GE Betz
Lot Number: 6080568
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Packaging Date: Wash: Made in USA

SPECTRUS® OX909
FOR USE AS A DISINFECTANT, FUNGICIDE, ALGICIDE AND/or SLIMICIDE FOR WASTEWATER, COMMERCIAL AND INDUSTRIAL, RECIRCULATING COOLING WATER SYSTEMS, INDUSTRIAL ONCE-THROUGH COOLING WATER SYSTEMS, AND PULP AND PAPER MILLS. CONTROLS BACTERIA, FUNGUS, AND ALGAL SLIME IN DECORATIVE FOUNTAINS, AIR WASHERS AND FOOD, BEVERAGE, AND INDUSTRIAL PROCESS PASTEURIZERS

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER
CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes on skin or on clothing. Wear protective eyewear (goggles or face shield), clothing and rubber gloves. Harmful if swallowed, or absorbed through the skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Apply this pesticide only as specified on the label.

ACTIVE INGREDIENT
Bromine Chloride ............. 11.0%
OTHER INGREDIENTS ............. 89.0%
TOTAL .................................. 100.0%
Total Available bromine = approximately 15%
(expressed as chlorine = approximately 7%)

EPA REGISTRATION NUMBER: 3377-55-3378
EPA ESTABLISHMENT NUMBER: 3878-TX-001

KEEP OUT OF REACH OF CHILDREN
DANGER

PHYSICAL AND CHEMICAL HAZARDS
SPECTRUS OX909 BIOCIDES is not flammable.
Avoid contact with strong oxidizers, acids, alkaloidal and heavy metal salts.

STORAGE AND DISPOSAL
STORAGE: Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment.
PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsewater 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: Metal Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.
PLASTIC CONTAINERS: Do not reuse empty container. Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.
TOTES: Verify that the tote is empty. Do not rinse or clean. Seal tote and contact appropriate vendor for tote pickup.

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 treatment advice.

HOT LINE NUMBER: 1-800-222-1222
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-877-1940 for emergency medical treatment information.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

GE Betz, Inc., 4636 Somerton Road, Trevose, PA, 19053
Business Phone: 215-355-3300 • Emergency Phone: 800-877-1940
SPECTRUS® OX909

FOR USE AS A DISINFECTANT, FUNGICIDE, ALGICIDE AND/OR SLIMICIDE FOR WASTEWATER, COMMERCIAL AND INDUSTRIAL RECYCLING AND COOLING WATER SYSTEMS, INDUSTRIAL ONCE-THROUGH COOLING WATER SYSTEMS, AND PULP AND PAPER MILLS. CONTROLS BIOFILM DEPOSITS FROM PUMPS, PIPES, WORKSHEET HEAT EXCHANGERS, AND FILTERS ASSOCIATED WITH INDUSTRIAL WATER TREATMENT SYSTEMS. CONTROLS BACTERIAL, FUNGAL AND ALGAL SLIME IN DECORATIVE FOUNTAINS, AIR WASHERS AND FOOD, BEVERAGE, AND INDUSTRIAL PROCESS PASTEURIZERS.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

FOR USE AS A DISINFECTANT, ALGICIDE, FUNGICIDE, AND/OR SLIMICIDE FOR WASTEWATER, COMMERCIAL AND INDUSTRIAL RECYCLING COOLING WATER SYSTEMS AND INDUSTRIAL ONCE-THROUGH COOLING WATER SYSTEMS.

SPECTRUS OX909 BIOCIDE may be added at system inlet water or other locations in the system.

WASTE WATER. When used as directed, SPECTRUS OX909 BIOCIDE disinfects wastewater effluent. The quantity of SPECTRUS OX909 BIOCIDE required varies with the degree of fouling. Add sufficient SPECTRUS OX909 BIOCIDE to achieve residual bromine levels of 3 ppm to 10 ppm when measured approximately 5 minutes after treatment. Applying 4 fluid ounces to 1000 gallons of water yields a maximum of 6.4 ppm of total bromine. Higher dosages may be necessary depending upon the system.

Depending on the construction of the wastewater system, SPECTRUS OX909 BIOCIDE may be effectively added to one or more different locations in the system. Frequently the compound is added to wastewater receiving secondary treatment at a contact tank preceding the effluent discharge or at the influent of the final clarifier.

The disinfection of sewage effluent must be evaluated by determining that the total number of coliform bacteria and/or fecal coliform bacteria, as determined by the MPN Procedure, of the disinfected effluent has been reduced to or below the maximum permitted by the controlling regulatory jurisdiction.

RECYCLING COOLING WATER SYSTEM. When used as directed, SPECTRUS OX909 BIOCIDE effectively controls bacteria, fungi, algae and slime in commercial and industrial cooling towers; heat exchange water towers, industrial water scrubbing systems, and influent systems such as flow through filters, lagoons, etc.

INDUSTRIAL ONCE-THROUGH COOLING WATER SYSTEMS. When used as directed, SPECTRUS OX909 BIOCIDE effectively controls bacteria, fungi, algae and slime in once-through and closed-cycle fresh and sea water cooling systems. Apply SPECTRUS OX909 BIOCIDE to the system inlet water or before any other contaminated area in the system.

DOSEAGE RATES. Initial Doses: When the system is noticeably fouled, apply sufficient SPECTRUS OX909 BIOCIDE to achieve a residual bromine level of 4-10 ppm or as needed to maintain control. Applying 4 fluid ounces to 1000 gallons of water yields a maximum of 6.4 ppm of total bromine.

SUBSEQUENT DOSES: When microbial control is evident, apply sufficient SPECTRUS OX909 BIOCIDE to achieve a residual bromine level of 4-10 ppm or as needed to maintain control. The product may be added to the system either continuously or intermittently or as needed to obtain the above residual. The frequency of feeding and dosage rate will depend upon the severity of the problem.

SPECTRUS OX909 BIOCIDE may also be used to control biofilm deposits from pumps, pipework, heat exchangers, and filters associated with industrial water treatment systems.

PULP AND PAPER MILLS. When used as directed, SPECTRUS OX909 BIOCIDE effectively controls algae, bacterial, and fungal slime in pulp and paper mill fresh and sea water influent water systems, cooling water systems, wastewater treatment systems and nonprocess water systems. Advisory Statement: This product cannot be used in paper mills and pulp manufacturing sites where food packaging materials are produced.

DOSEAGE RATES. Add sufficient SPECTRUS OX909 BIOCIDE to achieve a residual bromine level of 4-10 ppm or as needed to maintain control of the system.

Feed SPECTRUS OX909 BIOCIDE directly into the water to be treated. Be sure rapid mixing of the treated water, and SPECTRUS OX909 BIOCIDE is achieved. Pump manufacturers can recommend the appropriate materials of construction and capacity for a pump to feed SPECTRUS OX909 BIOCIDE.

COOLING PONDS AND DECORATIVE FOUNTAINS. SPECTRUS OX909 BIOCIDE may be applied at the pond or fountain inlet or at a location that permits complete diffusion into the water at maximum retention time before reaching the outlet. Sufficient SPECTRUS OX909 BIOCIDE should be fed to maintain a total bromine level of 4-10 ppm in all parts of the pond (4 fluid ounces per 1000 gallons of water yields a maximum of 6.4 ppm total bromine).

INDUSTRIAL PASTEURIZERS (Such as food, beverage, and industrial process pasteurizers).

For control of bacteria and fungi in recirculating cooling water and heat transfer systems such as industrial pasteurizers add 2.5 - 5.0 ounces of SPECTRUS OX909 BIOCIDE per 1000 gallons of system water to achieve control. To maintain control, add sufficient SPECTRUS OX909 BIOCIDE to maintain 4 - 10 ppm total bromine throughout the system. (4 fluid ounces per 1000 gallons of water yields a maximum of 6.4 ppm total bromine.)

AIR WASHERS (This product may be used only in industrial air washers and air washer systems which have mist-eliminating components.) For control of microorganisms in industrial air washer systems add sufficient SPECTRUS OX909 BIOCIDE to the air washer sump or chill water to provide a total bromine level of 4 - 10 ppm. Baffled systems must be cleaned before treatment is begun. SPECTRUS OX909 BIOCIDE at a dosage of 4 fluid ounces per 1000 gallon of water yields a maximum of 6.4 ppm total bromine, but several times that dosage may be required to provide a total bromine level of 4 - 10 ppm throughout the system. The total bromine level should be checked with a test kit and additional product applied until a reading of 4 - 10 ppm is obtained at the bleed-off point. Some systems may be maintained in satisfactory biological condition by applying this dosage once per day while others will respond better to dosages less than once per day.

Treatment levels of SPECTRUS OX909 BIOCIDE can be best measured with test kits for either bromine or chlorine. Tests should be made immediately after drawing water samples from the system. Use test kits according to directions.

1. When a bromine test kit is used, results can be read directly in ppm bromine.
2. When a chlorine test kit is used, results can be expressed in terms of bromine by multiplying chlorine values by the conversion factor 2.26.

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