

THE PATHWAY TO SUCCESSFUL CLEANING & DISINFECTION

WITH SO MANY AVAILABLE OPTIONS, HOW DO YOU CHOOSE?

FIRST, YOU NEED TO DETERMINE:

CLEANING CONSIDERATIONS



TYPE OF SOIL



HOW MUCH SOIL

DISINFECTING CONSIDERATIONS



TYPE OF BACTERIA/VIRUSES



RISK FACTORS/POTENTIAL LIABILITY



VALIDATION REQUIREMENTS

THE 5 FACTORS OF CLEANING & DISINFECTION

EQUIPMENT
What are the most effective and safest ways to deliver the chemistry over the required surface areas?

ENVIRONMENT
How will factors like temperature, ventilation and inhabitants effect cleaning and disinfection?

CHEMISTRY
What is required to effectively remove the soil and kill the bacteria?

EFFICACY
Which chemistry meets your needs and have verifiable effectiveness?

TIME

Will reducing time require increased chemical concentrations or excessive chemical combinations?

TOO OFTEN, THE FOCUS IS ON REDUCING CLEANING & DISINFECTING TIME – BUT EACH FACTOR IMPACTS THE OTHERS.

CHOOSE A CLEANING & DISINFECTING STRATEGY:

1

ONE-STEP CLEANER & DISINFECTANT

2

TWO-STEP TRADITIONAL CHEMISTRY CLEANER & DISINFECTANT



PATHOSANS ECAS CLEANING TECHNOLOGY

DISPELLING THE MYTH OF ONE-STEP CLEANING & DISINFECTION

CLEANING & DISINFECTING ARE NOT THE SAME THING

- **Cleaning:** Removal of dirt and matter
- **Sanitizing:** Killing bacteria
- **Disinfecting:** Killing bacteria AND viruses

SOIL CAN PROTECT THE BACTERIA TRAPPED INSIDE

Cleaning prepares the surface for disinfection

Higher soil load and more viscous soil require stronger chemistry, more types of chemistry and more time to penetrate and remove the soil in order to kill the bacteria hidden inside.

CLEAN FIRST

TWO-STEP TRADITIONAL CHEMISTRY CLEANERS & DISINFECTANTS ARE NOT 2 STEPS

STEP 1

DEFINE SURFACE TYPES

STEP 2

EVALUATE SOIL LOADS & COMPOSITIONS

STEP 3

CHOOSE CLEANERS

DIFFERENT SURFACES & SOILS REQUIRE DIFFERENT CHEMISTRIES



MULTI-PURPOSE CLEANERS – MORE DOES NOT MEAN BETTER

Contain excessive and unnecessary chemistries to address various applications



STEP 4

CHOOSE DISINFECTANTS

DIFFERENT CHEMISTRIES ARE REQUIRED TO EFFECTIVELY KILL DIFFERENT PATHOGENS



STEP 5

ORDER, SHIP, INVENTORY & STORE

STEP 7

CLEAN

STEP 6

DETERMINE NECESSARY SAFETY PROTOCOLS:

Order PPE, evaluate potential chemical interactions, provide chemistry handling and triage training

STEP 8

RINSE

STEP 9

DISINFECT

DWELL TIMES FOR EFFECTIVE SANITATION MAY VARY BETWEEN DISINFECTANTS

STEP 10

DISPOSAL

HAVE YOU CONSIDERED THE DOWNSTREAM EFFECTS?

PEOPLE: WORKERS, PATRONS, GUESTS & TENANTS



What goes in the bottle, goes in the body – be conscious of what you leave behind on surfaces and in the air.

THE PLANET



Where does your chemistry and chemical packaging end up? Is it drain safe? Are the containers reusable? Can the contaminated containers be recycled?

PATHOSANS ECAS CLEANING TECHNOLOGY THE ONLY TRUE TWO-STEP

STEP 1 CLEAN WITH PATHOCLEAN

PATHOCLEAN WORKS ON ALL SURFACES

JUST TWO SOLUTIONS REPLACE MANY OTHER CHEMISTRIES

STEP 2 DISINFECT WITH PATHOCIDE

REMOVES THE TOUGHEST SOIL LOADS



SKIN & EYE SAFE



NO PPE REQUIRED



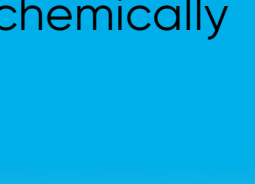
NO RESIDUES OR FRAGRANCES



REUSABLE/RECYCLABLE BOTTLES



DRAIN & DISPOSAL SAFE



ON-SITE GENERATION – ONLY MAKE WHAT YOU NEED



VERIFIABLE EFFECTIVENESS

99.9%* EFFECTIVE. 100% WORTH IT.



PathoSans technology uses just water, salt and electricity to produce environmentally responsible, electrochemically activated, sustainable solutions.

IT'S TIME TO MAKE GOOD

pathosans.com/makegood

PATHOSANS • THE CLEAN THAT SAYS YOU CARE