



DISINFECTION GUIDELINES



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With the continuing threat of virus and antimicrobial resistant strains of bacteria, it is becoming ever more important that products can safely be cleaned and sanitized without compromising or damaging the product. The use of proper cleaning agents and disinfectants are critical in eliminating surface bacteria and viruses to reduce the spread of infection.

Ultrafabrics® are used extensively in the medical industry and manufactured from a blend of fabrics in our backcloths and high performance, polycarbonate top coats. The polycarbonate is extremely stable in moist environments and has maximum hydrolysis (resistance to water damage) resistance.

Figure 1. Microbial Resistance to Chemical Disinfectant

Type Of Microbe	Examples	Alcohol	Quaternary	Bleach	Hydrogen peroxide
Bacterial Spores	C.diff, Anthrax Botulism			✓	✓
Mycobacteria	Leprosy, Tuberculosis			✓	✓
Hydrophilic Viruses	Norovirus, COVID19			✓	✓
Fungi	Pneumonia	✓	✓	✓	✓
Vegitative Bacteria	Streptococcus, MRSA	✓	✓	✓	✓
Lipophilic Viruses	Herpes Simplex, HIV	✓	✓	✓	✓

<https://www.cdc.gov/infectioncontrol/guidelines/disinfection/disinfection-methods/chemical.html>

Both Hydrogen peroxide and Bleach (1:5) can be used with Ultrafabrics products without damage to the product.



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Figure 2.

Alcohol-based cleaners and disinfectants	Bleached-based disinfectants	Hydrogen peroxide-based disinfectants	Quarternary-based disinfectants
<ul style="list-style-type: none"> ■ Fantastik® ■ Formula 409® ■ Isopropyl / Rubbing alcohol (70%) ■ Veridien Viraguard® 	<ul style="list-style-type: none"> ■ 1:5 bleach / water solution ■ Clorox® Dispatch® Hospital Center ■ Clorox® Germicidal Bleach ■ PDI® Sani Cloth® Bleach 	<ul style="list-style-type: none"> ■ Hydrogen peroxide ■ Virex® TB ■ Virex® II 256 ■ Virex® 5 ■ Virox® Accel® TB Wipes 	<ul style="list-style-type: none"> ■ 3M™ Neutral Cleaner 3L ■ 3M™ Neutral Quat 23L ■ Biotrol™ Birex® ■ Clorox® Disinfecting Wipes ■ Ecolab® Asepticare® TB +II ■ Ecolab® Discide® ■ Lysol® Disinfecting Wipes ■ Metrex™ CaviCide™ ■ Metrex™ CaviWipes™ ■ PDI® Sani-Cloth® Plus ■ PDI® Super Sani-Cloth® ■ Steris Coverage Plus Germicidal Wipes

Ultrafabrics products have been tested with all of the above mentioned cleaners and are not affected by any of these cleaners and disinfectants.

Ultrafabrics products can withstand a large range of hospital grade disinfectants and cleaners without damage to the surface finish, gloss or impact their physical properties such as tear strength, abrasion resistance or rub fastness.

Follow the manufacturers recommended guidelines for cleaning and thoroughly rinse all solution residue with clean water after cleaning and allow to air dry.

This information is not a guarantee.

Please use all cleaning and disinfecting agents safely and as instructed. The use of other cleaning agents, disinfectants, conditioners or protectants not in this list is not recommended and can degrade fabric's performance and may void Ultrafabrics/Tapis warranty.



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