Antimicrobial AlphaSan® RC 5000
US Patent 3,596,234

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 zincophosphate* 99.9%
Other ingredients: 0.1%
TOTAL: 100.0%

*Contains 3.8% silver, weight/weight

KEEPS 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 to 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 to 20 minutes. Call a poison control center or doctor for treatment advice.

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

Pesticide Storage: Do not store in areas accessible to children. Keep containers covered during storage and away from heat 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: Nonrefillable container. Do not reuse or refill this container. Completely empty bags into processing equipment where the pesticide is used. Do not use for commercial compost or for sanitary fill or bedding. When discarded, follow all state and local authorities.

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.

EPA Reg. No. 11631-2
EPA Est. 11631-SC-002

Milliken Chemical
P.O. Box 1927
Spartenburg, S.C., 29304

Net Weight 10 lb (22 lbs)

DIRCTIONS 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 concentration use. It is designed to be incorporated into the manufacturing process to impart antimicrobial activity to its manufactured products. Antimicrobial AlphaSan® RC 5000 increases the growth of bacteria, fungi, algae, mold, and mildew. If microbial activity in the manufactured product leads to formation of odors, discolouration or deterioration of the product, such a claim may be made for the manufactured product. Manufactured products incorporating Antimicrobial AlphaSan® RC 5000 may not be used as any public health claims relating to antimicrobial activity during the next 3 years in accordance with EPA requirements for the manufactured product which contains such claims. When incorporated into manufactured products, Antimicrobial AlphaSan® RC 5000 does not present any of such manufactured product as a result 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 manufac
tured products listed below. The final article (or limited coating) for all uses requiring coating type applications may contain from 0.1% to 20% by 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 in basic manufacturing, packaging, polishing, graining, or popular surface finishing of wood or metal that is intended to have no permanent effect on the food itself. Do not incorporate: Antimicrobial AlphaSan® RC 5000 into any food contact plastic or where food contact polymer and any food contact conditions are approved and listed at 21 CFR (73.5(c)(6)) 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 will have to be approved for that specific food contact application.

Plastics: coating, deodorizing, and flame retardation. See Application Guide on S-4540 for a complete listing of approved uses. Antimicrobial AlphaSan® RC 5000 may be used in all plastic and metal products that are intended to contact food constituents.

Fibers: In addition to the deodorization of woolen, mohair, rayon, and nylon; fabrics; for household and industrial fibers and fabrics; non-woven fibers; packaging; paper products; resins; cements; and adhesives. Antimicrobial AlphaSan® RC 5000 may also be used in the manufacture of wood and plastic composites, adhesives for cements for wood, paper, cardboard, and plastic.

NOTE: FOR CONTACT USES: Antimicrobial AlphaSan® RC 5000 must be used in the manufacturing, polishing, or finishing of wood or metal that is intended to have no permanent effect on the food itself. Do not incorporate: Antimicrobial AlphaSan® RC 5000 into any food contact plastic or where food contact polymer and any food contact conditions are approved and listed at 21 CFR (73.5(c)(6)) 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 will have to be approved for that specific food contact application.

Plastics: Coatings, fabrics, and laminates. Adhesives and sealants: Incuding any coating system (water, oil, and solvent), adhesives, and sealants for all gasket materials and sealants, including metal and nonmetal gaskets, wood, and nonmetal materials. Antimicrobial AlphaSan® RC 5000 may be used in all plastic and metal products that are intended to contact food constituents.

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