

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

34571-14

DATE OF ISSUANCE

JUN 29 1995

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Betz Entec 362

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Betz Entec, Inc.
c/o Betz Laboratories, Inc.
4636 Somerton Road
Trevose, PA 19053

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Make the following labeling changes before you release the product for shipment:

1. Revise the Precautionary Statements and Statement of Practical Treatment in accordance with Attachment A for Batch 26 products.

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

Submit one copy of the final printed labeling before releasing the product in channels of trade with the revised labeling.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

10/85

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



Ruth G. Douglas
Product Manager 32
Antimicrobial Program Branch
Registration Division (7505C)

Enclosure

Attachment A - Batch 26 Products

Labeling:

1. The signal word is "Danger".

2. The Precautionary Statements should read:

"Corrosive: Cause irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe dust, vapor or spray mist. Wear goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse".

3. The Statements of Practical Treatment should read:

"If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention".

"If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration preferably mouth-to-mouth. Get medical attention".

"If on Skin: Wash with plenty of soap and water. Get medical attention if irritation persists".

"If swallowed: Drink promptly large quantities of water. Avoid alcohol. Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. Get medical attention".

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BETZ ENTEC

BETZ WATER MANAGEMENT GROUP

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS

DANGER

HARMFUL OR FATAL IF SWALLOWED. HIGHLY CORROSIVE. DO NOT TAKE INTERNALLY. CAUSES EYE AND SKIN DAMAGE. IRRITATING TO NOSE AND THROAT. DO NOT INHALE DUST. USE WITH ADEQUATE VENTILATION. DO NOT GET INTO EYES, ON SKIN OR CLOTHING. WEAR RUBBER GLOVES, GOGGLES AND FACE SHIELD WHEN HANDLING. IMMEDIATELY REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

ENVIRONMENTAL HAZARDS

THIS PRODUCT IS TOXIC TO FISH. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT INTO LAKES, STREAMS, PONDS, ESTUARIES, OCEAN OR OTHER WATERS UNLESS IN ACCORDANCE WITH THE REQUIREMENTS OF A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT & THE PERMITTING AUTHORITY HAS BEEN NOTIFIED IN WRITING PRIOR TO DISCHARGE. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT TO SEWER SYSTEMS WITHOUT PREVIOUSLY NOTIFYING THE LOCAL SEWAGE TREATMENT PLANT AUTHORITY. FOR GUIDANCE CONTACT YOUR STATE WATER BOARD OR REGIONAL OFFICE OF THE EPA. APPLY THIS PESTICIDE ONLY AS SPECIFIED ON THIS LABEL.

PHYSICAL AND CHEMICAL HAZARDS

CHEMICAL HAZARD. STRONG OXIDIZING AGENT. MIX ONLY WITH WATER. DO NOT MIX WITH OTHER CHEMICALS. DO NOT USE DAMP OR WET UTENSILS. CONTACT WITH ORGANIC MATTER MAY CAUSE VIOLENT REACTION LEADING TO GENERATION OF HEAT, LIBERATION OF IRRITATING AND HAZARDOUS GASES AND POSSIBLE GENERATION OF FIRE AND EXPLOSION. IN CASE OF CONTAMINATION DO NOT RESEAL THE CONTAINER.

NET WT. : LBS.
LOT NO.

FOR INDUSTRIAL USE. Technical advice regarding specific site problems is available from BETZ. 362 9010

Active Ingredient:
Sodium dichloro-s-triazinetrione dihydrate..... 99.02
Inert Ingredients:..... 1.02
Total..... 100.02

ACCEPTED

with COMMENTS
Minimum available chlorine: 50.02

JUN 29 1995

CONTENTS: POWDER
POUNDS PER GALLON:
EPA REG NO. 34571-14

Under the Federal Insecticide, Fungicide and Rodenticide Act, amended for the pesticide registered under EPA Reg. No. 34571-14

DANGER

In case of contact with skin, physician.
In case of contact with eyes, minutes. Immediately contact
In case of ingestion, drink 1
Immediately contact physical

A Material Safety Data Sheet available upon request.

See left panel for additional

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a

STORAGE AND DISPOSAL

STORAGE: Keep container tightly closed. Protect from freezing. Store in a dry place. Do not store
PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Pesticide or
pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be
Pesticide or Environmental Control Agency or the Hazardous Waste representative at the near
CONTAINER DISPOSAL: METAL AND PLASTIC CONTAINERS: Triple rinse (or equivalent). Then offer for
landfill, or incinerate or burn, if allowed by state and local authorities. If burned, stay on
FIBER DRUMS WITH LINERS: Completely empty liner by shaking and tapping sides and bottom to
dispose of liner and drum in a sanitary landfill or incinerate if allowed by state and local

RECIRCULATING COOLING WATER

BETZ Entec 362 aids in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchange water systems, cooling and retort systems, commercial and industrial cooling towers, influent systems such as flow through filters and lagoons and industrial water scrubbing systems.

Entec 362 may be added to the systems either continuously or intermittently or as needed to the tower basin, distribution box or some other point to insure uniform mixing. The frequency of feeding and duration of the treatment will depend upon the severity of the contamination.

Control the application by measuring the free chlorine residual in the treated water. There is no need to exceed 1 ppm as free chlorine. Determine chlorine residual using a commercially available test kit.

HEAVILY FOULED SYSTEMS must be cleaned before treatment is begun.

INTERMITTENT
INITIAL
0.1 to
until c
SUBSEQUENT
0.05 to
or as a
CONTINUOUS
INITIAL
0.1 to
until c
SUBSEQUENT
to main
down Co

HORSHAM, PA 19044 BUSINESS PHONE: 215-674-9200 EMERGENCY (HEAL

BEST COPY AVAILABLE

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ENTEC

362

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e dihydrate..... 99.02
 1.02
 CEPTED..... 100.02
 COMMENTS
 Date: 5/14/95
 2 g 1995
 Federal Insecticide,
 and Rodenticide Act (FIFRA) NO.
 for the pesticide
 under EPA Reg. No.
 34571-14

DANGER **KEEP OUT OF REACH OF CHILDREN**
STATEMENT OF PRACTICAL TREATMENT

In case of contact with skin, wash immediately with plenty of soap and water. Immediately contact physician.

In case of contact with eyes, flush promptly and thoroughly with clear water for at least 15 minutes. Immediately contact physician.

In case of ingestion, drink large quantities of water. Do not induce vomiting. Avoid alcohol. Immediately contact physician.

A Material Safety Data Sheet containing more detailed information relative to this product is available upon request.

See left panel for additional precautionary statements.

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

ed. Protect from freezing. Store in a dry place. Do not store at elevated temperatures.
 ke water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous and/or toxic. Improper disposal of excess
 is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State
 Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
 C CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary
 allowed by state and local authorities. If burned, stay out of smoke.
 empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then
 tary landfill or incinerate if allowed by state and local authorities. Do not reuse empty drum or liner.

RECIRCULATING COOLING WATER SYSTEMS

FOR THE CONTROL OF BACTERIA, FUNGI AND ALGAE

f bacterial, fungal and algal slimes in
 e water systems, cooling and retort systems,
 ers, influent systems such as flow through
 ater scrubbing systems.
 s either continuously or intermittently or
 ution box or some other point to insure uni-
 g and duration of the treatment will depend
 on.
 the free chlorine residual in the treated
 ppm as free chlorine. Determine chlorine
 ble test kit.
 before treatment is begun.

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add BETZ Entec 362 at the rate of 0.1 to 1.5 pounds (12 to 180 ppm) per 1000 gallons of water in the system. Repeat until control is achieved.
SUBSEQUENT DOSE: When microbial control is evident, add BETZ Entec 362 at the rate of 0.05 to 1.0 pound (6 to 120 ppm) per 1000 gallons in the system daily, every 3 days or as needed to maintain control.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, add BETZ Entec 362 at the rate of 0.1 to 1.5 pounds (12 to 180 ppm) per 1000 gallons of water in the system. Continue until control is achieved.
SUBSEQUENT DOSE: When microbial control is evident, continuously feed BETZ Entec 362 to maintain a dosage of 0.05 to 1.0 pound (6 to 120 ppm) per 1000 gallons of blow-down (or water loss) from the system.

TE: 215-674-9200 EMERGENCY (HEALTH OR ACCIDENT): 1-800-877-1940

BEST COPY AVAILABLE