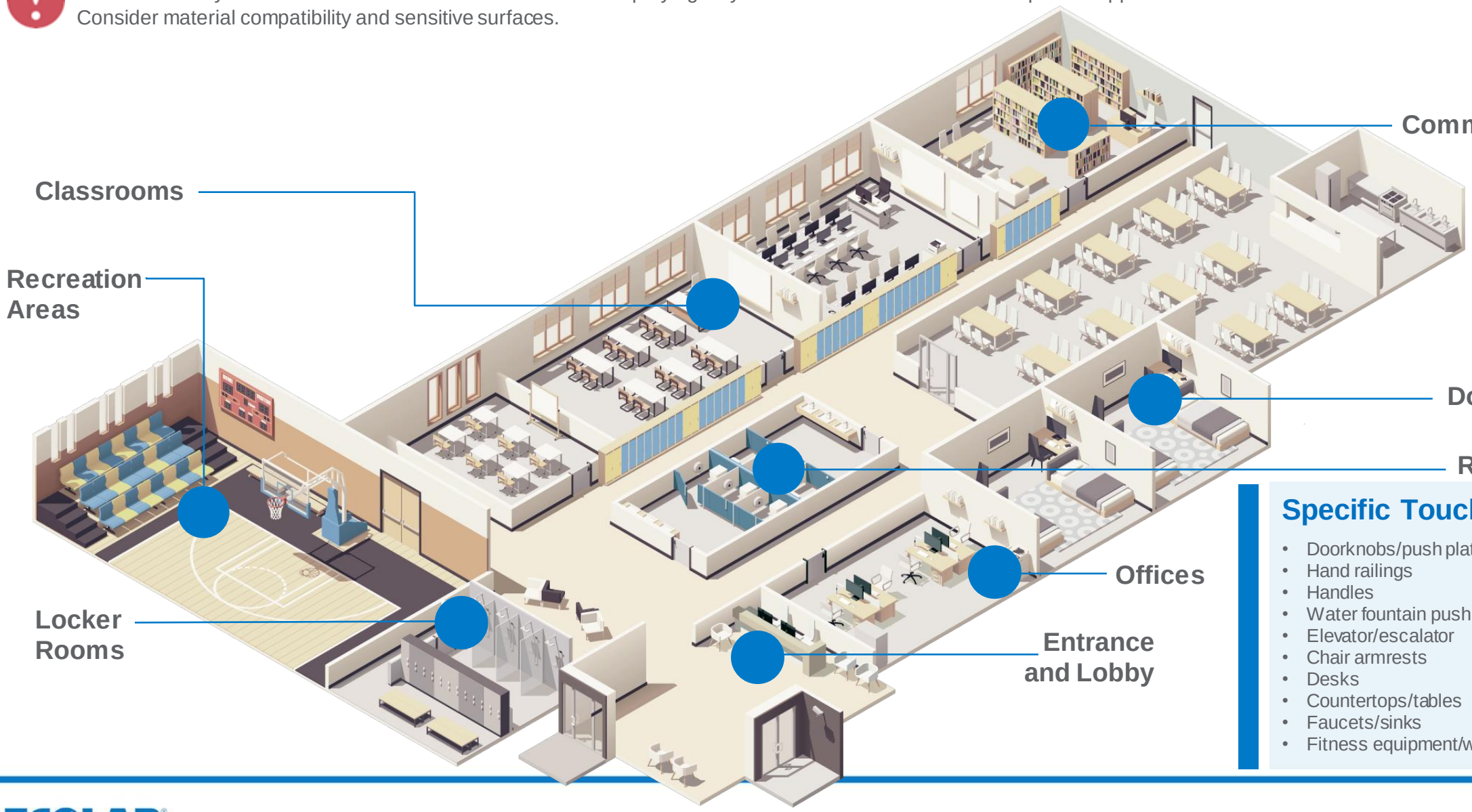
- Electrostatic spraying should not replace regular cleaning procedures. These devices do not remove soil, debris or blood and body fluids; they help apply the product more evenly across surfaces and in difficult to reach areas. Use of an electrostatic sprayer should be in addition to, and not in place of, manual cleaning.

- **DO NOT MIX CHEMICALS**. Be mindful of other chemicals in the area to avoid chemicals mixing, including ensuring chemical reservoirs are labeled and chemicals do not mix in the electrostatic spraying device. Ensure the electrostatic spraying device is thoroughly rinsed before storing. Refer to the product label for complete directions for use.

Review the following procedures thoroughly and ensure proper training before use.

ELECTROSTATIC SPRAYING IN EDUCATION

NOTE: Assess your location to determine where electrostatic spraying may be most beneficial and effective prior to application. Consider material compatibility and sensitive surfaces.



Specific Touchpoints

- Doorknobs/push plates
- Hand railings
- Handles
- Water fountain push plates
- Elevator/escalator
- Chair armrests
- Desks
- Countertops/tables
- Faucets/sinks
- Fitness equipment/weights

GUIDELINES FOR USE

Set-up of Unit

- Ensure battery is fully charged
- Fill and label chemical reservoir
- Ensure reservoir is secured to unit
- Ensure device is set to deliver 40 microns or larger in particle size (if adjustable)
- Turn electrostatic mode to ‘on’ (if applicable)
- Unlock trigger
- Firmly wrap hand around ground before initiating spray

Storage of Unit

- Remove reservoir and triple rinse with fresh water
- Spray fresh water through unit to rinse inside lines
- Lock trigger
- Turn unit ‘off’
- Remove battery and store on charger
- If chemistry remains in reservoir, store labeled and capped

GUIDELINES FOR USE

DO'S For Electrostatic Spraying

- **DO** place signage indicating area is closed or out of service
- **DO** ensure no bystanders are present
- **DO** address any ventilation concerns (i.e., avoid confined spaces with poor ventilation)
- **DO** ensure food or food related items are removed from space and any food contact surfaces are rinsed with potable water post-spray
- **DO** avoid contact with eyes, skin or inhalation while spraying
- **DO** ensure spraying is away from user breathing zone
- **DO** move from sprayed areas to unsprayed areas
- **DO** wear proper PPE (minimally – sealed dust/mist mask/N95 or half-face respirator in addition to any required per the product label)
- **DO** allow for 15-minute resettling time post-spray

DON'TS For Electrostatic Spraying

- **DON'T** spray flammable products – spray only products recommended by Ecolab
- **DON'T** spray areas with sources of heat, open flames, sparks or other ignition sources
- **DON'T** spray electronics or sensitive items unless this application is confirmed with the manufacturer.
- **DON'T** spray directly on people or animals.
- **DON'T** use electrostatic spraying to treat the air.

PRODUCTS AND TOOLS

General Instructions

What products do you need?

Multi-Purpose Disinfectant

What tools do you need?

Electrostatic sprayer, 'Area Closed/ Out of Service' sign, PPE (minimally – sealed dust/mist mask/N95 or half-face respirator in addition to any required per the product label), 'Wet Floor' sign, refillable spray bottles, trigger sprayers, microfiber cloths, vacuum, dust pan/broom, mop pole/pad and bucket, window scrubber/squeegee

Cleaning & Disinfection Frequency _____

Inspection Frequency _____

Responsible _____

Required PPE* _____

*in addition to any required by product label

To help protect against COVID-19 and other infectious pathogens, ensure treated surfaces remain wet for contact time indicated on product label.

**Refer to product label for use directions*

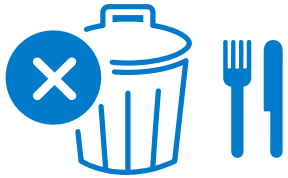
ELECTROSTATIC SPRAYING PROCEDURE

Cleaning and disinfection guidelines for K-12 schools and higher education

1

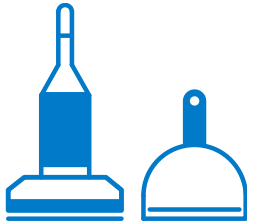
Don required PPE (minimally – sealed dust/mist mask/N95 or half-face respirator in addition to any required per the SDS), and place 'Area Closed/Out of Service' signage.

2



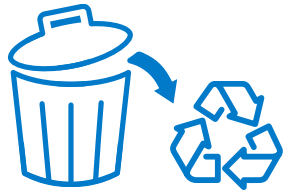
Remove trash/debris, linens, food and any ware.

3



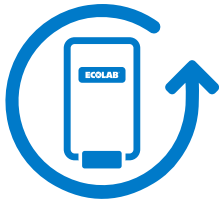
Vacuum carpet/entrance mats and vacuum or sweep hard-surfaced floors (tile/wood/LVT).

4



Empty trash cans and recycling bins. Replace liners.

5



Refill air freshener, hand sanitizer and disinfectant wipe dispensers as needed.

6

Remove or cover electronics, high-value items or sensitive surfaces.

7

Pre-clean visibly soiled areas (e.g., food/drink spills) using **multi-purpose disinfectant cleaner**.

8

To disinfect using an electrostatic sprayer, apply **multi-purpose disinfectant cleaner** solution to hard, non-porous environmental surfaces.

ELECTROSTATIC SPRAYING PROCEDURE

Cleaning and disinfection guidelines for K-12 schools and higher education

9

Begin spraying area from the farthest corner ensuring no more than 2 feet (60 cm) between the spray nozzle and the surface. Be aware of possible overspray.

10

Ensure treated surfaces remain wet for contact time indicated on product label. Allow spray to settle for 15 minutes before re-entering the area.

11

Wipe surfaces (recommended) or let air dry. For electronics, spray a cloth and wipe surface.

12

Clean glass and windows by spraying **multi-purpose disinfectant** or glass cleaner on a fresh microfiber to ensure a streak-free finish.

13

Mop hard-surfaced floors (tile/wood/LVT) to remove overspray or settled product.

NOTE: Ensure spraying is always away from user breathing zone and movement is from sprayed areas to unsprayed areas.

Refer to product label for complete directions for use.

Specific Touchpoints

- Doorknobs/push plates
- Hand railings
- Handles
- Water fountain push plates
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Electronic Touchpoints*

- Elevator buttons
- Light switches
- Thermostat
- Keyboard
- Computer mouse
- Remote control
- Phones
- Touchscreens
- ATMs

List is not exhaustive – assess your facility for additional touchpoints.

*Always follow manufacturer directions when treating electronic surfaces. Spray a cloth and wipe surface.

ELECTROSTATIC SPRAYING RESOURCES

WHAT IS ELECTROSTATIC SPRAYING?

Electrostatic Spraying Overview and FAQs

HOW TO USE ELECTROSTATIC SPRAYERS?

Electrostatic Spraying Procedures and Videos
Available for Commercial Facilities, Education and Hospitality

Contact your Ecolab representative for more information.

For more information contact your:

Ecolab Representative or call 1-800-352-5326
Ecolab Pest Representative or call 1-800-325-1671
Nalco Water Representative or call 1-800-288-0897
or visit **Ecolab.com**

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