TOTAL: 100,0%

INERT INGREDIENTS
Glutaraldehyde 15.0%

Use in systems such as fire water reserves, spray paint booths, and emergency cooling water systems. Dose initially at 40-80 fl. oz. (325-650 ppm) of BIOTROL 515 per 1,000 gallons of water in the system per day. Do not use for more than 10 days before repeating dose. Maintain control by periodic addition to counteract loss of water in the system. Repeat until control is achieved.

Non-food contact
Initial dose: When the system is noticeably fouled, add 40 - 80 fluid ounces (325-650 ppm) of BIOTROL 515 per 100 gallons of water in the system per day, or as needed to maintain control. Badly fouled systems should be cleaned before treatment begins. Badly fouled systems should be cleaned before treatment begins. BIOTROL 515 should be added to a metalworking fluid system at a point of uniform mixing such as the fluid collection tank. Badly fouled systems should be cleaned before treatment begins. BIOTROL 515 should be added to a metalworking fluid system at a point of uniform mixing such as the fluid collection tank. Initial dose: When the system is noticeably fouled, add 40 - 80 fluid ounces (325-650 ppm) of BIOTROL 515 per 1,000 gallons of water in the system per day. Repeat until control is achieved. Subsequent dose: When microbial control is evident, add 1.0-1.67 lbs per ton of pulp or paper (dry basis). Repeat until control is achieved.

Service water and auxiliary systems
Use in systems such as fire water reserves, spray paint booths, and emergency cooling water systems. Dose initially at 40-80 fl. oz. (325-650 ppm) of BIOTROL 515 per 1,000 gallons of water in the system per day. Do not use for more than 10 days before repeating dose. Maintain control by periodic addition to counteract loss of water in the system. Repeat until control is achieved.

Industrial wastewater systems
For use in aerobic and anaerobic, batch, digested and undigested sludges, and holding tanks. Add 1.7 to 7.7 gallons (700-2,900 liters) of BIOTROL 515 per 1,000 gallons of wastewater or sludge. Add at a place such as the digester.

Paper mill associated process water systems
Applies to intermittent or continuous feed methods. Initial dose: When the wastewater is noticeably contaminated, add 1.07-3.0 lbs per ton of pulp or paper (dry basis). Repeat until control is achieved. Subsequent dose: When microbial control is evident, add 0.67 to 2.0 gallon of BIOTROL 515 per 1,000 gallons of wastewater or sludge. Add at a place such as the digester. Paper mill associated process water systems

Animal preservation
Do not use on food-contact paper and paperboard.

Aqueous metalworking fluids
BIOTROL 515 solution may be added to any metalworking fluid system at a point of uniform mixing such as the fluid collection tank. Applications may be made intermittently at intervals of one week or less. Initial dose: When the system is noticeably fouled, add 0.67 to 2.0 gallon of BIOTROL 515 per 1,000 gallons of metalworking fluid to the system. Repeat until control is achieved. Subsequent dose: when microbial control is evident add 0.27 to 1.33 gallon of BIOTROL 515 per 1,000 gallons of metalworking fluid to the system. For use on non-food-contact paper and paperboard: Do not use on non-food-contact paper and paperboard. For use on non-food-contact paper and paperboard: Do not use on non-food-contact paper and paperboard. Do not use for more than 10 days before repeating dose. Maintain control by periodic addition to counteract loss of water in the system. Repeat until control is achieved.

Biological treatment of industrial wastewater systems
To inhibit the growth of spoilage microorganisms during manufacture, storage and distribution of food and non-food contact paper and paperboard. Add BIOTROL 515 at 333-2000 ppm by weight of the formulation slurry (3.3-20.0 lb of product per 10,000 lb of slurry). Apply once during manufacture.

Water-based coatings for non-food-contact paper and paperboard
To inhibit the growth of spoilage microorganisms during manufacture, storage and distribution of water-based coatings for use on non-food-contact paper and paperboard. Add BIOTROL 515 at 333-2000 ppm by weight of the formulation slurry (3.3-20.0 lb of product per 10,000 lb of slurry). Apply once during manufacture.

Aqueous metalworking fluids
Distributed by: U.S. Water Services 330 South Cleveland Cambride, MA 02140-1749

Note to physician
Probable microbial damage may be indicated by the use of garlic lavage.

Net contents:

EPA REG. NUMBER 3753-30-71675 EPA EST. NUMBER 44392-TN-01

DISTRIBUTED BY: U.S. WATER SERVICES 330 SOUTH CLEVELAND CAMBRIDGE, MA 02140-1749

PRECAUTIONARY STATEMENTS
Hazard to Humans and Domestic Animals
Corrosive. Causes irreversible eye damage. Causes skin irritation. Harmful if inhaled, swallowed or absorbed through the skin. May cause allergic skin reactions. Causes asthmatic signs and symptoms in hyper-reactive individuals. Do not put in, on, in or on clothing. Avoid breathing vapors. Not to be used as an aerosol. Do not swallow. Wear eye protective gloves and protective clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Environmental Hazards
This pesticide is toxic to fish. 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. The manufacturer has been notified in writing prior to discharge. Do not discharge effluent containing this product into any watercourses, sewer systems or any water bodies prior to notifying the water treatment plant authority. May cause allergic skin reactions. Corrosive. Causes irreversible eye damage. Causes skin irritation.

FIRST AID
In eyes
Hold eyes open and rinse slowly with water for 15-20 minutes.

Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.

Call a poison control center or doctor for treatment advice.

In skin or clothing
Take off contaminated clothing.

Wash skin with plenty of water for 15-20 minutes.

Call a poison control center or doctor for treatment advice.

Inhalation
Remove from exposure area.

If inhaled, call a poison control center or doctor for treatment advice.

If swallowed
Call a poison control center or doctor immediately for treatment advice.

If swallowed
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.

In Case of Chemical Emergency: Call day or night for assistance.

Distributed by: U.S. Water Services 330 South Cleveland Cambridg, MA 02140-1749

EPA 9/29/2009

A microbiocide for controlling slime-forming and pH-buffering bacteria or fungi in the preservation of food-contact paper and non-food contact paper and paperboard; non-food contact paper and paperboard; air washers and industrial scrubbing systems; water treatment systems; water process systems; reverse osmosis membranes; heat transfer systems; service water and auxiliary systems; industrial wastewater systems including wastewater sludge and holding tanks; aqueous metalworking fluids; and preservation of food contact adhesives and water-based coatings.

ACTIVE INGREDIENT:
Glutaraldehyde 15.0%

INERT INGREDIENTS:
TOTAL: 100,0%

KEEP OUT OF REACH OF CHILDREN

BIOTROL 515 COMMERCIAL MICROBIOCIDE
A biocidal agent for the control of bacteria and fungi in water-based coatings and aqueous metalworking fluids that are used in various applications including the manufacture, storage and distribution of food and non-food contact paper and paperboard; air washers and industrial scrubbing systems; water treatment systems; water process systems; reverse osmosis membranes; heat transfer systems; service water and auxiliary systems; industrial wastewater systems including wastewater sludge and holding tanks; aqueous metalworking fluids; and preservation of food contact adhesives and water-based coatings.

ACTION INGREDIENT:
Glutaraldehyde 15.0%