

7/15-115 p. 31  
FILE NUMBER: C74.EPA

2/25/86

BETZ[R]

slimicide C-74

Slime Control Agent

PRECAUTIONARY STATEMENTS[14 bf]

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

DANGER[12 bf]

CORROSIVE. Causes eye and skin damage. Harmful if swallowed. Do not get into eyes, on skin or on clothing. Do not inhale vapor or mist. Use with adequate ventilation. Wear rubber gloves, goggles or 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 effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Apply this product only as specified on this label.

PHYSICAL AND CHEMICAL HAZARDS[12bf]

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

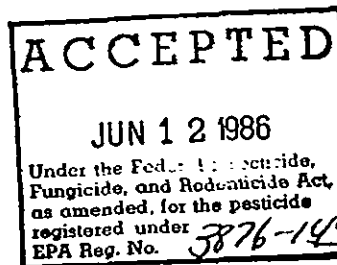
DIRECTIONS FOR USE[14bf]

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-74 aids in the control of mollusca and 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, 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 the severity of the problem.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

(Directions for Use continued on third panel.)

BLCCHG51 8512

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BETZ Laboratories, Inc. [Cont'd at bottom of second panel.]  
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(SECOND PANEL)

Contents: LIQUID

Active Ingredients:

Dodecylguanidire hydrochloride.....5.0%

N-Alkyl (C<sub>12</sub> -40%, C<sub>14</sub> -50%,

C<sub>16</sub> -10%) dimethylbenzyl ammonium chloride.....8.0%

Inert Ingredients:.....87.0%

Total.....100.0%

EPA Reg. No. 3876-145

WEIGHT PER GALLON OF PRODUCT  
8.5 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.

NOTE TO PHYSICIAN[bf]:

Mucosal damage may contraindicate the

use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

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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TREVOSE, PENNSYLVANIA 19C47[Cont'd on bottom of third panel.]  
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(THIRD PANEL)

FOR CONTROL OF MOLLUSCA, BACTERIA, FUNGI AND ALGAE

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add Slimicide C-74 at the rate of 0.3 to 2.0 pounds (36 to 240 ppm) per 1000 gallons of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When control is evident, add Slimicide C-74 at the rate of 0.15 to 1.5 pounds (18 to 180 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-74 at the rate of 0.3 to 2.0 pounds (36 to 240 ppm) per 1000 gallons of water in the system.

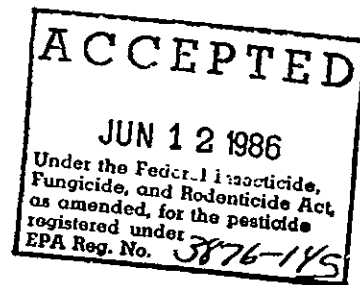
SUBSEQUENT DOSE: Continuously feed Slimicide C-74 to maintain a dosage of 0.05 to 0.5 pound (6 to 60 ppm) per 1000 gallons of water in the system.

ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS[12b-f]

Slimicide C-74 aids in the control of mollusca and of algal, bacterial and fungal slimes in once-through and closed-cycle 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.

Addition of Slimicide C-74 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 MOLLUSCA, BACTERIA, FUNGI AND ALGAE

### INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add Slimicide C-74 at the rate of 0.2 to 1.0 pound (24 to 120 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 control is evident, add Slimicide C-74 at the rate of 0.05 to 0.5 pound (6 to 60 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-74 at the rate of 0.2 to 1.0 pound (24 to 120 ppm) per 1000 gallons of water based on the flow rate through the system. Continue until control is achieved.

SUBSEQUENT DOSE: When control is evident, pump a continuous feed of Slimicide C-74 at the rate of 0.02 to 0.2 pound (2.4 to 24 ppm) per 1000 gallons of water based on the flow rate through the system.

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Telephone: 215-355-3300  
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(FOURTH PANEL)

### ( AUXILIARY WATER AND WASTE WATER SYSTEMS [12bf]

Slimicide C-74 is effective for the control of mollusca and of odor-forming and slime-forming bacteria, fungi and algae in auxiliary water systems such as fire protection systems and 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.

Slimicide C-74 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 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-74 at the rate of 1.5 to 2.0 pounds per 1000 gallons of water already in the system, or being added to the system, for 4 to 6 hours, 1 to 4 times per week or as needed to achieve the desired level of control. When control is obtained, add Slimicide C-74 at the rate of 0.75 to 2.0 pounds per 1000 gallons of water in the system.

## ENHANCED OIL RECOVERY SYSTEMS(12bf)

For controlling slime-forming bacteria, sulfide-producing bacteria, yeasts and fungi in oil field water, polymer or mycellar floods, water disposal systems, or other oil field water systems, add Slimicide C-74 at the rate of 30 to 495 ppm (10 lbs to 165 lbs per 1000 barrels of water) depending upon the severity of contamination. Additions of Slimicide C-74 should be made with a metering pump either continuously or intermittently.

Addition of Slimicide C-74 may be made at the free water knockouts, before or after the injection pumps and injection well headers.

### INTERMITTENT OR SLUG METHOD

When the system is noticeably fouled, or to maintain control of the system, add Slimicide C-74 at the rate of 30 to 495 ppm (10 to 165 lbs Slimicide C-74 per 1000 barrels of water) intermittently for 4 to 8 hours per day, and from 1 to 4 times per week or as needed depending on the severity of contamination.

### CONTINUOUS FEED METHOD

When the system is noticeably fouled, add Slimicide C-74 at the rate of 30 to 495 ppm (10 lbs to 165 lbs per 1000 barrels of water) continuously until the desired degree of control is achieved. Subsequently, treat with Slimicide C-74 at the rate of 3 to 90 ppm (1.0 lb to 30 lbs per 1000 barrels of water) continuously or as needed to maintain control.

(FIFTH PANEL)

## STORAGE AND DISPOSAL(12bf)

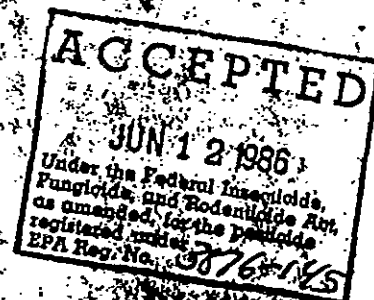
**STORAGE:** Keep container tightly closed. Protect from freezing. Store in a dry place. Do not store at elevated temperatures.

**PESTICIDE 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 rinsate 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:

**Metal and Plastic Containers(bf):** Triple rinse (or equivalent). Then offer for recycling, reconditioning, or puncture and disposal in a sanitary landfill, or incinerate or burn if allowed by state or 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.

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