

U.S. ENVIRONMENTAL PROTECTION  
AGENCYOffice of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration

(under FIFRA, as amended)

EPA Reg.  
Number:

11631-5

Date of Issuance:

JUN 03 2008

Term of Issuance:

Name of Pesticide Product: AlphaSan  
CW 12

Name and Address of Registrant (include ZIP Code):

Milliken Chemical  
P. O. Box 1927 (M-209)  
Spartanburg, SC 29303

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration Number 11631-5."

Signature of Approving Official:

Marshall Swindell  
Product Manager-33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Date:

JUN 03 2008

3. The Confidential Statement of Formula dated February 28<sup>th</sup>, 2008, is acceptable.

4. Submit three (3) copies of the final printed label prior to releasing this product for sale.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Branch I  
Antimicrobials Division (7510P)

Enclosure: (Stamped Labeling)

(Front Panel Label)

Antimicrobial AlphaSan® CW 12  
Silver-Glass

Antimicrobial AlphaSan® CW 12 is an antimicrobial powder for commercial and industrial use designed to be incorporated into various materials during varying stages of the manufacturing process to preserve the integrity of the manufactured materials.

A preservative for use in the manufacture of plastic films, interior paint, paper coatings, adhesives, and synthetic fibers.

Active Ingredient	
Silver* as elemental	1.8%
Other Ingredients	<u>98.2%</u>
Total	100.0%

\* from silver-magnesium-calcium-phosphate-borate complex

KEEP OUT OF REACH OF CHILDREN  
CAUTION

EPA Reg. No. 11631-L

EPA Est. No.

Lot Number:

Net weight:

Manufactured for:

Milliken Chemical

P.O. Box 1927

Spartanburg, SC 29303

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 03 2008  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.

11631-5

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS**

**CAUTION:** Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your state water board or regional office of the EPA.

**FIRST AID:**

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

**IF SWALLOWED**

- Immediately call a poison control center or doctor
- Do not induce vomiting unless told to do so by a poison control center or doctor
- Do not give any liquid to the person.
- Do not give anything by mouth to an unconscious person

**IF ON SKIN OR CLOTHING**

- 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 eye
- Call a poison control center or doctor for treatment advice

**DIRECTIONS FOR USE**

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

**Blending and Formulating Instructions**

Antimicrobial AlphaSan® CW 12 is a silver glass antimicrobial powder designed to be incorporated into various materials at various stages of their manufacturing process to preserve the integrity of the manufactured materials by suppressing the growth of bacteria and mold. The powder can be incorporated into the materials as an integral part of the finished products throughout their entire thickness, or as a film over the surfaces of the manufactured materials, depending on the particular method of manufacture of the finished materials and needs of the manufacturer.

Not for use in food grade paper, paperboard product, paper coatings, and adhesives.

**ACCEPTED**  
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in EPA Label Doc#

**JUN 03 2008**

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Antimicrobial AlphaSan® CW 12 may be incorporated into the following materials at the specified Maximum Concentration on a dry weight basis of finished products, or on a weight by weight basis for liquid products such as paints.

#### Plastics and Films

Maximum Concentration: 1.5%

Uses: non food use only. Not for food contact or water pipes

Examples of Polymers: polyester, polyamide, polypropylene, polyethylene, polysiloxane, polyethylene copolymer, polyvinyl alcohol, epoxy resin, phenol resin, polycarbonate, cellulose acetate, polystyrene, polyurethane, acrylic resin, methyl methacrylate, acrylonitrile butadiene styrene copolymer, etc.

Examples of finished products: gloves, shower curtains, cable wraps, protective covers, foam containers, brush handles, sponges, insulators, gaskets, tubings, containers, films, furniture, etc.

#### Paint:

Maximum Concentration: 1.5%

Uses: Water base and solvent base for interior use only. Not for outdoor use.

#### Paper Coating:

Maximum Concentration: 1.5%

Uses: nonfood packaging paper. Not for food contact, not for use in paper production

Examples of paper types: cellulosic, synthetic, specialty, reinforced papers, etc.

Examples of finished products: wallpaper, wiping towels, book covers, corrugated paper filters, etc.

#### Adhesive

Maximum Concentration: 2.0%

Uses: Adhesives for plywood manufacture, cement tile and sealants and similar uses.  
Not for adhesives for paper or containers that will come in contact with food products.

#### Fibers

Maximum Concentration: 2.0%

Examples of Polymers: polyester, polypropylene, nylon, polyethylene, acrylic, rayon, etc.

Examples of products for home furnishings: mattress cover pads, sheets, blankets, quilt and pillow fiber fill, curtain and drapery, carpet and its underlay, upholstery, wiping cloth, towels, bags, wallcover fabrics, cushion pads, etc.

Examples of products for apparel: interlinings, industrial uniforms, coats and aprons, sportswear, sleepwear, stockings, socks, helmets, caps, gloves, etc.

Examples of industrial products: brush bristles, shoe linings, artificial leather, filter, book covers, sail cloth, ropes, etc.

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**Textile Finishing**

Maximum Concentration: 0.75%

Examples of products: various surface resin coating textiles

**STORAGE AND DISPOSAL**

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

This is a nonrefillable container.

**Pesticide Storage:** Do not store in areas accessible to children. Keep containers covered during storage and away from water and excessive moisture and humidity. Keep away from direct sunlight.

**Pesticide Disposal:** Wastes from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Completely empty bags into processing equipment where the pesticide is used. Then dispose of empty bag and box in a sanitary landfill or by incineration.

**Warranty Statement**

MILLIKEN CHEMICAL warrants that this product conforms to the chemical description on the label. MILLIKEN CHEMICAL makes no warranties of merchantability or fitness for a particular purpose or any other expressed or implied warranty except as stated above.

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