



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 16, 2016

Matthew Brooks
Regulatory Consultant
Cerion Enterprises, LLC
1 Blossom Road
Rochester, NY 14610

Subject: Label Amendment – Revised the storage and disposal section; clarified the directions for use
Product Name: CerTex-Ag1
EPA Registration Number: 87396-1
Application Date: 07/05/2016
Decision Number: 519456

Dear Dr. Brooks:

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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with FIFRA section 6. If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at heffernan.aline@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Chao".

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

Enclosure: Accepted Label

**CerTex-Ag1
Biocide**

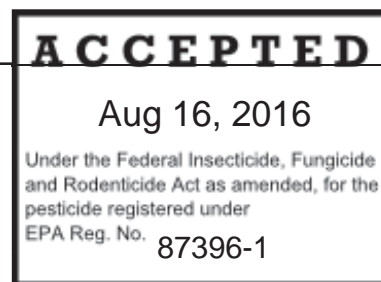
CerTex-Ag1 is an aqueous dispersion designed to confer durable antibacterial properties to textile fabrics such as fabrics used in apparel, domestics and household goods.

ACTIVE INGREDIENT:

Silver Chloride4.0%

INERT INGREDIENTS96.0%

TOTAL 100.0%



KEEP OUT OF REACH OF CHILDREN

CAUTION ----- **AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

See Below For Other Precautions.

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EPA EST. NO. 87396-NY-001

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.

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

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear goggles or face shield when handling. Wear chemical resistant gloves when handling. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water, or to areas where surface water is present or to inter-tidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

DIRECTIONS FOR USE

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

IMPORTANT! Read precautionary statements before using this product.

This product is for applications including:

Household textiles (bedding, mattress cover pads and filling, pillow covers, sheets, blankets, fiberfill for quilts and pillows, napkins, wiping cloths, non-woven general purpose cleaning cloth, mops, towels, bags, cushion pads; sleeping bags, brush bristles, filters, sponges), Carpet backing, Automotive and Industrial textiles (conveyor belts (nonfood contact), packaging, automotive and truck upholstery, automotive and truck carpeting, truck liners convertible tops and interior liners), apparel (outerwear, uniforms, coats, aprons, sportswear, sleepwear, stockings, socks, hosiery, caps, undergarments, inner liners for jackets, shoes, gloves and helmets), Home decorations (book covers, curtains, draperies, upholstery, wall covering fabrics), outdoor fabrics (sails, ropes, tents tarps, canvas, ducking, awnings, umbrellas). Do not use this product to treat materials intended for food-contact uses.

For best results: Mix CerTex-Ag1 well before using. Mix continuously during application to prevent settling. Use prepared mixture within 1 to 2 hours and protect from light when not in use. (Product is light sensitive.)

- Store CerTex-Ag1 between 5 and 25 °C (41-77 °F).
- Certex-AM is generally applied during finishing operations and is compatible with a wide range of textile chemicals.
- Prior to commercial implementation, user must assess the suitability of Certex-AM for application to the material that is being treated to ensure no negative or undesirable impacts on the material or process are realized.

General Directions For Use:

Apply CerTex-Ag1 at a range of 0.08% to 0.25% on weight of goods.

Mixing instructions:

- Prior to use, agitate CerTex-Ag1 for 10 minutes with a standard prop stirrer or equivalent. Note: Protect CerTex-Ag1 from light by keeping container closed when not in use.
- Add approximately $\frac{3}{4}$ the total volume of required warm water (35-45°C (95-113°F)), plus the polymeric binder (if used) to a clean container and mix for 5 minutes.
- Add Certex-Ag1 while stirring. Then, add the remainder of the water.
- Add Certex-Ag1 mix onto the fabric. Ensure that the mix is stirred adequately during application.
- Treated fabric should be cured following supplier recommendation. Note: insufficient curing conditions will result in lower wash resistance. Contact your supplier if additional assistance is needed.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

PESTICIDE STORAGE: Store in safe manner. Store in original container only. Store in cool, dry place. Avoid storage in extreme heat and cold. Store in an area maintained between (5-25 °C (41-77 °F)). Keep container tightly closed when not in use. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength. In case of spill, absorb with sand or vermiculite. Vacuum material to avoid dust dispersal. Clean surface thoroughly to remove residual contamination. Personnel should use clothing and equipment listed under "PRECAUTIONARY STATEMENT" when handling open containers or when cleaning up spills.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, 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 DISPOSAL: Nonrefillable container. Do not refill or reuse this container. Offer for recycling if available otherwise dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

It is impossible to eliminate all risks inherently associated with the use of this product. To the extent allowed by applicable law, all such risks shall be assumed by the buyer. Except as expressly provided herein, Cerion LLC, the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage.

Manufactured by
Cerion LLC
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Rochester, New York 14610

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