FORMULA 3340

FORMULA 3340 is an effective agent for controlling algae, bacteria and slime in condensing and cooling equipment in which recirculating water is used as the cooling media and in lined reservoirs or ponds which serve as the source of boiler feedwater or cooling water. FORMULA 3340 can also be used to control bacterial slime and algae in decorative fountains, air washers, pasteurizers, papmill influent water systems, and oilfield water recovery systems.

ACTIVE INGREDIENTS:  
SODIUM HYPOCHLORITE ................................. 7.45%  
SODIUM BROMIDE .................................. 10.28%  
INERTS INGREDIENTS ............................. 82.27%  
TOTAL ............................................. 100.0%  
Total Available bromine = approximately 16%  
Total Available chlorine = approximately 7%

KEEP OUT OF THE REACH OF CHILDREN

DANGER

DANGER, CORROSIVE. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin or on clothing. Wear protective eyewear such as face shield or safety glasses and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated 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 Pollution 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 EPA.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. BASIC GUIDELINES: As a general rule, the total bromine level should be checked with a chlorine or bromine test kit at the bleeding-off point furthest from the point of injection. This product is UV light sensitive, and may be applied at nighttime in most systems if excessive exposure may be a limiting factor. Do not store product in clear or transparent containers. Initial dose: When the system is noticeably fouled, a precleaning may be necessary. Then apply sufficient FORMULA 3340 to achieve 2.4-15 ppm total bromine (1-6 ppm as chlorine) or as needed to maintain microbial or algal control. Subsequent doses: This product may be added using continuous or intermittent dosing methods to provide adequate control. Continuous addition methods may obtain adequate bromine accordingly to maintain desired visual or measured microbiological control.

DISTRIBUTED BY: GARRATT CALLAHAN COMPANY

See Side Panel For Additional Precautionary Statements

PRODUCT NO. 0334055  
NET WEIGHT 570 LBS. (258.5 KG)

Main Office: 50 Ingold Road, Burlingame, CA 94010 (650) 697-5811 FAX (650) 692-6098  
Plants: Addison, IL Atlanta, GA Edison, NJ Dallas, TX Burlingame, CA  
www.g-c.com

COOLING PONDS, LINESED RESERVOIRS AND DECORATIVE FOUNTAINS: This product may be applied at the lined reservoir, pond, or fountain inlet or at a location that permits complete diffusion into the water at maximum detention time before reaching the outlet. Sufficient FORMULA 3340 should be fed to maintain a total bromine level of 1.0-15 ppm in all parts of the reservoir or pond (two fluid ounces per 1000 gallons of water yields 3.4 ppm total bromine). 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.

SHELL EGG PASTEURIZER WATER SYSTEMS: (not for use in California) For control of bacteria and associated slime in shell egg pasteurizer water systems add 2-6 ounces of this product per 1000 gallons of system water to achieve control. To maintain control add an additional amount to maintain 1.0-9 ppm total bromine throughout the system. (Two fluid ounces per 1000 gallons of water yields 3.4 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 this product to the air washer sump or chill water to provide a total bromine level of 1-0 ppm. Badly fouled systems must be cleaned before treatment is begun. FORMULA 3340 at a dosage of two fluid ounces per 1000 gallons of water gives a dosage of approximately 3.4 ppm of total bromine, but higher dosages may occasionally be required to provide the desired bromine level throughout the system. The total bromine level should be checked with a test kit and additional product applied until a reading of 1.0-9 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.

EPA REG. NO. 63818-5-8540  
EPA EST. NO. 8546-CA-01 [ ]  
63818-CA-01 [ ]

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MADE IN USA  
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DIRECTIONS FOR USE (CONT.)

FOR PULP & PAPER MILL INFLUENT WATER SYSTEMS (not for use in California): This product should be applied to the raw water intake prior to the first piece of equipment, or headworks, in the treatment line. Adjust dosage to maintain a residual of approximately 4 ppm of total bromine throughout the system. Some systems may require a continuous application. This product may be used in pulp and paper effluent water systems where the manufactured paper or paperboard may be used for food contact purposes.

FOR OIL & SECONDARY OIL Recovery Systems, DRILLING MUDS AND PACKING FLUIDS: This product may be used to treat water used in primary or secondary oil recovery systems and drilling muds.

STORAGE AND DISPOSAL

STORAGE: Store in a cool dry area away from direct sunlight and heat to avoid spoilage. Do not store for more than 1 year after manufacture.

DISPOSAL: Dispose of the container after emptying the contents. Incompatible materials are industrial chemical waste, food, or disposal by burning. Disposal by burning may result in emission of toxic gases. Do not apply residual effluent to soil or water bodies.

FIRST AID: For emergency information on health effects and first aid measures, call your local health or emergency service agency.

TOxicological Properties: May cause eye irritation and respiratory irritation. May be harmful if swallowed. Contact local health or emergency service agency for more information.

Handling and Storage: Store in a cool, dry area away from direct sunlight and heat. Keep out of reach of children. Do not use near food or food contact surfaces.

N O T E: This product is not a food additive and does not impart a distinctive flavor or aroma to foods.

FOR PULP & PAPER MILL INFLUENT WATER SYSTEMS (not for use in California): This product should be applied to the raw water intake prior to the first piece of equipment, or headworks, in the treatment line. Adjust dosage to maintain a residual of approximately 4 ppm of total bromine throughout the system. Some systems may require a continuous application. This product may be used in pulp and paper effluent water systems where the manufactured paper or paperboard may be used for food contact purposes.

FORMULA 3340

Garrett CALHAN

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