Antimicrobial AlphaSan® RC 5000

An antimicrobial additive especially designed to withstand high temperatures in the manufacture of plastics, films, fibers, polymeric materials and ceramics. For Use In Formulating, Manufacturing, and Fabricating of Treated Article Products Specified in the Use Directions.

Active Ingredient:
Silver sodium hydrogen zirconium phosphate* 99.9%
Other ingredients 0.1%
TOTAL: 100.0%

*Contains 3.8% silver, weight/weight

KEEP OUT OF REACH OF CHILDREN
CAUTION
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
Causes moderate eye irritation. Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Do not breathe dust.

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

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.

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.

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

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

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 presicide is used. Then dispose of empty bag and box in sanitary landfill or by incineration, if allowed by state and local authorities.

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

EPA Reg. No. 11631-2
EPA Est. 11631-SC-001

Net Weight: 10.0 Kg (22.0 Lbs)

DIR ECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Antimicrobial AlphaSan® RC 5000 is an antimicrobial powder for commercial use. It is designed to be incorporated into materials during the manufacturing process to impart antimicrobial activity to manufactured products. Antimicrobial AlphaSan® RC 5000 suppresses the growth of bacteria, algae, fungi, mildew and mold. If microbial activity in the manufactured product could lead to unpleasant odors, discoloration or deterioration of the product, then such a claim may be made for the manufactured product. Manufactured products incorporating Antimicrobial AlphaSan® RC 5000 may not make any public health claims relating to antimicrobial activity without first obtaining an EPA registration for the manufactured product which permits such claims. When incorporated into manufactured products, Antimicrobial AlphaSan® RC 5000 does not protect users of any such manufactured product or others against food borne or disease causing bacteria, viruses, germs or other disease causing organisms.

Antimicrobial AlphaSan® RC 5000 may be used in materials that may be incorporated into manufactured products listed below. The final articles (or finished coating, for all uses requiring coating type applications) may contain from 0.1% to 2.0% weight, except as specifically noted.

FOOD CONTACT USES
Antimicrobial AlphaSan® RC 5000 may be used as an antimicrobial additive in the polymeric manufactured products listed below that are used for manufacturing, packaging, transporting, handling and/or holding food if such use is not intended to have any microbial effect in the food itself. Do not incorporate Antimicrobial AlphaSan® RC 5000 into any food contact polymer unless that food contact polymer and use conditions are approved and listed in 21 CFR 175.180 (individually, or in the United States Food and Drug Administration’s ‘Food Contact Substance Notification System.’ Any incorporation of Antimicrobial AlphaSan® RC 5000 into any food contact substance other than an approved and listed food contact polymer is prohibited.

Plastics, coatings, films and laminates: Including appliances and equipment; barrier fabrics; beverage dispensing equipment; beverage processing equipment; bottles; brush bristles; building materials and components; collection and storage equipment (including piping systems, tiles, tanks and processing vessels); conveyor belts; cooking counter tops; including kitchen countertops and other counter tops; cups; cutting boards; dishes; filters; food and drink containers; food handling equipment; food packaging; food processing equipment; food storage containers and bags; food trays and covers; food-warp (including coated deli paper), coated meat moisturizers and plastic wrap; gaskets; general purpose containers; glazing for cement tile and for vitreous china use; in plumbing fixtures such as sinks; industrial equipment; insulators; kitchen and bathroom hardware; kitchen and food processing utensils and supplies; lenses; mats; mats; natural and synthetic fibers and fabrics; non-woven fabrics; packaging; paper products (wipes and tissues, towels); plastic film; plumbing supplies and fixtures; protective covers; sponges; tapers; tiles; tubing; waste containers.

Fibers: Including table cloths; napkins; wiping cloths; mats; towels; bag; brush bristles; filters; gaskets; packaging (including bags, sacks, weeps, creels and absorbent materials, containers); conveyer belts; clothing apparel (including uniforms, overcoats, gloves, aprons, coats); kitchen, commercial and industrial wires and fabrics; food packaging (containers and bags).

Adhesives and sealants: Including adhesives used in the manufacture of wood and plastic composite; adhesives for ceramic tile, wood, paper, cardboard, rubber and plastic; gasket and joint compound; sealants for pipes; adhesives, sealants and insulating materials for appliances; plumbing adhesives; adhesives for packaging.

DRINKING WATER CONTACT USES
Antimicrobial AlphaSan® RC 5000 may be used for the human drinking water contact use listed below. The additive may be incorporated into food bowls and water bowls, dishes, and other containers used by domestic animals. Do not use for any food or drinking water applications involving non-domestic animals.

Plastics; Fibers; Coatings, Films, and Laminates; Adhesives and sealants: Including ice making equipment (water pans, piping, tubing, guards, ice storage bins, ice scoops, buckets, valves, and gaskets); drinking water contact materials (water bottles, cups, gaskets, plumbing fixtures, storage tanks, water piping, tubing, valves, spigots, coolers, water dispensing components, housing units, and water filter components).

NON-FOOD CONTACT USES
Antimicrobial AlphaSan® RC 5000 may be incorporated into manufactured products listed below for non-food contact uses. Antimicrobial AlphaSan® RC 5000 also may be used for non-food contact uses in any manufactured product listed above for Food Contact Uses or Drinking Water Contact Uses.

Plastics, coatings, films and laminates: Including appliances and equipment; automotive and vehicle parts; barrier fabrics; brush handles; building materials and components; collection and storage equipment (including piping systems, tiles, tanks and processing vessels); conveyor belts; cooking counter tops; floor coverings; flooring; footwear (including boots); furniture; gaskets; general purpose containers; glazing for cement tile and for vitreous china used in plumbing fixtures such as toilets, sinks, coverings; hoses; and outdoor furniture; industrial equipment; insulation for wire and cable; insulation; kitchen and bathroom hardware; lenses; mats; mats; natural and synthetic fibers and fabrics; non-woven fabrics; packaging; paper products (wipes and tissues, towels); plastic film; plumbing supplies and fixtures; protective covers; roofing shingles; shower curtains; siding; sills; sponges; storm equipment; tape; tiles; tools; tubing; vacuum cleaner bags; wallboard; wall; waste containers; writing instruments. For coatings used on the inside of fire system sprinkler pipes, Antimicrobial AlphaSan® RC 5000 may be incorporated at levels up to 5% by weight.

Fibers: Including: Mattress cover pads and filling; pillow covers; sheets; blanets; fiberglass for quilts and pillows; curtains; draperies; carpet and carpet underlay; rugs; upholstery; table clothes; napkins; wiping cloths; mats; towels; bags; wall covering fabrics; cushion pads; sleeping bags; brush bristles; filters; gaskets; packaging; conveyor belts; automotive and truck upholstery; carpeting; rear decks; trunk interiors; convertible tops and interior interiors; umbrellas; outerwear; uniforms; coats; aprons; sportswear; sleepwear; stockings, socks; heairy; caps; undergarments; inner liners for jackets; shoes; gloves; helmets; artificial leather; book covers; cloth for soles; ropes; tents and other outdoor equipment; tarp; awnings.

Adhesives and sealants: Including adhesives used in the manufacture of wood and plastic composite; adhesives for ceramic tile, wood, paper, cardboard, rubber and plastic; grating for windows; grout; sealants for pipes; adhesives; sealants and insulating materials for appliances, bathrooms, showers, kitchens, and construction; plumbing adhesives; adhesives for packaging.

Miscellaneous Manufactured Products: Toilets; sinks; tile; flooring; sconce; plater; et; filter; drainage and sewerage pipe.

Heating, Ventilation and Air Conditioning (HVAC): equipment and related materials including air handlers, pleume, coils, fins, insulation, rigid or flexible ducts, drain pans, duct support mechanisms, diffusers, filters, bus exchangers, air purifiers, supplemental articles used in the assembly of HVAC systems such as gaskets, fixturs, etc.

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Question: 1-800-345-6372 (8:00 a.m. to 5:00 p.m., Eastern time)

Label Revision: 06-20-2004