

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1800
SEP 21 1989

The Dow Chemical Company
P.O. Box 1706
Midland, MI 48674-1706

Attention: Miss Margaret L. Wulf
Registration Specialist

Gentlemen:

Subject: Dow Time-Release Antimicrobial CT
EPA Registration No. 464-624
Your Amendment Application Dated March 9, 1989

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/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 change listed below before you release the product for shipment bearing the amended labeling:
 - Revise "Use only in air-washer systems . . ." to read "Use only in industrial air-washer systems"
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

57234:I:Douglas:K-4:KENCO:09/06/89:09/15/89:CL:sw:vo:ek:dg

CONCURRENCES

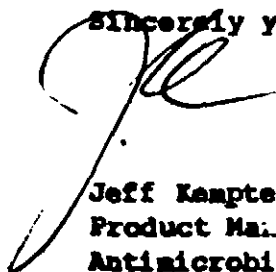
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-2-

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,



Jeff Kapter
Product Manager (32)
Antimicrobial Program Branch
Registration Division (87505C)

Enclosure

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 21 1988

Page 1 of 4

LABEL DRAFT
Dow Time-Release Antimicrobial CT
March 7, 1989

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

464-624

Dow Time-Release Antimicrobial CT
Tablets in Water-Soluble Bags

Controls bacteria, fungi, and algae in industrial cooling water systems
and auxiliary water and waste water systems; controls slime-forming
bacteria and fungi in air-washer systems.

FOR INDUSTRIAL USE ONLY

Active Ingredients:

2,2-Dibromo-3-nitrilopropionamide.....40%

Inert Ingredients:60%

E.P.A. Registration No.464-624

E.P.A. Est. 464-MI-1

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUSE SEVERE BURNS OF EYES * EYE CONTACT MAY CAUSE LOSS OF VISION *
MAY BURN THE SKIN * HARMFUL IF SWALLOWED

Do Not Get in Eyes, on Skin, or on Clothing. Chemical Worker's Goggles
Must Be Worn When Handling or Working near this Chemical. Gloves Must
Be Worn When Handling. Wash Thoroughly After Handling.

STATEMENTS OF PRACTICAL TREATMENT:

In case of eye contact, immediately flush eyes with plenty of water for
at least 15 minutes. Call a physician.

In case of skin contact, wash skin with soap and plenty of water.
Remove contaminated clothing and wash before reuse. Get medical
attention if irritation persists.

If Swallowed, immediately induce vomiting by giving two glasses of
water and sticking finger down throat. Repeat until vomit is clear.
Call a physician. Never give anything by mouth to an unconscious
person.

BEST AVAILABLE COPY

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Page 2 of 4

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464-624

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Apply this product only as specified on this label. Do not contaminate water by cleaning of equipment or disposal of wastes. NOTE: Do not discharge into lakes, streams, ponds, or public waters unless in accordance with a NPDES permit. For guidance, contact your regional office of the EPA. In case of an emergency endangering life or property involving this product, call collect 517-636-4400.

STORAGE AND DISPOSAL

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

Storage: To maintain product quality, store at temperatures below 35°C. Keep polyethylene liner closed when not in use.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Do not reuse empty container. Completely empty liner into application equipment. Dispose of container and empty liner in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

INDUSTRIAL COOLING WATER SYSTEMS

NOTE: Direct contact of Dow Time-Release Antimicrobial CT with a metal surface in the cooling system will cause local corrosion. To prevent corrosion, place a tablet of Dow Time-Release Antimicrobial CT in the holder provided (or equivalent) and suspend / float it in the water so the tablet is completely submerged (additional holders may be obtained from The Dow Chemical Company). Dow Time-Release Antimicrobial CT is best used in the basin of the cooling system, in an area with little turbulence. Avoid placing Dow Time-Release Antimicrobial CT in direct sunlight.

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To control bacteria, fungi, and algae in clean to moderately contaminated systems, add one tablet per 500 - 1000 gallons of water in the system. Heavily contaminated systems may require two tablets per 500 - 1000 gallons of water.

EACH TABLET OR GROUP OF TABLETS OF Dow Time-Release Antimicrobial CT WILL PROVIDE APPROXIMATELY 3 WEEKS OF CONTROL. Add additional tablet(s) of Dow Time-Release Antimicrobial CT per 500 - 1000 gallons of water in the system every 3 weeks, or as needed to maintain control.

AUXILIARY WATER AND WASTE WATER SYSTEMS

Dow Time-Release Antimicrobial CT controls odor-forming and slime-forming bacteria, fungi, and algae in auxiliary water systems such as fire protection systems; pump or screen bays; waste water and waste material disposal; holding or recovery systems such as storage tanks, storage piles, associated piping, settling ponds or lagoons; transport spillways or canals; and disposal wells.

Dow Time-Release Antimicrobial CT should be added to the system at a rate of one tablet per 500 - 1000 gallons of water in the system. Each tablet will provide approximately 3 weeks of control per 500 - 1000 gallons of water. NOTE: Direct contact of metal with Dow Time-Release Antimicrobial CT should be prevented. Place tablets in holders such as the one provided. These holders prevent direct contact with metal surfaces and keep tablets near the surface, allowing easy observation. Additional holders may be obtained from The Dow Chemical Company.

AIR-WASHER SYSTEMS

For control of slime-forming bacteria and fungi, add one to two tablets per 500 gallons of water in the system, depending on the severity of the contamination. Each tablet or group of tablets will provide approximately 3 weeks of control. Badly fouled systems must be cleaned before treatment is begun. NOTE: Prevent direct contact between tablets and metal surfaces by using the holder provided or a similar holder.

NOTE: Use only in air-washer systems that maintain effective mist eliminators.

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Notice: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

NOTICE

Do Not Ship or Store with Food, Feeds, Drugs, or Clothing

15.5 lb / 7.0 kg net

The Dow Chemical Company Midland, MI 48674
U.S.A.