

SEP 2 1986

Mr. C. Richard Stolley
 MCH Corporation
 2727 Chemsearch Boulevard
 Irving, TX 75062

Dear Mr. Stolley:

Subject: Amendment - Add Additional Sites of Fountains & Reflective
 Pools
 Cimacide
 EPA Registration No. 1769-234
 Your Submission Dated June 26, 1986

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. 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.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Qualify fountains as ornamental fountains. Include the statement "Repeat treatment when algae reappear."
 - b. Provide directions for calculating volume of water in fountains or pools in gallons.
3. Submit one (1) copy of your final printed labeling before you release the product for shipment.

04320: Ikeda:MF-11:KENCO:7/10/86:7/22/86:eg:VO

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

Richard F. Mountfort *RFM*
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosure

LEFT PANEL

NATIONAL CHEMSEARCH

CIMACIDE

For use in industrial recirculating water cooling towers under 25,000 tons, where treated effluent is discharged into a sanitary sewage treatment facility, for control of algae and to reduce the number of living algae.

Do not use where cooling tower effluent is discharged directly into lakes, ponds, streams or public waters.

For control of algae in ponds with little or no outflow

ACTIVE INGREDIENT:

Simazine, 2-Chloro-4, 6-bis(ethylamino)-s-triazine... 1.0%

INERT INGREDIENTS:

..... 99.0%
TOTAL..... 100.0%

CAUTION:**KEEP OUT OF REACH OF CHILDREN**

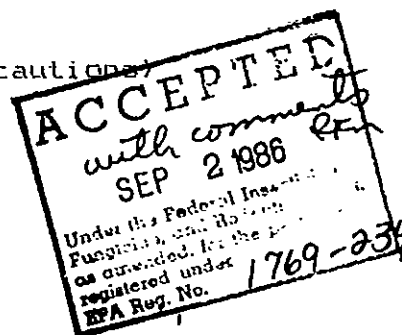
(See side panel for additional precautions)

EPA Reg. No. 1769-234

NET CONTENTS

NATIONAL CHEMSEARCH

A Division of NCH Corporation
2727 Chemsearch Blvd.
Irving, Texas 75062

**CENTER PANEL****PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS****CAUTION**

Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS:

For Cooling Towers: Use only in systems where treated effluent is discharged into a sanitary sewage system or similar sewage treatment facility. Do not use where cooling tower effluent is discharged directly to lakes, ponds, streams, or public waters. Apply this product only as specified on this label. CIMACIDE should not be used in towers where the treated water will come into contact with lawns, trees, shrubs or other desirable plants.

For Pond Use: Do not treat ponds which have bordering trees with roots visibly extending into water, since injury to these trees may occur. Usually, trees fifty feet or more from the pond's edge will not be injured. Do not contaminate domestic, livestock or irrigation water supplies or lakes or streams.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES: Flush eyes with plenty of water. Call a physician immediately.

RIGHT PANEL

STORAGE AND DISPOSAL

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

STORAGE: KEEP CONTAINER CLOSED.

PESTICIDE DISPOSAL: Waste 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, or by other procedures approved by state and local authorities.

NOT FOR RESALE

DIRECTIONS FOR USE:

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

STIR WELL BEFORE USING

COOLING TOWERS

Badly fouled systems must be cleaned before treatment is begun. Begin treatment when the system is in jeopardy of becoming affected or after cleaning systems whose efficiency is already impaired. Apply at a point in the system where CIMACIDE will be uniformly mixed, such as the tower sump.

INITIAL DOSE: When the system is just noticeably fouled, apply 96 (7.5 ppm of active ingredient) to 154 (12 ppm of active ingredient) fluid ounces of CIMACIDE per 1000 gallons of water in the system. Apply half of this initial dose when half of the water in the system has been lost by blowdown.

SUBSEQUENT DOSE: When control of microbial growth is evident, apply 26 (2 ppm of active ingredient) to 58 (4.5 ppm of active ingredient) fluid ounces of CIMACIDE per 1000 gallons of water in the system. Apply half of the subsequent dose when half of the water in the system has been lost by blowdown.

Do not premix with or add to a system which has had a quaternary ammonium chloride algaecide such as ABF-42 or AL-CHEK added within the last seven days.

FOUNTAINS AND REFLECTING POOLS

CIMACIDE may be used in fountains and reflecting pools for control of algae. Algae may be controlled for one to three months.

Apply CIMACIDE at a rate of 0.5 gallon (0.5 ppm) to 1.0 gallon (1.0 ppm) per 10,000 gallons of water in system. If infestation is moderate to heavy, use 2.5 gallons to 3.3 gallons per 10,000 gallons of water.

Apply CIMACIDE at several locations around fountain or pool until required amount has been applied. It is not necessary to spray CIMACIDE as it will dissolve and distribute itself throughout the system.

Do not spill CIMACIDE on grass or vegetation as injury will occur.

PONDS WITH LITTLE OR NO OUTFLOW

CIMACIDE may be used in ponds for control of algae. Algae may be controlled for one to three months or may require retreatment later in season. CIMACIDE may be used in ponds containing fish.

In ponds containing fish, application should not be made in water during prolonged periods of hot weather because oxygen levels would normally be low at this time and treatment could induce additional oxygen stress to fish, resulting occasionally in fish kill. If fish stress is observed, aerate the water by any method to reduce the chances of fish kill. Use only in ponds which will have little or no water outflow after treatment. Do not use as a spot treatment.

WHEN TO APPLY

Treat ponds after seasonal flow has ceased, early in the algae growth period. Treat when 5-10% of the pond surface is covered with scum (algae mats). As a general rule, ponds in northern areas may be treated between May 1 and June 15. In southern areas, where water warms up earlier, ponds may be treated between April 1 and May 15.

High water temperatures cause more rapid natural decay of dead algae, which can cause fish distress; therefore, apply CIMACIDE before water temperatures exceed 75 F/24 C.

Do not treat ponds having an extremely heavy infestation of algae, such as occurs in mid and late summer, since rapid decomposition of heavy growth greatly reduces the oxygen content of the water, which can cause fish distress and/or death.

ALGAE CONTROL

Most unicellular algae (algae which impart a green, yellow, red or brown turbid color to the water) and many floating mat (pond scum) algae may be controlled with 16 1/2 (0.5 ppm of active ingredient) to 33 (1.0 ppm of active ingredient) gallons of CIMACIDE per acre foot of water (approximately 5 [0.5 ppm of active ingredient] to 10 [1.0 ppm of active ingredient] gallons per 100,000 gallons of pond water.) If infestation is moderate to heavy, use 25 to 33 gallons per acre foot.

Cladophora, chara and water net algae require 40 3/4 (1.3 ppm of active ingredient) gallons of CIMACIDE per acre foot of water. Most other algae which form on the bottom soil (benthic) or which produce underwater plumes that later break loose and float on the surface also require 40 3/4 (1.3 ppm of active ingredient) gallons of CIMACIDE per acre foot.

Apply CIMACIDE at several different locations around pond edges until required amount has been applied. It is not necessary to spray CIMACIDE over surface, as it will dissolve and distribute itself throughout entire pond. Do not spill CIMACIDE on grass or vegetation on banks, as injury will occur.

Some ponds will require reapplication due to uncontrollable factors in mid or late summer. If retreatment becomes necessary, apply at the first signs that algae is building up. Do not treat in the fall or just before freezing is expected, since water oxygen level may be lowered.

USE OF FISH AND WATER

- 1) Fish taken from treated ponds may be used for human consumption.
- 2) Treated ponds may be used for swimming.
- 3) Water from treated ponds or cooling towers should not contact or be used for irrigation, or spraying of agricultural crops, lawns, or ornamental plantings, or for watering cattle, goats, hogs, horses, poultry, or sheep or for human consumption until 12 months following treatment.

TO REORDER:

In Texas, call 1-800-492-5060

Outside Texas, call 1-800-527-9921

(DATE)

____ EPA Est. No. 4140 ____
CA-1 IN-1 NJ-1 PR-1 TX-1

