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 98.2%
TOTAL: 100.0%

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

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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your state water board or regional office of the EPA.

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.

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.

Antimicrobial AlphaSan® CW 12 is not for use in food grade paper, paperboard product, paper coatings, and adhesives.

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: polyethylene; polypropylene; polystyrene; polyethylene copolymer; polyvinyl alcohol; epoxy resin; phenol resin; polycarbonate; cellulose acetate; polystyrene; polyurethane; acrylic resin; methyl methacrylate; styrene copolymers, etc. Examples of finished products: gloves; shower curtains; cable wraps; protective covers; foam containers; brush handles; sponges; insulators; gaskets; tubing; containers; films; furniture, etc.

Paint
Maximum Concentration: 1.5% Uses: Water based and solvent base for interior use only. Not for outdoor use.

Paper coating
Maximum Concentration: 1.5% Uses: Non-food packaging paper. Not for food contact, not for use in paper production. Examples of paper types: cellulose; synthetic specialty; reinforced papers, etc. Examples of finished products: wall paper; 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; polyethylene; 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.

Textile Finishing
Maximum Concentration: 0.75%. Examples of products: various surface resin coating textiles.

Questions: 1-800-345-0372 (9:00 a.m. to 5:00 p.m., Eastern time) Label Revision: 06-03-2008

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 or 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 sanitary landfill or by incineration, if allowed by state and local authorities.

Manufactured For
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Net Weight: 1.0 kg (2.2 lbs)