



DISINFECTANT CLEANING GUIDE

CONTROLLING CROSS CONTAMINATION OF INFECTIOUS DISEASES

Cross-contamination occurs when people spread germs from one surface to the next simply by touch. How long someone touches a surface doesn't matter; you touch a surface, you've transferred a portion of the bacteria. Eighty percent of all common illnesses are spread by hand to mouth, nose and eye contact. Restroom staples like toilet seats and sinks may first come to mind as the main culprits but, since these items already get a thorough cleaning, objects such as phones, desks and computer keyboards are actually more contaminated because people don't clean them on a daily basis.

In an environment where many people come into contact with hard surfaces, viruses and bacteria can survive for a long period of time, infecting all those who come into contact with the surface. Common cold and flu viruses can survive for up to 72 hours. This is why it is important to implement a cleaning program that includes EPA and/or FDA registered disinfectants that are proven to kill germs, bacteria and viruses at least once a day. Outdated cleaning techniques, such as using a sponge to clean all the surfaces in the bathroom, are sometimes worse than not cleaning at all because germs are being spread to even more surfaces. EPA registered disinfectants are subjected to efficacy tests and the efficacy data includes "contact time" that the disinfectant must stay wet on the surface in order to kill the organisms. For example, many disinfectants need a 10 minute dwell time. Therefore, if a disinfectant is used in a spray bottle with the spray-and-wipe method which takes only seconds, it is being misused and the germs live on.

WHO SHOULD CLEAN

It is important to understand that maintaining a healthy area is not just the responsibility of the custodial department. In fact, most custodial staffs are not sufficient to address the rigors of cleaning for health, especially in a disease outbreak. The most effective cleaning program will involve the cleaning staff along with all other occupants of an area. The best way for occupants to help curb cross-contamination is to remember to wash their hands. Hand washing is one of the most important methods of stopping the spread of germs according to the Centers for Disease Control and Prevention. People should wash their hands each time the restroom is used, after using someone else's keyboard or tools, before and after a meet-and-greet activity, after using shared office equipment, after reading newspapers or magazines in the breakroom, and before and after lunch. Also, people need to wash their hands for at least 15 seconds. People can also keep their own areas clean by using a disinfectant wipe on all the areas they come into contact with, such as phones, keyboards and desks.

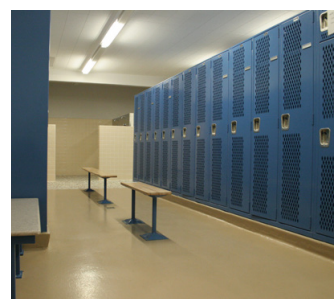
HOW TO CLEAN

The key to minimizing the spread of disease is to clean and sanitize surfaces that are common touch points (CTPs). CTPs are surfaces or objects that are touched or handled frequently by multiple people. In an office setting, CTPs may include doorhandles, copy machines, phones and coffee pot handles. In a school setting, CTPs may include desks, pencil sharpeners, drinking fountains and athletic areas (wrestling mats are high-risk surfaces). In a factory setting, areas where several people may operate equipment or keyboards are CTPs.

THE APPLICATIONS

Pro Chem's line of disinfectants contains EPA and/or FDA registered solutions to your cross-contamination risks in virtually every setting and department including:

- Food Processing Plants
- Sports Venues / Stadiums
- Recreation Facilities
- Locker Rooms
- Artificial Turf
- Health Clubs / Spas / Tanning Salons
- Schools / Universities / Childcare Facilities
- Prisons
- Physical Therapy Facilities
- Playground Equipment
- Exercise / Gymnastic / Wrestling Mats
- Amphitheaters
- Convention Centers
- Animal Shelters
- Military Bases
- Veterinary Clinics
- Restaurants
- Hospitals
- Hotels/Motels
- Nursing Homes



SKIN SANITIZERS *The following are sanitizers that kill germs on the skin.*

AUTO CLEAN ELITE FOAM HAND SANITIZER #2142

An instant hand sanitizer that contains a blend of ethyl alcohol (62%) and moisturizers which kill 99.9% of most common germs that may cause illness/disease in as little as 15 seconds. No water or towels needed. Sanitizes hands when soap and water are not available.



CLEAN PURSUIT SPRAY/GEL #2577

These are great alternatives when soap and water is unavailable. These products contain 80% or 75% alcohol, thus providing more than the recommended amount to kill germs. The product either comes in an easy-to-use spray or gel. #257701, #25711



HANDI-GEL #2136

FDA compliant, antibacterial hand sanitizer and waterless hand cleaner that kills 99.9% of germs. This thick formula allows for full coverage, penetrating hard-to-reach areas that harbor bacteria between fingers and around fingernails. It contains the CDC recommended 62% of ethyl alcohol allowing the product to dry in seconds.



SANI WIPES #2173

Within seconds, this effective formula kills 99.9% of germs and bacteria on the skin. Towels are made from non-abrasive fabric that is gentle to skin. Each 6"x 8" towel is fortified with emollients and natural oils to prevent hands from drying out.



HARD SURFACE DISINFECTANTS

FOAMY LEMON FRESH #1378 Designed specifically for general cleaning and disinfecting homes, hospitals, nursing homes, schools and hotels. This product is formulated to disinfect inanimate hard surfaces. It also deodorizes those areas which generally are hard to keep fresh smelling such as garbage storage areas, empty garbage bins and cans, basements, restrooms and other areas which are prone to odors caused by microorganisms.



GERM ENFORCER #1573 A disinfectant spray and deodorant that is for use only on hard, non-porous environmental surfaces. It is effective in preventing mold and mildew on environmental surfaces in your home and in public places. Disinfects and deodorizes surfaces through effective bacterial and fungicidal activity while leaving a fresh scent and eliminating odors.



LEMON SOLV #2351 A dual quaternary ammonium cleaner, deodorizer and disinfectant. This product offers a broad spectrum of germicidal activity to combat both gram-positive and gram-negative bacteria. A special detergent system provides excellent wetting and penetrating action against all types of dirt and grime. As a liquid deodorizer, this product's effectiveness is unsurpassed. The lemon fragrance will tackle even the most difficult deodorizing tasks. #235155, #235107, #235105, #235101



MICROCIDE #1310 A citrus-scented surface disinfectant and room deodorizer that is also a virucide, fungicide, mildewstat and tuberculocidal. Kills HIV-1 and Herpes Simplex Type II viruses as well as H1N1 Influenza A Virus, Pseudomonas Aeruginosa, Staphylococcus Aureus, MRSA, Salmonella Enterica and Trichophyton Mentagrophytes.



ONE STEP #2571 A one-step cleaner and disinfectant for spray and wipe cleaning. Formulated to disinfect hard, non-porous, inanimate environmental surfaces such as: floors, walls, sink tops, ceramic tile in bathrooms, shower stalls, bathtubs and cabinets. May also be used in kitchens for counter tops, appliances and stovetops. On food contact surfaces, you will need to rinse thoroughly with potable water.



PINE KLEEN #2352 A pine-scented disinfectant containing a very potent, broad-spectrum germicide, sodium ortho-Benzyl-para-Chlorophenolate, which boosts the power of nature's own disinfectant, pine oil. This clear, amber concentrate quickly forms a stable, milky white emulsion when added to water. This product is a superior replacement to expensive 80% pine oil because of its broad, germ-killing powers. PINE KLEEN supplies a refreshingly clean, pine fragrance to effectively combat malodors at their source.



POWER POUCH DISINFECTANT #2315 A concentrated, multi-purpose, hospital-grade, quaternary, germicidal detergent and deodorant effective in hard waters up to 400 ppm (calculated as CaCO₃) plus 5% serum contamination. This product is also a mildewstatic disinfectant for destroying and inhibiting mildew growth. It can be used on all washable, hard, nonporous surfaces. Easy to distribute, this handy portion control packet provides accurate results as no measuring is necessary, eliminating overuse.



SANI-SHIELD 3-N-1 ANTIMICROBIAL CLEANER #2577

A 1-Step "spray and wipe" surface technology for general cleaning, deodorizing and protecting of hard, non-porous environmental surfaces. It is user and earth safe; free of harsh acids or alkalis, phosphates, ammonia, glycol ethers, terpenes, hydrocarbon propellents, CFC's, quaternary ammonium compounds and chlorine bleach. Cleans 99% of everyday soil, grime, foodstuff, soap scum, grease, oil and other organic soil. Protects surfaces with an invisible, "antimicrobial" water, soil and stain repellent barrier coating on which odor-causing bacteria, mold and mildew will not grow in-between cleaning.



SPACE GUARD #1362 Disinfectant, anti-microbial agent, sanitizer, deodorizer and mildewstat. Because it is safe to use on non-porous surfaces as well as fabric, overspray will not affect multi-material pieces such as chairs and sofas. Controls mold and mildew. Kills MRSA, Avian Influenza A H5N1, Herpes Simplex Types I & 2, and many others.



SURFACE N AIR #1321 This product has been designed as a disinfectant deodorant and air refresher. It is recommended for disinfection of clean hard non-porous inanimate surfaces. It will also remove foul musty odors from automobile air conditioning systems caused by mildew and odor producing organisms. This product deodorizes those areas which generally are hard to keep fresh smelling (such as garbage storage areas, empty garbage bins and cans, restrooms, shower stalls and areas which are prone to odors caused by microorganisms).



T.B. QUAT FRESH #2353 A non-acid cleaner and deodorizer that is also a mildewstat, disinfectant, tuberculocidal, virucide and fungicide. Meets the OSHA Bloodborne Pathogen Standard for HIV, HBV and HCV. Effective against HIV-1, Hepatitis A, B, & C, Poliovirus Type 1, Bovine Viral Diarrhea Virus, Rhinovirus, Rotavirus and many more. Effective against a wide range of bacteria including Pseudomonas Aeruginosa, E. Coli, MRSA, MRSE, Streptococcus Pyogenes, Salmonella Entericam, VRE and VISA. #235301, #235307



TOTAL CLEAN #2340 A cleaner, disinfectant, detergent, virucide, fungicide, mildewstat and deodorizer. Phosphate-free and pH neutral. Effective against a wide range of bacteria, including Pseudomonas Aeruginosa, Salmonella Enterica, Staphylococcus Aureus, Bordetella Bronchiseptica, Escherichia Coli, Salmonella Enterica, Staphylococcus Epidermidis, Streptococcus Pyogenes, VRE, MRSA, VISA, CA-MRSA and many more. Kills many viruses, including HIV-1, HIV-2, HBV, HCV, Herpes Simplex Type 1 & 2, Influenza A, HK, Vaccinia, Rotavirus, Human Coronavirus, SARS associated Coronavirus and many more. May be used on poultry premises and in animal areas.

