

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

NOTE: Add Slimicide 508 SEPARATELY to the system. Do NOT mix it with other additives.

RECIRCULATING COOLING WATER SYSTEMS

BETZ Slimicide 508 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, infilco units, filters, lagoons, etc., 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.

FOR CONTROL OF BACTERIA AND FUNGI

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add 0.05 to 0.1 pound to 1000 gallons or 6 to 12 parts per million of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 0.025 to 0.1 pound to 1000 gallons or 3 to 12 parts per million 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 0.05 to 0.1 pound to 1000 gallons or 6 to 12 parts per million of water in the system.

SUBSEQUENT DOSE: Continuously feed to maintain a dosage of 0.005 to 0.05 pound to 1000 gallons or 0.6 to 6 parts per million of water in the system.

FOR CONTROL OF ALGAE

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled add 0.5 to 1.0 pound to 1000 gallons or 60 to 120 parts per million of water in the system. Repeat until control is achieved.

0.3 to 1.0 pound to 1000 gallons daily or 36 to 120 parts per million daily or as needed to maintain control.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, add 0.5 to 1.0 pound to 1000 gallons or 60 to 120 parts per million of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: Continuously feed to maintain a dosage of 0.3 to 1.0 pound to 1000 gallons or 36 to 120 parts per million of water in the system.

ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS

For controlling bacteria, fungi, and algae, in once-through and closed-cycle fresh and sea water cooling systems, cooling ponds, canals, and lagoons, add Slimicide 508 to the system inlet water or before any other contaminated area in the system.

Addition should be made with a metering pump; it may be continuous or intermittent depending on the severity of the contamination when treatment is begun, and the retention time in the system.

FOR CONTROL OF BACTERIA

Add 0.01-0.1 pound to 1000 gallons or 1-12 ppm Slimicide 508 based on the flow rate through the system, depending on the severity of contamination.

INTERMITTENT METHOD

INITIAL DOSE: When the system is noticeably fouled, add 0.05 to 0.1 pound to 1000 gallons or 6-12 ppm Slimicide 508. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 0.025-0.1 pound to 1000 gallons or 3-12 ppm Slimicide 508 intermittently as needed to maintain control.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

(Directions for use continued on right panel.)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CAUSES SEVERE BURNS OF EYES

EYE CONTACT MAY CAUSE LOSS OF VISION

MAY BURN THE SKIN. MAY BE HARMFUL

OR FATAL IF SWALLOWED.

Do not get in Eyes, on Skin, or on Clothing

Chemical Workers' Goggles Must Be Worn
When Handling

Do not inhale vapor or fumes.

ENVIRONMENTAL HAZARDS

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 of container and equipment or disposal of wastes. Apply this pesticide only as specified on this label.

KEEP CONTAINER COVERED

PROTECT FROM FREEZING

DO NOT STORE AT

ELEVATED TEMPERATURES

BETZ

slimicide 508

LIQUID SLUG AGENT

Contents: LIQUID

Active Ingredient:

2, 2-dibromo-3-nitrilopropionamide 20.0%

Inert Ingredients*: 80.0%

*Inert ingredients include solubilizing and dispersing agents.

EPA Reg. No. 3876-95

WEIGHT PER GALLON OF PRODUCT

10.6 Pounds (60F)

NET WEIGHT AND VOLUME

As Marked on Container

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

In case of contact with skin, wash well with soap and water.

In case of contact with eyes, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.

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

Wash thoroughly after handling. Remove and wash contaminated clothing before reuse.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, add 0.05-0.1 pound to 1000 gallons or 6-12 ppm Slimicide 508 continuously to the system.

SUBSEQUENT DOSE: When microbial control is evident, pump a continuous feed of 0.012-0.05 pound to 1000 gallons or 1-6 ppm Slimicide 508 to the system.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

FOR CONTROL OF FUNGI AND ALGAE

Add 0.3-0.98 pound to 1000 gallons or 36-118 ppm Slimicide 508 based on the flow rate through the system, depending on the severity of contamination.

INTERMITTENT METHOD

INITIAL DOSE: When the system is noticeably fouled, add 0.5-0.98 pound to 1000 gallons or 60-118 ppm Slimicide 508 to the system. The minimum treatment interval should be 15 minutes. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 0.3-0.98 pound to 1000 gallons or 36-118 ppm Slimicide 508 to the system daily or as needed to maintain control. The minimum treatment interval should be 15 minutes.

AIR WASHERS

For use only in industrial air washer systems that maintain effective mist eliminating components.

BETZ Slimicide 508 controls slime forming bacteria and fungi in industrial air washer systems. Add 0.0015 gal (0.016 lb) to 0.095 gal (1.0 lb) Slimicide 508/1000 gal of water in the system, depending upon the severity of contamination.

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add 0.003 gal (0.032 lb) to 0.095 gal (1.0 lb) Slimicide 508/1000 gal of water to the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 0.0015 gal (0.016 lb) to 0.047 gal (0.5 lb) Slimicide 508/1000 gal of water in the system every 2 days or as needed to maintain control.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD

INITIAL DOSE: When the system is noticeably fouled, add 0.003 gal (0.032 lb) to 0.095 gal (1.0 lb) Slimicide 508/1000 gal of water in the system.

SUBSEQUENT DOSE: Maintain this level by pumping a continuous feed 0.0015 gal (0.016 lb) to 0.047 gal (0.5 lb) Slimicide 508/1000 gal of water in the system per day.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

METAL-WORKING CUTTING FLUIDS CONTAINING WATER

This product is effective in metalworking fluid concentrates which have been diluted in water at ratios of 1:100-1:4.

For controlling (or inhibiting) the growth of bacteria, fungi, and yeasts that may deteriorate metalworking fluids containing water, add Slimicide 508 to the fluid in the collection tank. Additions should be made with a metering pump.

INITIAL OR SLUG METHOD: When the system is noticeably fouled, add 0.25 gal (2.65 lbs) Slimicide 508/1000 gal of metalworking fluid to the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, add 0.1 gal (1.06 lbs) to 0.2 gal (2.12 lbs) Slimicide 508/1000 gal of metalworking fluid per day, or as needed to maintain control. Additions can be made continuously or intermittently. Slug the system as required.

ENHANCED OIL RECOVERY SYSTEMS

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 1-80 ppm Slimicide 508 (0.1 gal or 1.06 lbs to 6.4 gal or 67.8 lbs Slimicide 508 per 2400 barrels of water) depending on the severity of contamination. Additions should be made with a metering pump either continuously or intermittently.

CONTINUOUS FEED METHOD

When the system is noticeably fouled, add 10-80 ppm Slimicide 508 (0.8 gal or 8.48 lbs to 6.4 gal or 67.8 lbs Slimicide 508 per 2400 barrels of water) continuously until the desired degree of control is achieved. Subsequently, treat with 1-15 ppm Slimicide 508 (0.1 gal or 1.06 lbs to 1.2 gal or 12.72 lbs Slimicide 508 per 2400 barrels of water) continuously or as needed to maintain control.

INTERMITTENT OR SLUG METHOD

When the system is noticeably fouled, or to maintain control of the system, add 10-80 ppm Slimicide 508 (0.8 gal or 8.48 lbs to 6.4 gal or 67.8 lbs Slimicide 508 per 2400 barrels of water) intermittently for 4-8 hours per day, and from 1-4 times per week or as needed depending on the severity of contamination.

Addition of Slimicide 508 may be made at the free water knockouts, before or after the injection pumps and injection well headers.

NOTE: For control of bacteria, yeast, and fungi in aqueous solutions of biopolymer used in flooding operations, add 15-80 ppm Slimicide 508 (1.2 gal or 12.72 lbs to 6.4 gal or 67.8 lbs Slimicide 508 per 2400 barrels of water). Additions of Slimicide 508 should be made with a metering pump IMMEDIATELY after preparation of the aqueous biopolymer solution to prevent loss of viscosity.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal! Open dumping is prohibited. Do not reuse empty container.

Pesticide or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

Triple rinse the container or equivalent method before sending to drum conditioner or destroying by perforation or crushing and burying in a safe place. Consult Federal, state or local authorities for approved alternative procedures.

FOR INDUSTRIAL USE ONLY

Technical advice regarding specific site problems is available from BETZ.

ACCEPTED
3876-95
APR 1 1980

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
UNDER NO.