



Formulated Chemistries for Surface Disinfection



Surface Disinfection Recommendations

Application Methods

Physical methods such as wiping and mopping can provide effective removal of microbes and other bioburden. The standard operating procedures must limit cross-contamination and require substantial labor and training to maintain. Chemical-only methods, like using foggers or VHP™ Biodecontamination Systems, require less labor and training to maintain, but commonly require more extensive validation and preparation for application.

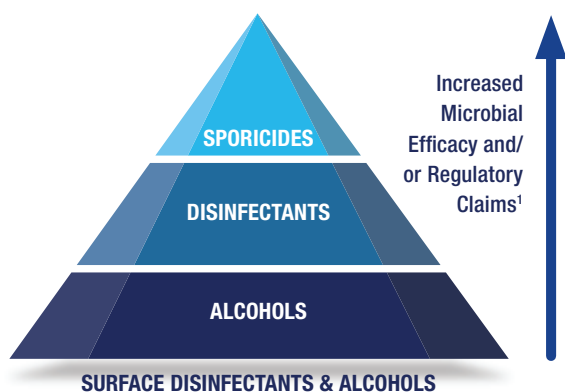
Rotation

A single class of disinfectants (such as quaternary ammonium based) is used on a daily basis. A sporicide or sterilant is used based on the frequency of spore results in your environmental data.

This may range from weekly, monthly or quarterly. A rinsing strategy should be implemented at a defined frequency (daily, weekly, etc.).

Residue Rinsing

There are numerous sources of residue in cleanrooms, including people, treatments on walls and floors, processing equipment, and drug components. While almost all chemistries leave some residue, a one-step cleaning and disinfectant routine requires no pre-cleaning and requires only periodic rinsing. STERIS typically recommends using water or isopropanol rinses on a routine basis to limit residue build-up. Formulated cleaners can also be used to remove accumulated residues if required.



The disinfectant application methods used in any microbial control program are critical and should be carefully selected. They must be designed to balance validation needs for consistency and repeatability with operational needs for application and performance. Our Technical Service group can help customize your contamination control program to make full use of this excellent product.

¹ Products that fall into the categories at the bottom of the pyramid are most frequently used and are generally not sporicidal. Progression up the pyramid indicates stronger performance overall and a broader spectrum of claims.

Products

Sporicides / Sterilants

Spores are amongst the hardest environmental contaminants to destroy. To achieve spore control, strong chemistries are required. STERIS offers a peracetic acid-hydrogen peroxide blend that balances superior efficacy with excellent material compatibility.

- Spor-Klenz™ RTU ETO Processed Sterilant
- Spor-Klenz Ready-To-Use Cold Sterilant

Disinfectants

The main product in any contamination control programme should be a quality-formulated disinfectant. This allows for good surface cleaning and broad-spectrum antimicrobial efficacy, while having superior material compatibility suitable for routine use. Many of STERIS's disinfectants are available in nonsterile and sterile packaging. Including convenient Ready-To-Use and Unit Dose formats, our sterile products are double bagged and gamma irradiated for use in aseptic areas.

Quaternary Ammonium Disinfectants

Concentrates

- Vesta-Syde™ SQ Quaternary Ammonium Disinfectant
- Vesta-Syde SQ st Quaternary Ammonium Disinfectant
- One Solution st™ Vesta-Syde™ SQ

Ready To Use

- Vesta-Syde SQ 128 Ready-To-Use Disinfectant
- Vesta-Syde SQ 128 st Ready-To-Use Disinfectant
- Vesta-Syde SQ 64 Ready-To-Use Disinfectant
- Vesta-Syde SQ 64 st Ready-To-Use Disinfectant

Alcohols

Alcohol solutions are effective for removing residue and evaporate completely.

- Septihol™ WFI Sterile Alcohol Solutions
- Septihol Alcohol Solution
- Septihol Ready-To-Use Alcohol Solution
- Septihol Ethyl WFI Sterile Alcohol Solution

Sterile Hydrogen Peroxide and Oxidizing Cleaners

STERIS also offers several other products for use in critical environments.

- 3% Hydrogen Peroxide WFI Sterile Solution
- 0.525% Hypochlorite WFI Sterile Solution
- 5.25% Hypochlorite WFI Sterile Solution
- One Solution st Water For Injection
- ProKlenz™ Booster Sterile Detergent
- ProKlenz NpH Sterile Detergent

Cleanroom Wipes

STERIS wipes use an innovative system that combines knit polyester wipes with sealed edges packaged with a separate internal pouch of formula. This internal pouch allows for maximum chemical stability while offering a simple, convenient and consistent method to saturate the wipes.

- Spor-Klenz™ Ready-to-Use Disinfectant Wipes
- 6% Hydrogen Peroxide WFI Wipes
- 3% Hydrogen Peroxide WFI Wipes
- NEW Vesta-Syde™ SQ 64 st Ready-to-Use Disinfectant Wipes

The STERIS Difference

Maintaining microbial control in manufacturing facilities requires a thoughtful programme to address a variety of surfaces and microorganisms. Successful control programmes require attention to validation, chemistry selection, application methods, and personnel training as well as facility-specific issues.

The STERIS difference is our ability to offer the industry's finest technical support in addition to our leading contamination control products. Our Technical Service Group's expertise comes from years of developing and supporting validated contamination control programs at our Customers' facilities worldwide. We have the cleaning programs to help put your facility in compliance and the support and expertise to keep you in compliance.

