

PM 32 54310-1 10/2
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

02 OCT 1991

Gotham Technologies Corporation
10 Rugby Street
P.O. Box 1132
Stamford, CT 06904

Attn: Ernie Elkin

Subject: Aquacide 55
EPA Registration No. 54310-1
Your Amendment of July 25, 1991

This is in response to your amendment request to add a recirculating cooling tower use to the subject product label. Please note the following.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy is enclosed for your records. Five copies of the finished labeling must be submitted before you release the product for shipment.

- In the "Precautionary Statements" of your product label, revise the "First Aid" instructions for "If Swallowed" to read:

"If Swallowed, promptly drink large quantities of water. Avoid alcohol. Do not induce vomiting. Call a physician immediately."

If you should have any questions concerning this letter, you may call Robert Travaglini on (703) 557-6909.

Sincerely,



Ruth G. Douglas
Acting Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7504C)

CONCURRENCES

SYMBOL	NAME	DATE					

PH 32 54310-1

BEST AVAILABLE

ACCEPTED
with COMMENTS
in EPA Letter Dated:

02 OCT 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

AQUACIDE 55

54310-1

Active Ingredient:	
Poly(oxyethylene(dimethyliminio)ethylene- (dimethyliminio)ethylene dichloride).....	10.0%
INERT INGREDIENT	90.0%

This product contains 0.85 lb of active ingredient per gallon and weighs 8.49 lb. per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

**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, 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. Keep out of lakes, streams, or ponds. Permits may be required for discharges containing this pesticide into lakes, streams, ponds or public water. For guidance, contact the regional office of the Environmental Protection Agency.

DIRECTIONS FOR USE

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

Aquacide 55 is used to control the growth of algae in swimming pools, exterior spas, whirlpools, hot tubs and decorative fountains. For maximum effectiveness pools, spas, whirlpools, hot tubs and decorative fountains exhibiting heavy growths of algae should be cleaned prior to using Aquacide 55.

For pools having just visible algae growth add an initial dose of 75 to 116 fluid ounces of Aquacide 55 per 10,000 gallons of water and remove settled algae debris by cleaning. For treatment of a freshly cleaned and filled pool add initially 41 to 75 fluid ounces of Aquacide 55 per 10,000 gallons of water. Subsequent additions of 13.6 to 27 fluid ounces of Aquacide 55 per 10,000 gallons of water should be made every 5 to 7 days after initial treatment for maintenance.

Spas, whirlpools, hot tubs and decorative fountains having just visible algae growth require an initial dose of 8 to 12 fluid ounces of Aquacide 55 per 1,000 gallons of water. For treatment of a freshly cleaned and filled spa,

whirlpool, hot tub or decorative fountain, add initially 4 to 8 fluid ounces of Aquacide 55. Subsequent additions of 1 to 3 fluid ounces of Aquacide 55 should be made every 5 to 7 days for maintenance.

Aquacide 55 is compatible with those chemicals normally used to treat pools. It is effective at both acid and alkaline pH. Aquacide 55 can be used in pools, spas, hot tubs, whirlpools, and decorative fountains with chlorine chemicals and may reduce the amount of these chemicals normally used. Do not use Aquacide 55 with concentrated dry or liquid chlorine products.

Aquacide 55 is used to control algae, bacteria and fungi in recirculating cooling towers. Prior to its use, systems must be cleaned to remove algal growth, microorganisms, and dirt. An initial slug addition of 6.13 to 15.32 fluid ounces of Aquacide 55 per 1,000 gallons of water is recommended. Repeat initial dosage until control is evident.

Subsequent slug additions of 1.53 to 15.32 fluid ounces of Aquacide 55 per 1,000 gallons of water (or 1.53 to 15.32 fluid ounces of Aquacide 55 per 1 million of Aquacide 55) should be employed every 2 to 5 days, or as needed, depending upon the relative amount of bleedoff and the severity of the microbial problem. Slug additions should be made in the sump of water cooling towers.

Aquacide 55 is used to control bacteria in industrial air-washing systems. Prior to use, systems should be cleaned to remove bacterial slimes. An initial dose of 24.7 to 41.2 fluid ounces of Aquacide 55 per 1,000 gallons of water is recommended. Subsequent slug additions of 16.9 to 41.2 fluid ounces of Aquacide 55 per 1,000 gallons of water should be employed each 1 to 5 days, or as needed. The frequency of additions should be determined by the amount of bleedoff and severity of the bacterial problem. Slug additions may be made in the sump of the air-wash system.

STORAGE AND DISPOSAL

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

STORAGE: Do not stack more than four drums high. Drums should be placed in overpack drums for distribution. Do not absorb in sawdust or sand and disposed of in a container closed when not in use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this pesticide should be disposed of in site or at an approved waste disposal site.

CONTAINER DISPOSAL:

PLASTIC: Triple rinse or equivalent. Then recycle for reuse, or puncture and dispose of in a sanitary landfill, or by incineration or, if allowed, by state and local authorities. Do not burn. Stay out of smoke.

METAL: Triple rinse or equivalent. Then recycle for reuse, or puncture and dispose of in a sanitary landfill, or by incineration or, if allowed, by state and local authorities. Do not burn. Stay out of smoke.

MANUFACTURED BY:
GOTHAM TECHNOLOGIES
 10 RUGBY STREET, P.O. BOX #
 STAMFORD, CT 06904

EPA Registration Number: 54310-1
 EPA Establishment #