

ROCIMA™ 586

Industrial Microbicide, For Use In, Adhesives and Tackifiers, Aqueous Raw Materials, Aqueous Slurries of Pigments, Building Materials, Fountain Solutions, Household and Consumer Products, Process and Wash Water, Paints and Coatings, Polymer Latexes, printing inks, and, industrial cooling water and air washers

Produced for: NUTRITION & BIOSCIENCES USA 2, LLC
1652 Larkin Center Drive
Midland, Michigan, 48642
Phone: 1-800-526-3649



10334762

Material Number

Net content:

200.0 KG



440.9 lbs
50.3 Gals

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101156245 / 101132779 / Version 0.00

ACTIVE INGREDIENTS:	
5-Chloro-2-methyl-4-isothiazolin-3-one	0.78%
2-Methyl-4-isothiazolin-3-one	0.28%
2-bromo-2-nitro-1,3-Propanediol	7.50%
INERT INGREDIENTS:	91.44%
Total:	100.00%
KEEP OUT OF REACH OF CHILDREN	
DANGER	
FIRST AID	
IF ON SKIN:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 min. Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 min. Remove contact lenses, if present, after first 5 min. then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Have person sip a glass of water if able to swallow. Do not give anything to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
IN CASE OF EMERGENCY CALL CHEMTREC (800) 424-9300	
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be necessary.	
SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER
CORROSIVE CAUSES IRREVERSIBLE EYE DAMAGE CAUSES SKIN BURNS HARMFUL IF SWALLOWED OR INHALED
Do not get in eyes, on skin or on clothing. Mixers, loaders and others exposed to this product must wear: long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. This product may cause skin sensitization reactions in some people.
ENVIRONMENTAL HAZARDS
This chemical is toxic to fish and aquatic invertebrates. 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 Pollutant 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. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

DIRECTIONS FOR USE
IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.
STORAGE AND DISPOSAL PESTICIDE STORAGE
Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Do not apply this product in a way that will contact workers or other persons. Do not allow to freeze.
PESTICIDE DISPOSAL
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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 reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by procedures approved by state and local authorities.
Manufacture Date: 00.00.0000 EPA Reg. No. 707-315 EPA Est No. 83434-IL-1

ROCIMA™ 586 is an effective preservative in most aqueous compositions. The concentration required to give protection depends on several factors. These include the susceptibility of the system to microbiological degradation, the extent to which micro-organisms can gain access, the species involved, pH, temperature, and length of time for which protection is required.
INDUSTRIAL COOLING WATER AND AIR WASHERS
For the control of bacteria, algae, and fungi in industrial recirculating water cooling towers and industrial recirculating closed loop water cooling systems add ROCIMA™ 586 to the tower basin, distribution box, air washer sump, chilled water sump or some other point to insure uniform mixing.
INITIAL DOSE: When the system is noticeably fouled, add 200 to 1250 ppm of ROCIMA™ 586 (1.67-10.4 pounds or 24.4-152 fluid ounces of ROCIMA™ 586 per 1000 gallon of water in the system). Repeat until control is achieved.
SUBSEQUENT DOSE: When microbial control is evident, add 50 to 310 ppm of ROCIMA™ 586 (0.42-2.59 pounds or 6.1-37.8 fluid ounces of ROCIMA™ 586 per 1000 gallon of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.
NOTE: For use only in systems that maintain effective mist-eliminating components.
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Typical applications, and the suggested range of concentrations on which trials can be based are:		
Refer to the table at the end of this section for recommended dose rates.		
ADHESIVES AND TACKIFIERS		
For the control of bacteria in applications such as animal glues, vegetable glues, natural rubber latexes, polyvinyl acetate, styrene-butadiene and acrylic latexes and tackifiers derived from rosin and hydrocarbon resins.		
AQUEOUS RAW MATERIALS		
For the control of bacteria in applications such as process water, silicone emulsions, surfactants used in industrial and household consumer products as well as for package utility products such as pre-moistened sponges and mops.		
AQUEOUS SLURRIES OF PIGMENTS		
For the control of bacteria in applications such as titanium dioxide or of materials such as kaolin, calcium carbonate, calcium sulfate and magnesium sulfate.		
BUILDING MATERIALS		
For the control of bacteria in applications such as mastics, caulks, sealants, grouts, spackling, ready-to-mix cement and wallboard compounds, and tape-joint compounds.		
FOUNTAIN SOLUTIONS		
For the control of bacteria in fountain solutions used for lithographic printing operations (only use in fountain solutions that are automatically diluted prior to use at a level that ensures the final use dilution will contain these levels).		
Type of material to be protected	Lbs ROCIMA™ 586 To Use Per 1,000 Lbs Of Material To Be Protected	
Adhesives and Tackifiers	0.5 to 2.25 lb (0.05-0.225%)	
Aqueous raw materials	0.5 to 1.4 lb (0.05-0.14%)	
Aqueous Slurries of Pigments	0.5 to 2.25 lb (0.05-0.225%)	
Building Materials	0.5 to 2.25 lb (0.05-0.225%)	
Fountain Solutions	0.5 to 2.25 lb (0.05-0.225%)	
ROCIMA™ 586 weighs 8.763 pounds per gallon		

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Typical applications, and the suggested range of concentrations on which trials can be based are:

Refer to the table at the end of this section for recommended dose rates.

IN-CAN PRESERVATION

For the control of bacteria in industrial and household consumer products, including all-purpose liquid cleaners, furniture and floor polishes, pesticides, anti-tarnish products, carpet shampoos and carpet pre-splotters.

INDUSTRIAL WATER

For the control of bacteria and fungi in applications such as process water, boiler water, white water, wash water and waste water.

LIQUID DETERGENT PRODUCTS

For the control of bacteria in applications such as dishwashing detergents, laundry detergents, laundry pre-splotters, fabric softeners, laundry spray starch, automotive cleaners, automotive waxes, and automotive polishes.

PAINTS AND COATINGS

For the control of bacteria in applications such as paper coatings, wood coatings and paints used for architectural product finishes, and special purpose coatings.

POLYMER LATICES

For the control of bacteria in applications including acrylic, styrene-butadiene, carboxylated styrene butadiene, ethylene/vinyl acetate, biopolymers intended for industrial use such as xanthum gum, gum arabic, guar gum, protein-derived polymers, starches, casein-derived polymers and solution polymers.

PRINTING INK AND INK COMPONENT CONCENTRATES

For the control of bacteria in applications such as flexographic, gravure, screen and ink jet printing. Ensure that the final use dilution product contains the recommended dose rates.

<u>Type of material to be protected</u>	<u>Lbs ROCIMA™ 586 To Use Per 1,000 Lbs Of Material To Be Protected</u>
In-Can Preservative	0.5 to 2.25 lb (0.05-0.225%)
Industrial Water	0.5 to 2.25 lb (0.05-0.225%)
Liquid Detergent Products	0.5 to 1.5 lb (0.05-0.15%)
Paint and Coatings	0.5 to 2.25 lb (0.05-0.225%)
Polymer Latices	0.5 to 4.5 lb (0.05-0.45%)
Printing Inks	0.5 to 2.25 lb (0.05-0.225%)