

JUN 22 1984

The Mogul Corporation
P. O. Box 200
Chagrin Falls, OH. 44022

Gentlemen:

Subject: Mogul AG-414
EPA Registration Number 8591-9
Mogul AG-415
EPA Registration Number 859-10
Amendment applications of June 13, 1984

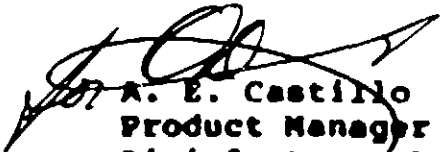
BEST AVAILABLE COPY

The labeling for the application referred to above, submitted in connection with your application for amended in connection with your application for amended registration under Section 3(c)(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (FIFRA), is acceptable since you have agreed that you will submit and/or cite all data required for registration/reregistration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If the conditions of this amendment are not complied with, the registration will be subject to cancellation in accordance with Section 6(e) of the Act.

A stamped copy of the label is enclosed for your records.

Sincerely,



A. E. Castillo
Product Manager #32
Disinfectants Branch
Registration Division (TS-767c)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

MOGUL® AG-415

BEST

ACTIVE INGREDIENT:

Poly(oxyethylene(dimethyliminio) ethylene-
(dimethyliminio) ethylene dichloride) . . . 15%
INERT INGREDIENTS 85%

EPA Reg. No 8591-10

This product contains 1.29 lbs. of active ingredient per gallon and weighs 9.6 lbs. per gallon.

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 and 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.
OR CALL COLLECT (412) 681-6669

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

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

MOGUL/415-3/84

Made in the U.S.A.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with the label.

MOGUL AG-415 is used to control the growth of algae, bacteria, and fungi in recirculating cooling towers. It is also used to control the growth of algae in swimming pools, exterior whirlpool fountains. It is also employed for the control of algae, bacteria, and fungi in the fresh water used to inhibit the growth of bacteria that cause degradation of cutting fluids.

Prior to the use of **MOGUL AG-415** in water cooling towers, systems should be cleaned to remove slime, and other deposits. Then make an initial slug addition of 4 - 10 fluid ounces of product per system (32 - 80 ppm). Repeat initial dosage until control is evident. Make subsequent slug additions of 10 - 25 fluid ounces of product per 1000 gallons of water (8 - 80 ppm) 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 to the water collection trays of the airwash towers.

MOGUL AG-415 is used to control bacteria in industrial air washing systems that maintain effective air flow. Prior to use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug addition of 4 - 10 fluid ounces of product per 1000 gallons of water (120 - 200 ppm). Repeat initial dosage until control is evident. Subsequent additions of 10 - 25 fluid ounces of product per 1000 gallons of water (80 - 200 ppm) should be made 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 may be made to the sump or to the water collection trays of the airwash system.

For maximum effectiveness of **MOGUL AG-415** in swimming pools, heated swimming pools, exterior fountains, those with heavy growths of algae should be cleaned prior to using **MOGUL AG-415**. For pools heated with gas, add an initial dose of 5 - 8 fluid ounces of product per 1000 gallons of water (40 - 61 ppm) and clean. For treatment of a freshly cleaned and filled pool, add initially 3 - 5 fluid ounces of product per 1000 gallons of water (22 - 40 ppm). To maintain pools free of visible algae growth, subsequent additions of 1 - 2 fluid ounces of product per 1000 gallons of water (7 - 15 ppm) should be made every 5 to 7 days after the initial treatment.

Uniform distribution of **MOGUL AG-415** throughout the water in the pool is necessary for maximum effectiveness. **MOGUL AG-415** is compatible with those chemicals normally used to treat pools and is effective at both low and high pH. **MOGUL AG-415** may be used in pools treated with chlorine. Do not mix **MOGUL AG-415** with concentrated dry or liquid chlorine products.

MOGUL AG-415 is used to control the growth of algae in decorative fountains. Systems containing water should be manually cleaned prior to treatment. Fountains with just visible algae growth require a slug addition of 4 - 10 fluid ounces per 1000 gallons of water in the system (36 - 73 ppm). To treat a freshly cleaned and filled fountain, add initially 3 - 5 fluid ounces of product per 1000 gallons of water (18 - 55 ppm). Maintenance dosages of 1 - 2 fluid ounces of product per 1000 gallons of water (7 - 18 ppm) should be added every 5 to 7 days or as needed. Additions should be made to the water collection trays of the system. **MOGUL AG-415** may be used in fountains treated with chlorine. Do not mix with concentrated dry or liquid chlorine products.

MOGUL AG-415 is used to control growth of algae in holding ponds and reservoirs and to control bacteria and fungi in holding and processing tanks of industrial fresh water systems supplying water to pulp and other manufacturing plants. Add **MOGUL AG-415** at the rate of 4.5 - 49.5 fluid ounces of product per 1000 gallons of water (36 - 396 ppm). Treatment is usually made continuously and should be based on the amount of bleedoff or leaving the pond or reservoir and entering the intermediate processing operations. In some cases, several hours each day will provide adequate control of the microorganisms.



THE MOGUL CORPORATION

EXECUTIVE OFFICES - CHAGRIN FALLS, OHIO 44022

Under the
Fungicide
as amended
regulations