

Betz Laboratories, Incorporated  
4636 Somerton Road  
Trevose, PA. 19047

MAR 22 1985

Gentlemen:

Subject: Betz Slimicide C-41  
EPA Registration No. 3876-127  
Betz Slimicide 364  
EPA Registration No. 3876-74  
Submissions of February 26, 1985


The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/re-registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five copies of your final printed labeling before you release the product for shipment.
3. Submit attachment B for placement in the file for this product.

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 constitutes acceptance of these conditions.

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							

2076 3876-127 201 32  
FILE NUMBER: C41 EPA

2/26/85

BETZ[ER]

slimicide C-41

Slime Control Agent

[LOGO]

(FIRST PANEL)

PRECAUTIONARY STATEMENTS[14bf]

HAZARDS TO HUMANS AND[12bf]  
DOMESTIC ANIMALS[12bf]

DANGER[18bf]

HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN. Causes eye burns and skin irritations. Do not get into eyes, on skin or on clothing. Do not inhale vapor or mist. Use with adequate ventilation. Wear rubber gloves, goggles and face shield when handling. Immediately remove and wash contaminated clothing before reuse. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS[14bf]

This pesticide is toxic to fish and wildlife. Do not discharge into lakes, streams, ponds or public water unless in accordance with a NPDES permit. For guidance contact your Regional Office of the EPA. Do not contaminate water by cleaning or container and equipment or disposal of wastes. Apply this pesticide only as specified on this label.

PHYSICAL AND CHEMICAL HAZARD[14bf]

Combustible. Do not use, pour or store near heat or open flame.

DIRECTIONS FOR USE[14bf]

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

RECIRCULATING COOLING WATER SYSTEMS[12bf]

BETZ Slimicide C-41 aids in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchange water systems, commercial and industrial cooling towers, influent systems such as flow through filters and lagoons, industrial water scrubbing systems and brewery pasteurizers.

This product may be added to the systems either continuously or intermittently or as needed. The frequency of feeding and duration of the treatment will depend upon

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAR 22 1985

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

3876-127

the severity of the problem.

**BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.

(Directions for Use continued on third panel.)

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BETZ Laboratories, [Cont'd bottom 2nd panel.]  
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**(SECOND PANEL)**

**Contents: LIQUID**

**Active Ingredients:**

beta-Bromo-beta-Nitrostyrene..... 9.2%

Methylenebis (thiocyanate).....4.9%

Inert Ingredients\* :.....85.9%

Total.....100.0%

\*Inert ingredients include solubilizing and dispersing agents.

EPA Reg. No. 3876-127

**WEIGHT PER GALLON OF PRODUCT**  
3.04 POUNDS (70F)

**NET WEIGHT OR VOLUME**  
**AS MARKED ON CONTAINER**

**KEEP OUT OF REACH OF CHILDREN**[12bf]

**DANGER**[18bf]

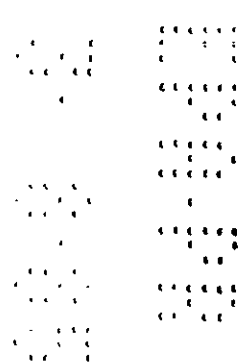
**STATEMENT OF PRACTICAL TREATMENT**[14bf]

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, 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.

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Inc. TREVOSE, PENNSYLVANIA 19047 Telephone: 215-355-3300  
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(THIRD PANEL)

FOR CONTROL OF BACTERIA, FUNGI AND ALGAE

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add Slimicide C-41 at the rate of 0.1 to 1.5 pound (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 Slimicide C-41 at the rate of 0.1 to 1.0 pound (12 to 120 ppm) per 1000 gallons of water in the system every 3 days or as needed to maintain control.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, add Slimicide C-41 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: Continuously feed Slimicide C-41 to maintain a dosage of 0.1 to 1.0 pound (12 to 120 ppm) per 1000 gallons of blowdown (or water loss) from the system.

( ONCE-THROUGH INDUSTRIAL COOLING[12bf]  
WATER SYSTEMS[12bf]

Slimicide C-41 aids in the control of mollusca and of algal, bacterial and fungal slimes in once-through fresh and sea water cooling systems, cooling ponds, canals and lagoons. This product may be added to the system inlet water or before any contaminated area in the system. Slimicide C-41 used as indicated will effectively destroy mollusca larvae during the spawnig season.

Addition of Slimicide C-41 should be made with a metering pump: it may be continuous or intermittent depending upon the severity of contamination when treatment is begun, and the retention time in the system.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR CONTROL OF BACTERIA, FUNGI AND ALGAE

INTERMITTENT OR SLUG METHOD

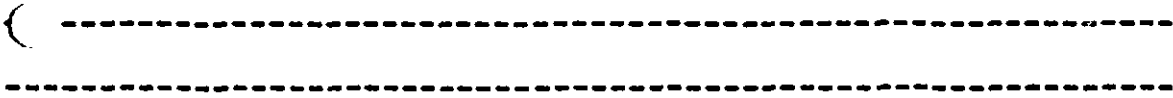
**INITIAL DOSE:** When the system is noticeably fouled, add Slimicide C-41 at the rate of 0.2 to 0.75 pound (24 to 90 ppm) per 1000 gallons of water based on the flow rate through the system. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved.

**SUBSEQUENT DOSE:** When microbial control is evident, add Slimicide C-41 at the rate of 0.1 to 0.75 pound (12 to 90 ppm) per 1000 gallons of water based on the flow rate through the system intermittently as needed to maintain control.

**CONTINUOUS FEED METHOD**

**INITIAL DOSE:** When the system is noticeably fouled, add Slimicide C-41 at the rate of 0.2 to 0.75 pound (24 to 90 ppm) per 1000 gallons of water based on the flow rate through the system. Continue until control is achieved.

**SUBSEQUENT DOSE:** When microbial control is evident, pump a continuous feed of Slimicide C-41 at the rate of 0.1 to 0.75 pound (12 to 90 ppm) per 1000 gallons of water based on the flow rate through the system.



(FOURTH PANEL)

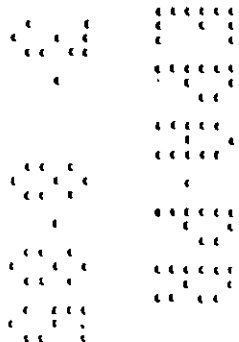
**FOR THE CONTROL OF MOLLUSCA**

**DOSAGE:** When mollusca larvae are suspected in the system and the water temperature exceeds 15C (59F), add Slimicide C-41 up to a rate of 1.75 pounds (210 ppm) per 1000 gallons of water based on the flow rate through the system. Apply Slimicide C-41 at this rate for 2 to 4 hours per day. Once control is achieved, the frequency of treatment may be reduced to 2 to 4 hours every other day, every third day or once a week as necessary to maintain control.

**AUXILIARY WATER AND WASTE WATER SYSTEMS[12bf]**

Slimicide C-41 is effective for the control of odor-forming and slime forming bacteria, fungi, and algae in auxiliary water, 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.

Slimicide C-41 may be added to the system by slug or intermittent feed or by spraying onto a waste pile. The frequency of feed or spray and the duration of treatment will depend upon the severity of the microbial contamination. Additions to water systems should be made during the pumping operation and as close to the pump as possible to insure adequate mixing.



**INTERMITTENT OR SLUG METHOD**

When treatment is required, add Slimicide C-41 at the rate of 1.0 to 3.0 pounds per 1000 gallons of water already in the system, or being added to the system, for 4 to 8 hours, 1 to 4 times per week or as needed to achieve the

desired level of control. When control is obtained, add Slimecide C-41 at the rate of 0.5 to 1.5 pounds per 1000 gallons of water in the system.

This product and its use as a slime-control composition are covered by United States patent 3,898,343.

**STORAGE AND DISPOSAL[12b f]**

**STORAGE:** Keep container tightly closed. Protect from freezing. Store in a dry place. Do not store at elevated temperatures.

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

Pesticide wastes are acutely hazardous and/or toxic. Improper disposal of excess pesticide, spray mixture, or rinseate 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.

**Metal and Plastic Containers[bf]:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate or burn, if allowed by state and local authorities. If burned, stay out of smoke.

**Fiber Drums with Liners[bf]:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner and drum in a sanitary landfill or incinerate if allowed by state and local authorities. Do not reuse empty drum or liner.

**FOR INDUSTRIAL USE ONLY.** Technical advice regarding specific site problems is available from BETZ PaperChem, Inc.

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Emergency (Health or Accident):215-355-3300  
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