

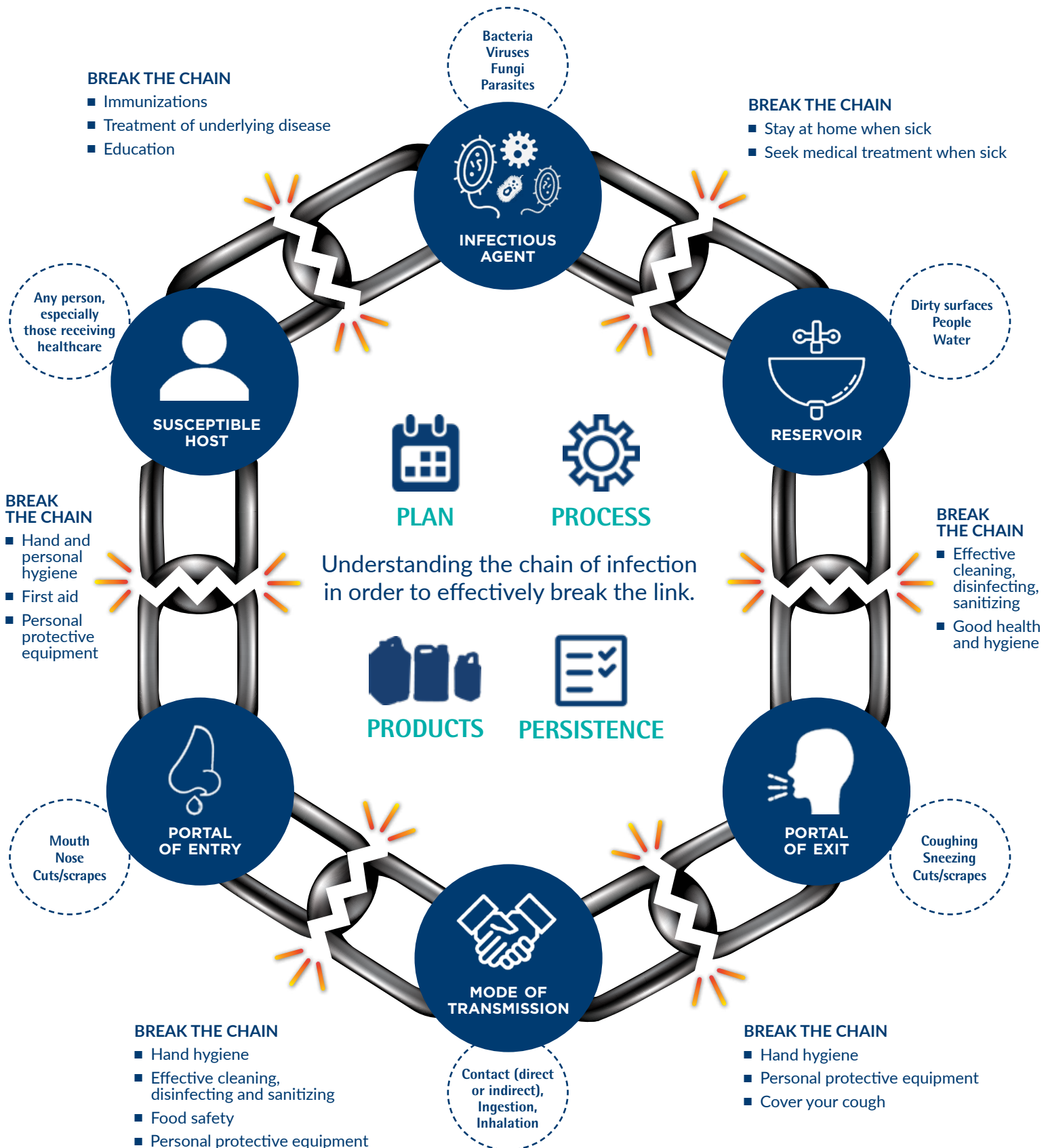


**INFECTION PREVENTION
PROGRAM**

Your guide to facility cleaning for
infection prevention and control

HOW DO INFECTIONS SPREAD?

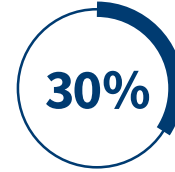
BREAKING THE CHAIN OF INFECTION



EDUCATION & TRAINING

Clear understanding of infection key components and prevention will ensure a sustainable and successful plan.

INFORM & EDUCATE FACILITY USERS



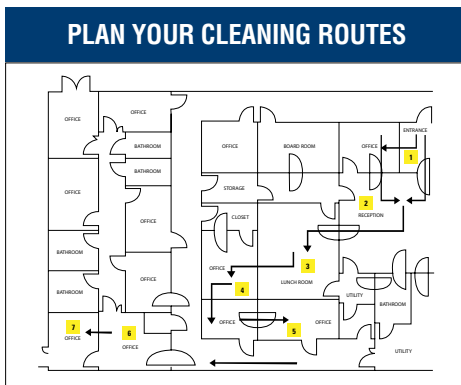
Every dollar spent on training yields an approximate 30 percent gain in productivity within a three-year period.

- TIM LANE ET AL.

EDUCATE YOUR STAFF

- Hand hygiene and basic personal hygiene
- Proper selection of chemicals and cleaning tools
- The appropriate use of personal protective equipment
- Prevention of blood and body fluid exposure, including sharps safety
- Utilize your product specialists

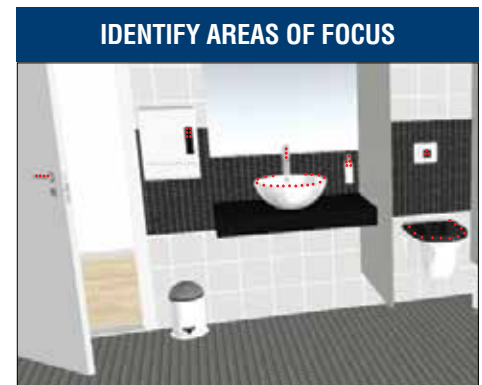
LEADERS IN SURFACE CLEANING
CALL YOUR CHARLOTTE REP TODAY FOR EXPERT ADVICE ON PLANNING FOR YOUR FACILITY AND TRAINING YOUR STAFF
1-877-745-2880 | info@charlotteproducts.com



DOCUMENT WHAT NEEDS TO BE DONE

CHARLOTTE PRODUCTS LTD. Facility Cleaning & Disinfecting Checklist

GENERAL FACILITIES	NA	In Progress	Completed
Hand calls			
Door knobs/handles			
Elevator buttons			
Sinks & faucets			
Countertops			
Window sills			
Light switches			
Equipment controls			
Cabinet and file drawer knobs/handles			
Vending machines			
Chair arms			
Copy/print/fax control buttons			
Provide written notice or signs to all departments and encourage all employees to sanitize surfaces that are gross (soil) frequently	NA	In Progress	Completed
Telephones			
Hands-free microphones			
Radios			
Hard hats			



KNOW YOUR SURFACES

Surface Risk Type		
Low Risk Surface	Moderate Risk Surface	High Risk Surface
Clean according to a fixed schedule and additionally as required (e.g. gross soiling)	Clean and disinfect or sanitize at least once daily and additionally as required (e.g. gross soiling)	Clean and disinfect or sanitize after each use, at least twice per day and additionally as required

- Modified From: PIDAC: Best Practices for Environmental Cleaning for Infection Prevention and Control



Use our Surface Assessment Tool today!
Download the FREE Charlotte App



PROCESS

3 CRITICAL POINTS FOR CLEANING, DISINFECTING & SANITIZING



IMPORTANT TIPS

- Read and follow label instructions
- Dilute products properly & accurately
- Preclean surfaces before disinfecting or sanitizing
- Respect dwell times
- Work from cleanest to dirtiest area
- Change solution/wipes/mops frequently



Cleaning with microfiber can reduce surface bacteria by 99% compared to only 30% with traditional cotton materials.

- ENVIRONMENTAL PROTECTION AGENCY

PROPER PROCESS ENSURES BETTER RESULTS FOR LESS TIME AND MONEY. LET THE LEADERS IN SURFACE CLEANING HELP YOU AND YOUR TEAM!

CLEANING

Removes germs, dirt and impurities from surfaces and objects. Cleaning works by using soap (or detergent) and water to physically remove germs from surfaces. This process does not necessarily kill germs, but by removing them, it lowers their numbers and the risk of spreading infection.

- Centers for Disease Control and Prevention (CDC)

DISINFECTING

Kills germs on surfaces or objects. Disinfecting works by using chemicals to kill germs on surfaces or objects. This process does not necessarily clean dirty surfaces or remove germs, but by killing germs on a surface after cleaning, it can further lower the risk of spreading infection.

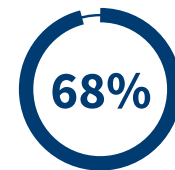
SANITIZING

Lowers the number of germs on surfaces or objects to a safe level, as judged by public health standards or requirements. This process works by either cleaning or disinfecting surfaces/objects to lower the risk of spreading infection.

PERSISTENCE (Monitoring)

WHY AUDIT?

- To protect your facility and brand image from what you otherwise wouldn't see
- To ensure consistency between your staff and different areas of your facilities
- To provide positive feedback to your staff – both areas of excellence and opportunities for improvement



Monitoring environmental cleaning and disinfecting can reduce high risk surface contamination by an average of 68%

- CARLING AND BARTLEY ET AL

DIRECT

- Visual assessment using a checklist
- Staff become aware of expectations
- Easy and inexpensive
- You can't see microorganism contamination

INDIRECT

- Satisfaction surveys
- Indicate if someone thinks the area is clean
- Just because it looks clean, doesn't mean it is clean

MEASUREMENT

- Environmental cultures
- Environmental marking
- ATP bioluminescence
- OptiSolve PathFinder™ (SAVI)



IF IT CANNOT BE MEASURED, IT CANNOT BE IMPROVED - LORD KELVIN

PRODUCTS

Code	Product Name	Description	Dilution	Sizes
Hydrogen Peroxide Based				
ES65H	Enviro-Solutions® ES65H Hydrogen Peroxide Disinfectant Cleaner	Ecologo certified disinfectant & food contact surface sanitizer kills 99.99% of bacteria, fungi and viruses. Complete 95% of your cleaning and disinfecting tasks with a single product.	1:12 (Disinfection/Sanitizer) 1:20 (Washroom) 1:32 (Spray & Wipe) 1:127 (Glass & Surface)	4 X 2L 2 X 4.73L 4 X 3.78L
Quaternary Ammonium Chloride				
ES24	Enviro-Solutions® ES24 Food Service Disinfectant Cleaner	Heavy duty cleaner, disinfectant and sanitizer. Designed specifically for food processing plants, food service establishments and other institutions.	1:20 (Disinfection) 1:40 (Mold) 1:77 (Sanitizer)	2 X 4.73L
ES25	Enviro-Solutions® ES25 Disinfectant Cleaner & Odour Eliminator	Heavy duty cleaner, disinfectant and sanitizer. Cleans, disinfects & deodorizes. Effective against a wide range of pathogens.	1:20 (Hospital) 1:40 (Mold) 1:77 (Sanitizer)	2 X 4.73L
Neutral Quaternary Ammonium Chloride Disinfectants				
ES64	Enviro-Solutions® ES64 Neutral Disinfectant	No rinse neutral pH disinfectant cleaner. Hospital grade, concentrated, neutral disinfectant safe on most finished surfaces with no rinsing required.	1:64	4 X 2L 2 X 4.73L 4 X 3.78L
ES128	Enviro-Solutions® ES128 Disinfectant	Disinfectant - Sanitizer - Fungicide - Deodorizer. For hospital, institutional, industrial and school use. Approved for food contact surfaces.	1:143 (Disinfection) 1:251 (Disinfection) 1:501 (Sanitizer)	2 X 4.73L
ES256H	Enviro-Solutions® ES256H Neutral Disinfectant Concentrate	No rinse neutral pH disinfectant cleaner. Approved for Food Contact Surfaces. Homes, hospitals, institutions and industries. Does not dull finished surfaces.	1:256	4 X 2L 2 X 4.73L
NEW ES364	Enviro-Solutions® ES364 Neutral Disinfectant	One-step* disinfectant. 5-minute contact time. Kills Norovirus & Carbapenem resistant Enterobacteriaceae (CRE) in just 5 minutes. Hospital grade disinfectant. Does not dull finished surfaces.	1:64 1:32 1:16	4 X 2L 2 X 4.73L
ES512	Enviro-Solutions® ES512 Sanitizer	Neutral disinfectant. No rinse sanitizer. Approved for Food Contact Surfaces. Hospital grade disinfectant, sanitizer & deodorizer.	1:214 (General) 1:183 (Hospital) 1:257 -1:513 (Sanitizer)	2 X 4.73L
Hand Soap				
ES48	Enviro-Solutions® ES48 Luxury Foaming Hand Soap	Luxurious fresh pear scent foaming hand soap	RTU	6 X 1.0L
ES49	Enviro-Solutions® ES49 Foaming Hand Soap	Rich & creamy, moisturizing hand and body soap	RTU	4 X 3.78L
ES50	Enviro-Solutions® ES50 Deodorant Lotion Soap	High quality hand, face and body deodorant lotion soap	RTU	4 X 3.78L

*"One-step" refers to using the same product to first clean to remove soils, followed by a second application to disinfect.



Problem with a specific pathogen? Find what you need using the FREE Charlotte App!





**LOOK AROUND YOU,
HOW MANY DIFFERENT SURFACES DO YOU SEE?**
Infection Prevention and Control Starts With Clean and Safe Surfaces.

LEADERS IN SURFACE CLEANING

We are committed to sharing our deep expertise of how to effectively and efficiently clean with innovative and proven products for every market segment.

Simplifying these essential steps combined with the proper choice of products is critical. We can shorten this learning curve for you and your team and make you the local surface cleaning expert in your area.

LET US HELP YOU:

REDUCE COSTS

INCREASE PRODUCTIVITY

ENSURE FACILITIES ARE SAFE & HEALTHY



DID YOU WASH YOUR HANDS?

THE AVERAGE PERSON WILL BE OFF SICK 9 OR MORE DAYS IN A CALENDAR YEAR



Implementing a hand hygiene program has been shown to reduce absenteeism by more than 20%. That's roughly 2 less sick days per person!



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