

What is SilvaClean® and how does it work?

SilvaClean is an antimicrobial textile treatment developed by Applied Silver. It works on all natural and synthetic fibers and gets reapplied each time the item is laundered. Ionic silver is a natural antimicrobial that works to kill stain and odor causing bacteria, mold and mildew using three (3) microbe-killing mechanisms: (1) inactivation of key enzymes such as those required for respiration, (2) disruption of the DNA process, and (3) damage of the cell wall. SilvaClean's unique technology distributes the silver ions throughout the textile to provide ongoing antimicrobial protection across the entire textile surface before, during and after use.

What type of antimicrobial is SilvaClean®?

SilvaClean is a bactericide and fungicide. It kills stain and odor causing bacteria, mold and mildew in fabrics.

What's the difference between SilvaClean® and other Bactericides/Fungicides?

SilvaClean is persistent. It continues to kill stain and odor causing bacteria, mold and mildew on fabrics before, during, and even after use. Most bactericides/fungicides require moisture (e.g. sweat or urine) to be activated and are not persistent. SilvaClean continues to protect the fabric in between use and laundering when moisture is not present.

How long does SilvaClean® last?

SilvaClean is stable in fabric and has shown efficacy in real-time stability studies over 4 years. However, during use, the silver ions in the treated fabric may become "used up". When the fabric is re-laundered, it gets replenished with a fresh treatment of SilvaClean so you never should worry about the textile remaining persistent.

Is there a risk of allergic reactions to SilvaClean®?

SilvaClean utilizes pure silver and there are no known allergic reactions to silver in this form. Perceived silver allergies such as those to sterling silver jewelry are reactions to other elements in the silver based alloy, most commonly nickel.

Is SilvaClean® environmentally friendly?

Yes. SilvaClean is a better option for the environment than disposable textiles as a solution for infection control because it significantly reduces waste and any residual silver ions in the waste water are at a level significantly below the EPA's requirements.

Is SilvaClean® EPA Registered?

SilvaClean is approved by the US EPA as well as the EPA for each state. The active ingredient in SilvaClean is silver which is listed as a pesticide by the US EPA.

Is SilvaClean® compatible with all laundry formulas?

Yes. SilvaClean has been tested with several brands of detergent, bleach, sours, softeners, breaks, etc.

Why are sports teams using SilvaClean®?

Sports teams are using to improve the cleanliness of their textiles and gear impacting the athletic environment. Because SilvaClean addresses stain and odor causing bacteria in the textiles, locker room odor significantly decreases when SilvaClean is used.

Why do hotels use SilvaClean®?

SilvaClean creates a cleaner environment by keeping textiles free of odor and stain causing bacteria, mold and mildew and fungi. Foul odors from smoking rooms are also a common issue for hotels. SilvaClean binds with nicotine, the active ingredient in tobacco smoke, thus preventing foul odors from tobacco smoke.