

1448-42 BUSAN® 77

ACTIVE INGREDIENT: Polyloxyethylene(dimethyliminid)ethylene-(dimethyliminio)ethylene dichibiide) INERT INGREDIENTS ..

This product contains 5.76 lb. of active ingredient per gallon and weighs 9.6 ib. per gallon.

EPA REG. NO. 1448-42

CAUTION

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing.

FIRST AID: If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance, contact the regional office of the Environmental Protection Agency.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE DISPOSAL: Pesticide, spray mixture, or rinse water that cannot be used according to label directions must be disposed of according to applicable Federal, state, or local procedures. . . .

CONTAINER DISPOSAL. Triple rinse (or equivalent). Then offer for recycling or reconditioning; of puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

DIRECTIONS FOR USE

It is a violation of Federa! law to use this product in a manner inconsistent with its labeling.

Busan 77 is used to control the growth of algae in swimming pools, heeted swimming pools, exterior whirlpools, and hot baths. It is used to control signe, bacteria, and fungi in recicculating com mercial and industrial water cooling towers. It is also employed for the control of algae, bacteria, and fungi in the fresh water used in industrial processes and to inhibit the growth of bacteria that cause degradation of cutting fluids. Refer to the bulletin entitled Busan 77-A Broad-Spectrum Microbicide Concentrate for detailed directions on fresh water and cutting fluid applications.

Prior to the use of Busan 77 in water cooling towers, systems should be cleaned to remove algain growth, microbiological slime, and other deposits. Then make an initial slug addition of 0.9 to 2.2 fluid ounces of Busan 77 per 1000 gallons of water to provide 8 to 20 ppm Busan 77, based on the total weight of water in the system. Repeat initial dosage until control is evident. Make subsequent slug additions of 0.2 to 2.2 fluid ounces of Busan 77 per 1000 gallons of water (2 to 20 ppm Busan 77) every 2 to 5 days or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of water cooling towers.

Busan 77 is used to control bacteria in Industrial air washing systems that maintain effective mist eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 3.33 to 5.55 fluid ounces of Busan 77 per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 2.25 to 5.55 fluid ounces of Busan 77 per 1000 gallons of water should be employed each 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or to the water collection trays of the airwash system.

For maximum effectiveness of Busan 77 in swimming pools, heated swimming pools, exterior whiripools, and hot baths, those with heavy growths of sigse should be cleaned prior to using Busan 77. For pools having just visible algae growth, add an initial dose of 11 to 17 fluid ounces of Busan 77 per 10 000 gallons of water and remove settled algae debris by cleaning. For treatment of a freshly cleaned and filled pool, add initially 6 to 11 fluid ounces of Busan 77 per 10 000 gallons of water. To maintain pools free of visible algae growth, subsequent additions of 2 to 4 fluid ounces of Busan 77 per 10 000 gallons of water should be made every 5 to 7 days after the initial treatment.

Uniform distribution of Busan 77 throughout the water in the pool is necessary for maximum effectiveness. Busan 77 is compatible with those chemicals normally used to treat pools and is effective at both acid and alkaline pH. Busan 77 can be used in pools treated with chlorine chemicals and may reduce the amount of those chemicals normally required. However, do not mix Busan 77 with concentrated dry or liquid chlorine products.

Busan 77 is used to control the growth of algae in decorative fountains. Systems containing heavy growths of algae should be manually cleaned prior to treatment. Fountains with just visible algae growth require an initial dose of 1.0 to 2.0 fluid ounces of Busan 77 per 1000 gallons of water in the system. To treat a freshly cleaned and filled fountain, add 0.5 to 1.5 fluid ounces of Busan 77 per 1000 gallons of water. Maintenance dosages of 0.2 to 0.5 fluid ounces of Busan 77 per 1000 gallons of water should be added every 5 to 7 days as needed. Additions of Busan 77 should be made at a point to ensure uniform distribution throughout the system. Busan 77 may be used in fountains treated with chlorine chemicals, but do not mix Busan 77 with concentrated dry or liquid chlorine products.

Busan 77 will retard microbial growth that causes degradation of cooked starch used in paper manufacture. Busan 77 is added at a rate of 25 to 250 ppm based on the total weight of the starch and water. The treatment rate necessary to retard spoilage of the starch will vary with the extent of contamination of the make-up water and the length of storage. NOTE: Do not use in paper and paperboard that will contact food.

BUCKMAN LABORATORIES, INC.

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