



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 23, 2016

David Swain  
Agent for Applied Silver, Inc.  
Applied Silver, Inc.  
26254 Eden Landing Road  
Hayward, CA 94545

Subject: Label Amendment – To add new textile types and revise minimum usage rate  
Product Name: SilvaClean  
EPA Registration Number: 90335-1  
Application Date: November 10, 2015  
Decision Number: 511485

Dear Mr. Swain:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling, you must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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Decision No. 511485

with FIFRA section 6. If you have any questions, please contact Zebora Johnson by phone at (703) 308-7080, or via email at [johnson.zebora@epa.gov](mailto:johnson.zebora@epa.gov)

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Chao". The signature is fluid and cursive, with the first name "Julie" being more prominent and the last name "Chao" following in a similar style.

Julie Chao, Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure: Accepted Label

# SilvaClean™

Antimicrobial Textile Treatment. SilvaClean™ is an antimicrobial silver treatment for commercial and industrial use on fibers or textiles SilvaClean™ is effective in inhibiting the growth of bacteria in products to which it is applied. *{These claims may appear on any label panel}*

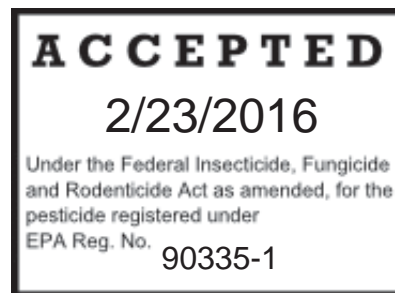
Products containing SilvaClean™ may not make claims of antimicrobial activity other than protection of the article itself against odor-causing, staining, or deteriorating bacterial in the treated article. This product does not protect users against bacteria, viruses or other disease organisms.

SilvaClean™ is composed of:

**Active Ingredient:**

<b>Silver*</b> .....	22.5%
<b>Other Ingredients</b> .....	77.5%
<b>Total</b> .....	100.0%

\* from silver nitrate.



KEEP OUT OF REACH OF CHILDREN

DANGER: Corrosive

See back panel for first aid and additional precautionary statements.

Net Contents: \_\_\_\_\_

EPA Reg. No. 90335-1

EPA Est. No. xxx-xx-x

Applied Silver, Inc.  
26254 Eden Landing Road  
Hayward, CA 94545

**SilvaClean™ is applied to or incorporated into industrial products listed below. For non-food contact uses only.**

**FOR APPLICATION IN COMMERCIAL AND INSTITUTIONAL SETTINGS**

Textiles made of: cotton and cotton/polyester blend, polyester, nylon, microfiber, spandex, and nylon/spandex blend. Example items include: pillow covers; sheets; blankets; bedspreads; apparel; uniforms; jerseys; active wear; scrubs; lab coats; quilts; liners; curtains; draperies; upholstery; towels; shower curtains; and carpets.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its label.

This product is registered as a microbiostatic agent for material preservation; neither this product nor the articles treated with this product may state or imply any public health claims. Articles or substances treated with this product in accordance with the labeled directions may be exempt from FIFRA regulation pursuant to 40 CFR 152.25(a) if the intended use for incorporating this material into a treated article or substance is for the protection of the article or substance itself.

SilvaClean™ is an antimicrobial silver application that provides 0.00016% to 0.0014% (1.6 ppm – 14 ppm) silver on fibers or textiles. The treatment level of SilvaClean™ for a product will depend on the specific needs of the manufacturer, the textile being treated, and the level and type of performance desired.

*Solution Preparation and Treatment:* SilvaClean™ is a concentrate that must be diluted with distilled or deionized water before use. Treat textile by soaking in dilute aqueous solution and agitating for at least 2 minutes. Contact Applied Silver, Inc., for dilution and treatment instructions specific to your desired performance.

Textile must be clean prior to the application of product. Retreat textile after each laundering.

**STORAGE and DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

*Storage:* Store in a safe manner only in areas inaccessible to small children. Store in original container in dark location. Keep container tightly closed when not in use.

*Pesticide Disposal:* Pesticide wastes are toxic. Improper disposal of excess pesticide, intermediate mixtures, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

*Container Handling:* Non-refillable container – do not reuse or refill this container. Return container to Applied Silver, Inc.

## PRECAUTIONARY STATEMENTS AND FIRST AID

### DANGER

#### Corrosive

Causes irreversible eye damage and skin burns. Harmful if absorbed through skin, swallowed or inhaled. Do not get in eyes, skin or on clothing. Avoid breathing vapor or spray mist. Wear goggles, face shield and chemical resistant clothing (waterproof apron, waterproof gloves covering hands, wrists, and lower forearms). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

#### First Aid

If on skin:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
If swallowed:	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.
If inhaled:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or when going for treatment.

### ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment wash waters. This product is toxic to fish and aquatic invertebrates.