BETZ®

slimicide 508

SLIME CONTROL AGENT

Contents: LIQUID

Active Ingredient:	
2, 2-dibromo-3-nitrilopropionamide	20.0%
Inert Ingredients*	80%

*Inert ingredients include solubilizing and dispersing agents

U.S. Reg. No. 3876-95
WEIGHT PER GALLON OF PRODUCT
10.6 Pounds @60F

NET WEIGHT AND VOLUME
As Marked on Container

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Causes severe burns of eyes. May burn the skin. May be harmful or fatal if swallowed.
Do not get in eyes, on skin or clothing. Wear chemical workers' goggles when handling.
Do not inhale vapor or fumes.

FIRST AID

In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention. In case of skin contact, wash with soap and plenty of water. Wash contaminated clothing before reuse.

If swallowed, induce vomiting by sticking fingers down the throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. Call a physician. Never give anything by mouth to an unconscious person.

WASH THOROUGHLY AFTER HANDLING.

ENVIRONMENTAL HAZARDS

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. This product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

DIRECTIONS FOR USE

NOTE: Add Slimicide 508 SEPARATELY to the system. Do NOT mix it with other additives, in order to avoid decomposition of Slimicide 508 due to the high pH of many additive formulations.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

Add Slimicide 508 to the basin (or any other point of uniform mixing). Addition should be made continuous or intermittent, depending on the severity of the contamination when treatment is begun, and the retention time in the system.

Optimum performance with this product is attained by continuous or intermitten treatment. If "shock" treatment is used, the blowdown should be discontinued for 24-48 hrs.

FOR CONTROL OF BACTERIA

Add 0.00095 gal (or 0.01 lb) to 0.0095 gal (0.1 lb) Slimicide 508/1,000 gal of water to the system, depending on the severity of contamination.

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled, add 0.0048 gal (0.05 lb) to 0.0095 gal (0.1 lb) Slimicide 508 1,000 gal of water in the system. Repeat until control is achieved.

SUBESEQUENT DOSE: When microbial control is evident, add 0.0024 gal (0.025 lb) to 0.0095 gal (0.1 lb) Slimicide 508 1,000 gal of water in the system every 4 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 0.0048 gal (0.05 lb) to 0.0095 gal (0.1 lb) Slimicide 508/1,000 gal of water to the system.

SUBSEQUENT DOSE: Maintain this level by pumping a continuous feed of 0.00048 gal (0.005 lb) to 0.0048 gal (0.05 lb) Slimicide 508/1,000 gal of water in the system per day.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

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FOR USE

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FOR CONTROL OF ALGAE

Add 0.029 gal (0.3 lb) to 0.095 gal (1.0 lb) Slimicide 508 1,000 gal of water in the system depending on the severity of contamination.

INTERMITTENT OR SLUG METHOD

INITIAL DOSE: When the system is noticeably fouled add 0.048 gal (0.5 lb) to 0.095 gal (1.0 lb) Slimicide 508 1,000 gal of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE: When algal control is evident, add 0.029 gal (0.3 lb) to 0.095 gal (1.0 lb) Slimicide 508 1,000 gal of water in the system daily, 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 0.048 gal (0.5 lb) to 0.095 gal (1.0 lb) Slimicide 508 1,000 gal of water to the system.

SUBSEQUENT DOSE: Maintain this treatment level by pumping a continuous feed of 0.029 gal (0.3 lb) to 0.095 gal (1.0 lb) Slimicide 508 1,000 gal of water in the system per day.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

AIR WASHERS

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 1,000 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 1,000 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 1,000 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 1,000 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 1,000 gal of water in the system per day.

BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

METAL WORKING 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 lb) Slimicide 508 1,000 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 lb) to 0.2 gal (2.12 lb) Slimicide 508 1,000 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 lb to 6.4 gal or 67.8 lb 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 lb to 6.4 gal or 67.8 lb Slimicide 508 per 2400 barrels of water) continuously until the desired degree of contol is achieved. Subsequently, treat with 1-15 ppm Slimicide 508 (0.1 gal or 1.06 lb to 1.2 gal or 12.72 lb 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 lb to 6.4 gal or 67.8 lb 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 lb to 6.4 gal or 67.8 lb 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 reuse empty container. Send to drum reconditioner, or destroy by perforating or crushing and bury in a safe place.

FOR INDUSTRIAL USE ONLY

Technical advice regarding specific site problems is available from BETZ.

BLC531 7/90

M FREEZING

BETZ Laboratories, Inc. / TREVOSE, PENNSYLVANIA / 19047