ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. 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 treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

PROHIBITIONS: This product (pH 3.5) is corrosive to mild steel. Do not store in unlined containers. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinseate 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: Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: [For containers > 5 gallons in size] - Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¾ full with water and recap. Shake for 10 seconds. Pour rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. [For containers > 5 gallons in size] - Empty the remaining contents into application equipment or a mix tank. Fill the container ¾ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. GENERAL: CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

CONDITIONS OF SALE AND WARRANTY

Supplier warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. SUPPLIER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE. Handling, storage and use of the product by Buyer or User are beyond the control of Supplier and Seller. Risks such as ineffectiveness or other unintended consequences resulting from, but not limited to, failure to follow label directions will be assumed by the Buyer or User. IN NO CASE WILL SUPPLIER OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

BIOTROL 114

Active Ingredients:
2-Bromo-2-nitropropane-1, 3-diol ........................................... 5.20%
5-Chloro-2-methyl-4-isothiazolin-3-one .................................. 0.85%
2-Methyl-4-isothiazolin-3-one ............................................. 0.28%
Inert Ingredients: ................................................................. 93.67%
Total: ............................................................................. 100.0%

KEEP OUT OF REACH OF CHILDREN DANGER

See Side panel for additional precautionary statements

FIRST AID

IF SWALLOWED:
* Call a poison control center or doctor immediately for treatment advice.
* Have person sip a glass of water if able to swallow.
* Do not induce vomiting unless told to do so by a poison control center or doctor.
* Do not give anything by mouth to an unconscious person.

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.

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 further treatment advice.

IF INHALED:
* 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.

HOT LINE NUMBER: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-255-3924 or emergency medical treatment information.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

Precautionary Statements:

Hazards to Humans and Domestic Animals

DANGER

CORROSIVE. CAUSES EYE DAMAGE AND SKIN BUMES. MAY CAUSE ALLERGIC SKIN REACTION. MAY BE HARMFUL IF INHALED OR ABSORBED THROUGH THE SKIN. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. WEAR GOGGLES OR FACE SHIELD WHEN HANDLING. HARMFUL IF SWALLOWED. AVOID BREATHING VAPOR OR SPRAY MIST. AVOID CONTAMINATION OF FOOD. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING. REMOVE CONTAMINATED CLOTHING, AND WASH CLOTHING BEFORE REUSE.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Industrial microbiocide for use in *recirculating water cooling towers, *air washer systems, *oil field injection waters, *paper slime control, *Recirculating closed loop water cooling systems, *brewery pasteurizer and *can warmer systems, *ultra filtration units, such as reverse osmosis systems, *fuels/oil/storage tank bottom water/crude pulp and paper mills which are classified as indoor non-food and non-food applications. READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.

* Not approved for use in the State of California

EPA Reg. No. 67071-18-71675
EPA Est. No. 71675-MN-001

For Transportation / Spills Emergency call Chemtel at 1-800-255-3924

CORROSIVE LIQUID, ACIDIC, ORGANIC. N.O.S. [mixture containing 5-Chloro-2-methyl-4-isothiazolin-3-one and 2-Methyl-4-isothiazolin-3-one (3:1)], 8, UN 3265, PG-III

U.S. WATER SERVICES

Setting A New Industry Standard.

Manufactured For: U.S. Water Services
12270 43rd Street NE
St. Michael, MN 55376

Batch: Mfg Date: Net Contents (pounds):
BIOTROL 114
INFORMATION SHEET

THIS BIOTROL 114 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF BIOTROL 114

DIRECTIONS FOR USE

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

"INDUSTRIAL RECYCLING WATER COOLING TOWER: BIOTROL 114 microbicide is recommended for the control of bacteria, algae and fungi. It should be added to the tower basin or some other point to ensure uniform mixing. Add 0.3 to 3.3 lb of BIOTROL 114 per 1000 gallons of water 40 to 400 ppm BIOTROL 114) weekly or as needed for maintenance. For noticeably fouled systems use an initial dose of 1.25 to 7.5 lb BIOTROL 114 per 1000 gallons of water. Repeat if necessary to achieve control.

* Not approved for use in the State of California

"AIR WASHER SYSTEMS: For use only in industrial air washing systems that maintain effective mist eliminating components. Add 0.3 to 7.5 lb BIOTROL 114 to 1000 gallons of water (35 to 886 ppm BIOTROL 114) in the air washer sump, or chill water sump to ensure uniform mixing, for the control of bacteria, fungi and algae. A repeat treatment may be needed depending on the severity of contamination.

* Not approved for use in the State of California

"OIL FIELD INJECTION WATERS: Add 23 to 58 lb (2.8 to 6.9 gallons) BIOTROL 114 per 1000 barrels of water (66 to 165 ppm BIOTROL 114) weekly or as needed to maintain control of slime-forming and sulfate reducing bacteria in oil and gas field water systems including enhanced recovery injection fluids and drilling fluids. An initial dose of 57 to 115 lb BIOTROL 114 per 1000 barrels of water (162 to 324 ppm BIOTROL 114) may be used until control is achieved. This product may be used for terrestrial and off-shore oil drilling muds and packer fluids.

* Not approved for use in the State of California

"PAPER MILLS: Add 0.45 to 7.5 lb of BIOTROL 114 per ton (dry basis) of pulp or paper produced as slug dose for the control of bacterial and fungal slime in the production of paper. BIOTROL 114 should be added to a point such as the Beater or Hydropulper.

* Not approved for use in the State of California

"INDUSTRIAL RECYCLING CLOSED LOOP WATER COOLING SYSTEMS: Add 0.3 to 3.3 lb of BIOTROL 114 per 1000 gallons of water in the system weekly to maintain control of bacteria, fungi and algae in the reservoir, recirculating line or some other point to ensure uniform mixing. For noticeably fouled systems an initial treatment with 1.25 to 7.5 lb BIOTROL 114 per 1000 gallons of water may be needed depending on the severity of the fouling.

* Not approved for use in the State of California

"BREWERY PASTEURIZERS AND CAN WARMER SYSTEMS: Add 0.3 to 3.3 lb of BIOTROL 114 per 1000 gallons of water in the system weekly or as needed to maintain control of bacteria, algae and fungi. For noticeably fouled systems an initial treatment with 1.25 to 7.5 lb of BIOTROL 114 per 1000 gallons of water may be needed depending on the severity of the fouling.

* Not approved for use in the State of California
**BIOTROL 114**

**INFORMATION SHEET**

**THIS BIOTROL 114 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF BIOTROL 114**

**DIRECTIONS FOR USE**

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

*ULTRA FILTRATION UNITS, such as REVERSE OSMOSIS SYSTEMS:* BIOTROL 114 microbiocide is recommended for the control of bacteria and fungi in ultra filtration units, such as reverse osmosis systems. Add 10 - 600 ppm of BIOTROL 114 microbiocide into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of BIOTROL 114 microbiocide with reverse osmosis membranes should be confirmed with membrane manufacturers. For the control of bacteria and fungi in carbon beds, add 10 - 600 ppm of BIOTROL 114 microbiocide. For periodic membrane cleaning, add 0.3 - 1.75 lbs of BIOTROL 114 microbiocide to every 120 gallons of cleaning solution (6 - 15 ppm active ingredient). Badly fouled systems should be cleaned before treatment is begun.

*Not approved for use in the State of California*

* FUELS/OIL/STORAGE TANK BOTTOM WATER/CRUDE: BIOTROL 114 is recommended for the control of bacteria and fungi in the following liquid hydrocarbon fuels and oils: crude oils, aviation fluids, kerosene, heating oils, residual fuel oils, coal slurries, liquefied petroleum gases, petrochemical feedstocks and diesel fuels. BIOTROL 114 is recommended for commercial and industrial use only. BIOTROL 114 should be directly dispensed into a fuel tank, storage tank, or flowing stream of fuel in a manner to ensure uniform distribution of the preservative in the fuel system. Slug dose or continuous feed methods are recommended. When the system is noticeably fouled, add 2.0 lbs of BIOTROL 114 per 1000 gallons of fluid in the system (0.01% wt/wt). This will provide 3.3 ppm of isothiazolones and 16 ppm of bronopol. Repeat until control is achieved. A shock dose of up to 11 lbs of BIOTROL 114 per 1000 gallons (14.4 ppm of isothiazolones and 66 ppm of bronopol) of fluid (0.12% wt/wt) is recommended in the case of extreme contamination. Grossly contaminated systems should be physically cleaned to remove debris. When the system is not noticeably fouled, add 1.0 lbs of BIOTROL 114 per 1000 gallons of fluid to maintain the system (0.02% wt/wt). This will provide 2.88 ppm of isothiazolones and 13.2 ppm of bronopol. Repeat every 4-6 weeks or when microbial contamination is detected. FOR USE IN AVIATION FUEL, THE FEDERAL AVIATION ADMINISTRATION (FAA) MUST BE CONSULTED AS TO THE ACCEPTABILITY OF THE ADDITIVE FOR USE IN SPECIFIC ENGINES AND/OR AIRCRAFT.

*Not approved for use in the State of California*
BIOTROL 114
INFORMATION SHEET

THIS BIOTROL 114 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF BIOTROL 114

DIRECTIONS FOR USE

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

PULP and PAPER MILLS: "For the control of bacterial and fungal slime in the pulp and paper mills.
Add 0.45 to 7.5 lb of BIOTROL 114 per ton (dry basis) of pulp or paper produced as slug dose for the control of bacterial and fungal slime in the production of paper. BIOTROL 114 should be added to a point such as the Beater or Hydropulper to ensure uniform mixing in the stock or white water.
* Not approved for this use in the State of California

For Preservation of Papermaking additives and coatings: This product should be added directly to the material to be preserved during the manufacture of the papermaking product. Dosing may be repeated as necessary. The dosage rates are as follows:

Adhesives: Add 0.5 to 1.65 lb BIOTROL 114 microbiocide to each 1000 lb of fluid to provide 5.5 ppm to 18.3 ppm isothiazolones and 26 to 86 ppm bronopol. A higher dosage rate providing up to 33 ppm isothiazolones and 248 ppm bronopol may be required for storage during extremely high temperatures and humidity.

Coatings: Add 0.5 to 1.65 lb (227 to 750 grams) BIOTROL 114 microbiocide to each 1000 lb (454 kg) of fluid to provide 5.5 ppm to 18.3 ppm isothiazolones and 26 to 86 ppm bronopol. A higher dosage rate providing up to 33 ppm isothiazolones and 248 ppm bronopol may be required for storage during extremely high temperatures and humidity.

Polymers/latexes: Add 0.5 to 3.3 lb (227 g to 1.5 kg) of BIOTROL 114 microbiocide to each 1000 lb (454 kg) of emulsion to provide 5.5 ppm to 36.6 ppm active isothiazolones and 26 to 172 ppm bronopol. Note: To insure uniform mixing, add BIOTROL 114 microbiocide to latex or solutions slowly with agitation.

*Dispersed pigments: Add 0.42 to 2.29 lbs of BIOTROL 114 to each 1000 lb (0.05% to 0.27% wt/wt) of fluid to provide 6 to 33 ppm active isothiazolones and 26 to 151 ppm active bronopol. * Not approved for this use in the State of California

*Emulsions: Add 0.5 to 3.3 lb (227 g to 1.5 kg) of BIOTROL 114 to each 1000 lb of composition (0.05% to 0.32% wt/wt) to provide 5.5 ppm to 38.6 ppm active isothiazolones and 26 to 181 ppm bronopol. * Not approved for this use in the State of California

*Foam control products: Add 0.5 to 3.3 lb (227 g to 1.5 kg) of BIOTROL 114 to each 1000 lb of composition (0.05% to 0.32% wt/wt) to provide 5.5 ppm to 38.6 ppm active isothiazolones and 26 to 181 ppm bronopol. * Not approved for this use in the State of California

BIOTROL 114 microbiocide weighs 8.7 lb. per gallon.