

### How to Clean Study

#### Crypton® Fabric

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#### Recommended Care and Cleaning Guide:

Mix 5 parts water with 1 part of an enzyme laundry detergent (Tide® or Cheer®) to have a mixture that works well on all stains. Most liquid spills simply blot off the surface with a dry towel. If a stain remains, follow these simple steps:

1. Remove excess soil, and apply the soap mixture on the stained area.
2. Allow solution to remain on stain for 1 minute.
3. Blot up the stain with a dry, clean towel, rinse any remaining soap and blot the area again

Repeat these steps if a spot still remains. If agitation is necessary, spray the stained area and work the stain using a soft brush or edge of spoon from outside of spot toward the middle. Blot and rinse to remove any soap.

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#### Extraction Cleaning:

Most housekeeping operations periodically extract the upholstered surfaces. Follow these steps to safely remove stains using extraction equipment:

1. Before wet cleaning, vacuum the upholstery.
  2. Apply a cleaning solution to specific spots, and lightly brush.
  3. Follow directions on filling extraction machine with proper solution, wet the area with pre-spray and vacuum up the solution.
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#### If Bleach Cleaning is Required:

1. Spray a 90% water/10% bleach mixture on the fabric and allow to linger for the time specified by the Centers for Disease Control and Prevention.
  2. Make certain to thoroughly rinse with clean water after bleach-cleaning to remove any residual bleach and pat dry.
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Cleaning information is offered for general guidance and is not a guarantee. The use of certain cleaning agents can be harmful to the surface appearance and lifespan of a product. Burch Fabrics assumes no responsibility for damage to a product resulting from lack of cleaning, improper cleaning or the misuse of cleaning agents. Certain clothing and accessory dyes (such as those used on denim jeans) may migrate to materials and cause permanent damage. Burch Fabrics cannot be held responsible for dye transfer caused by external contaminants.

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### Crypton goes beyond clean.

**Crypton's patented moisture barrier is proven to prevent solids and liquids from permeating to the cushion below – allowing Crypton fabric to be cleaned and disinfected. Clean is good but disinfected is better.**

While cleaning and disinfecting are sometimes performed in the same step, there are noteworthy differences. Cleaning is the apparent removal of liquid and food contaminants, while disinfecting is the elimination / killing of microorganisms that can survive in the presence of moisture and food sources that are not visible to the human eye. It is possible for a surface to appear clean but not be disinfected.

Crypton's EPA-approved **Disinfectant & Deodorizer** with Crypton Barrier Fabrics is an engineered system of disinfection for high-use, high-abuse settings. EPA-registered, one-step disinfectant cleaner, Crypton's Disinfectant is effective against a broad spectrum of bacteria, viruses, mold, mildew and fungus, and disinfects hard, non-porous surfaces including Crypton barrier fabrics.

To disinfect Crypton, the Disinfectant & Deodorizer must remain on the fabric for a period of time. The time required varies the type of microorganism, though 5 to 10 minutes is best.

#### **Directions to clean and disinfect Crypton fabric with liquid barrier with its EPA-registered Disinfectant:**

1. Remove spills with an absorbent cloth or paper towel.  
If needed, clean heavily soiled areas with soap and water.
2. Remove excess moisture and soap via vacuum extraction or wiping with a clean, dry cloth.  
Remove all soap so that it does not attract soil.
3. Apply Crypton's Disinfectant & Deodorizer 6-8 inches from surface.  
(and please do not inhale)
4. Allow surface to remain wet for 10 minutes for best results.
5. After 10 minutes, wipe dry or allow to air dry.
6. Rinse hard, non-pours food contact surface with water after application.



**Crypton offers the ability to clean and disinfect your fabric – ensuring permanent resistance to odors, mold and mildew, making Crypton the sustainable choice to help protect both your environment and your investment.**



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In addition to Crypton's EPA-approved Disinfectant & Deodorizer, Burch's Crypton fabrics can be cleaned using many different cleaners. Below is a list of common cleaners that our researchers have tested on Crypton barrier fabric and the results found following exposure.

| Cleaner / Disinfectant       | Active Ingredient                    | Disposition <sup>1</sup>   |
|------------------------------|--------------------------------------|--|
| 409                          | Quaternary ammonium                  | No issues at 10 exposures  |
| 3M Neutral Quat              | Quaternary ammonium                  | No issues at 10 exposures  |
| Accel TB                     | Hydrogen peroxide                    | No issues at 10 exposures  |
| Acetone                      | Acetone                              | UNACCEPTABLE – 5+ exposures in the same area may compromise moisture barrier   |
| Asepticare                   | Quaternary ammonium                  | No issues at 10 exposures  |
| Cavicide                     | Quaternary ammonium, alcohol         | No issues at 10 exposures  |
| ChemSpec                     | Sulfonates                           | No issues at 10 exposures  |
| Citrus H2O2                  | Hydrogen peroxide                    | No issues at 10 exposures  |
| Clorox Cleanup (bleach)*     | Hypochlorite                         | Disperse dyed polyester: Exceeding 10% bleach for 10 minutes can result in color loss. UNACCEPTABLE. Cellulosics will have color loss. |
| Clorox Wipes*                | Hypochlorite                         | No issues at 10 exposures  |
| Crypton Gold                 | Sulfonates                           | No issues at 10 exposures  |
| Crypton Purple               | Ethoxylate                           | No issues at 10 exposures  |
| Discide                      | Quaternary ammonium, alcohol         | No issues at 10 exposures  |
| Febreze                      | Ethanol                              | No issues at 10 exposures  |
| Greased Lightning*           | Alcohols, sulphonic acid             | No issues at 10 exposures  |
| Hydrogen Peroxide            | Hydrogen peroxide                    | No issues at 10 exposures  |
| Lysol                        | Phenols, quaternary ammonium         | No issues at 10 exposures  |
| Oasis 146                    | Quaternary ammonium, alcohols        | No issues at 10 exposures  |
| Oxivir TB                    | Hydrogen peroxide                    | No issues at 10 exposures  |
| Oxycide                      | Peroxyacetic acid, hydrogen peroxide | No issues at 10 exposures  |
| PDI Sani Wipe                | Quaternary ammonium, alcohol         | No issues at 10 exposures  |
| Scotchgard Oxy               | Hydrogen peroxide, propanol          | No issues at 10 exposures  |
| Teflon Carpet and Upholstery |                                      | No issues at 10 exposures  |
| Viraguard                    | Isopropanol                          | No issues at 10 exposures  |
| Virasept                     | Hydrogen peroxide, acetic acid       | No issues at 10 exposures  |
| Virex TB*                    | Quaternary ammonium                  | No issues at 10 exposures  |
| Virox 5                      | Hydrogen peroxide                    | No issues at 10 exposures  |
| Wexcide 128                  | Phenols                              | No issues at 10 exposures  |
| Windex*                      | Ammonium, alcohols                   | No issues at 10 exposures  |

\* For Cellulosic and Nylon-containing fabrics, these cleaners have been found to cause color loss or discoloration of the fabric.

<sup>1</sup> Disposition is related to potential loss of Crypton barrier function measured by hydrostatic testing. Color loss attributes are only mentioned for informational purposes.

Only select fiber types have been reviewed for color loss. Results can vary by fiber type and fabric construction.

Always check an inconspicuous area first. Thoroughly rinse cleaner/disinfectant for optimal performance and appearance retention.

**The results for cleaners/disinfectants listed does not imply “approved” or that results are guaranteed. These evaluations and indicators after laboratory testing and may not be indicative of field performance. Customers should first determine if products are appropriate for use on their surfaces. The majority of today's disinfectant chemistries are mainly designed for use on hard environmental surfaces such as ceramic, porcelain, laminate, steel, etc. After each application these types of disinfectants on seating surfaces the surface must be wiped with clean water and dried with a clean towel to remove any chemical residue that could eventually discolor or degrade the material surface.**

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