

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER

CORROSIVE
CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS
MAY CAUSE ALLERGIC SKIN REACTION
HARMFUL IF INHALED
HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN
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 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 aquatic plants, 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.

EPA Reg. No. 707-133-71675			
EPA Est. No:	<input type="checkbox"/> 52675-MD-01	<input type="checkbox"/> 53431-TX-01	
	<input type="checkbox"/> 67701-AL-01	<input type="checkbox"/> 80721-WA-01	
	<input type="checkbox"/> 71675-MN-01	<input type="checkbox"/> 44392-TN-01	

PRODUCED FOR:

U. S. WATER SERVICES
12270 43RD STREET NE, SAINT MICHAEL, MN 55376
(763) 689-3636 / (866) 663-7633 (toll-free)

NET CONTENTS: (AS SPECIFIED ON CONTAINER)

BIOTROL 102

ACTIVE INGREDIENTS:	
5-Chloro-2-methyl-4-isothiazolin-3-one	1.11%
2-Methyl-4-isothiazolin-3-one	0.39%
INERT INGREDIENTS:	98.50%
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 AN EMERGENCY endangering life or property involving this product, call (800) 255-3924.	
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

DIRECTIONS FOR USE

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

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS
For the control of microbial biofilms, bacteria, algae, and fungi, add this product to industrial recirculating water cooling towers at some point in the system to insure uniform mixing.
INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm product (2.2 to 13.2 ppm active ingredient). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.
SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm product (0.5 to 3.3 ppm active ingredient) weekly or as needed to maintain control.

INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS
For the control of microbial biofilms, bacteria, algae, and fungi, add this product to industrial recirculating closed loop water cooling systems at some point in the system to insure uniform mixing.
INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm product (2.2 to 13.2 ppm active ingredient). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.
SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm product (0.5 to 3.3 ppm active ingredient) weekly or as needed to maintain control.

AIR WASHER SYSTEMS
Add to the air washer sump or chill water sump to insure uniform mixing, 35 - 883 ppm product (0.5 to 13.2 ppm active ingredient) depending upon the severity of contamination to control microbial biofilms, bacteria, fungi, and algae which cause fouling in industrial air washer systems.
INTERMITTENT OR SLUG METHOD:
INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm product (2.2-13.2 ppm active ingredient). Repeat until control is achieved.
SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm product (0.5 to 3.3 ppm active ingredient) in the system weekly or as needed to maintain control. Badly fouled systems should be cleaned before treatment is begun.
CONTINUOUS FEED METHOD
INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm product (2.2-13.2 ppm active ingredient).
SUBSEQUENT DOSE: Maintain this treatment level by adding a continuous feed of 35 - 219 ppm product (0.5 to 3.3 ppm active ingredient). Badly fouled systems must be cleaned before initial treatment.
NOTE: For use only in systems that maintain effective mist-eliminating components.

INDUSTRIAL PROCESS WATER SYSTEMS
Not registered for this use in the State of California
For the control of microbial biofilms, bacteria, algae, and fungi, add this product to industrial process water systems at some point in the system to insure uniform mixing.
INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm product (2.2-13.2 ppm active ingredient). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.
SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm product (0.5 – 3.3 ppm active ingredient) weekly or as needed to maintain control.

BREWERY PASTEURIZERS
Not registered for this use in the State of California
For the control of microbial biofilms, bacteria, algae, and fungi, add this product to brewery pasteurizers at some point in the system to insure uniform mixing.
INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm product (2.2-13.2 active ingredient). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.
SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm product (0.5 to 3.3 ppm active ingredient) weekly or as needed to maintain control.

CAN WARMERS
Not registered for this use in the State of California
For the control of microbial biofilms, bacteria, algae, and fungi, add this product to can warmers at some point in the system to insure uniform mixing.
INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm product (2.2-13.2 ppm active ingredient). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.
SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm product (0.5 to 3.3 ppm active ingredient) weekly or as needed to maintain control.

RETORT WATER SYSTEMS
Not registered for this use in the State of California
For the control of microbial biofilms, bacteria, algae, and fungi, add this product to retort water systems at some point in the system to insure uniform mixing.
INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm product (2.2-13.2 ppm active ingredient). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.
SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm product (0.5 to 3.3 ppm active ingredient) weekly or as needed to maintain control.

INDUSTRIAL SCRUBBING SYSTEMS
Not registered for this use in the State of California
For the control of microbial biofilms, bacteria, algae, and fungi, add this product to industrial scrubbing systems at some point in the system to insure uniform mixing.
INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm product (2.2-13.2 ppm active ingredient). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.
SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm product (0.5 to 3.3 ppm active ingredient) weekly or as needed to maintain control.

EVAPORATIVE CONDENSER WATER SYSTEMS
Not registered for this use in the State of California
For the control of microbial biofilms, bacteria, algae, and fungi, add this product to evaporative condenser water systems at some point in the system to insure uniform mixing.
INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm product (2.2-13.2 ppm active ingredient). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.
SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm product (0.5 to 3.3 ppm active ingredient) weekly or as needed to maintain control.

AIR CONDITIONER/REFRIGERATION CONDENSATE WATER SYSTEMS
Not registered for this use in the State of California
For the control of microbial biofilms, bacteria, algae, and fungi, add this product to air conditioner/refrigeration condensate water systems at some point in the system to insure uniform mixing.

INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm product (2.2-13.2 ppm active ingredient). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.
SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm product (0.5 to 3.3 ppm active ingredient) weekly or as needed to maintain control.

INFLUENT WATER FILTRATION SYSTEMS
Not registered for this use in the State of California
For the control of microbial biofilms, bacteria, algae, and fungi, add this product to influent water filtration systems at some point in the system to insure uniform mixing.
INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm product (2.2-13.2 ppm active ingredient). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.
SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm product (0.5 to 3.3 ppm active ingredient) weekly or as needed to maintain control.

ULTRA FILTRATION UNITS AND NON-MEDICAL/NON-POTABLE REVERSE OSMOSIS SYSTEMS
Not registered for this use in the State of California
This product is recommended for the control of microbial biofilms, bacteria and fungi in ultra filtration units and non-medical/non-potable reverse osmosis systems. Use of this product in potable water or dialysis is prohibited. Add 10 - 333 ppm of product (0.15 - 5 ppm active ingredient) into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of this product with reverse osmosis membranes should be confirmed with membrane manufacturers.
For the control of bacteria and fungi in carbon beds, add 10 – 333 ppm product (0.15 - 5 ppm active ingredient) by either continuous or batch feed. For periodic membrane cleaning, add 400 to 1,000 ppm product (6 - 15 ppm active ingredient) to the cleaning solution. Badly fouled systems should be cleaned before treatment is begun.

INDUSTRIAL WASTEWATER TREATMENT SYSTEMS AND SEWAGE SYSTEMS
Not registered for this use in the State of California
This product is recommended for the control of microbial biofilms, bacteria, fungi, and algae in industrial wastewater treatment and sewage systems. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority.
INITIAL DOSE: When the system is noticeably fouled, apply 148 - 883 ppm product (2.2-13.2 ppm active ingredient). Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.
SUBSEQUENT DOSE: When microbial control is evident, add 35 - 219 ppm product (0.5 to 3.3 ppm active ingredient) weekly or as needed to maintain control.

PAPERMILLS
Not registered for this use in the State of California
For the control of microbial biofilms, bacteria, algae and fungi, add this product to the Beater, Hydropulper, or Fan or Broke Storage Pumps or some other point in the system to insure uniform mixing. Apply 0.44 to 1.5 lb (7 - 23 fluid ounce) of this product per ton (dry basis) of pulp or paper produced as a slug dose. If needed, repeat daily. Badly fouled systems should be cleaned before initial treatment.

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.
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.

NOTICE Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

This product weighs 8.4 lb/gallon.