

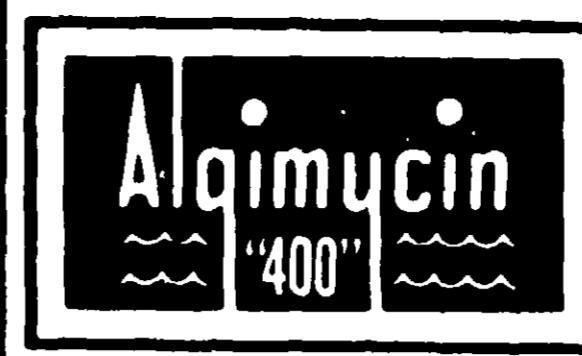
ACCEPTED
7364-23
August 22, 1976

AN EFFECTIVE ALGICIDE for swimming pools

- **ALGIMYCIN** "400" is a complex formulation of compounds designed to control most algae found in swimming pools.
- **ALGIMYCIN** "400" is algicidal for "green" and "black" algae as well as most other types of algae commonly found in pools. It also remains effective with a long-lasting residual that prevents the re-growth (algistatic) of algae which continually infest pool water.
- **ALGIMYCIN** "400" is a unique formula which does its job efficiently and has no undesirable side effects.
 - No foaming
 - No staining
 - Does not dissipate rapidly
 - Does not add metals to the water

• AVAILABLE PACKAGE

1 qt. poly bottle	5 gal. poly pail/spout
4 bottles/case	
6 cases/master	55 gal. poly-lined steel drum



**TWO-PHASE
LIQUID
ALGICIDE**



**Great Lakes
Biochemical**

co., Inc.

6120 W. Douglas Ave.
Milwaukee, Wis. 53218
Phone (414) 464-1200

TECHNICAL INFORMATION

• CHEMICAL COMPOSITION

ACTIVE INGREDIENTS

Poly [oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride] 30.0%

Simazine [2-chloro-4, 6-bis (ethylamino)-s-triazine] 3.5%

INERT INGREDIENTS 66.5%

TOTAL 100.0%

• PHYSICAL FORM

ALGIMYCIN™ 400 is a two-phased liquid suspension which rapidly dissolves completely in the pool water when applied according to directions.

• STABILITY

ALGIMYCIN™ 400 may be stored at room temperatures in closed containers for long periods of time. Temperatures near and below freezing should be avoided. Freezing, however, does not adversely affect the quality of the product. If frozen, slowly warm to room temperature before using the product.

• COMPATIBILITY

ALGIMYCIN™ 400 is compatible with most common disinfectants and other chemicals used to treat swimming pool water such as chlorine, bromine, iodine, soda ash, muriatic acid, sodium bisulfate, etc.

• EFFECTIVENESS

ALGIMYCIN™ 400 in field and laboratory tests has proved to be an effective algicide (kills algae) and an algistat (prevents growth). In tests submitted to the Environmental Protection Agency in support of the registration of ALGIMYCIN™ 400 (EPA Reg. No. 7364-23-AA) it effectively killed and prevented the growth of "black" algae at recommended levels of use.

The results showed that ALGIMYCIN™ 400 was *algistatic* at a level of 3 ppm against "black" algae (strain Wis #1093). The label recommends 3 to 6 ppm **TO MAINTAIN A POOL FREE OF VISIBLE ALGAE GROWTH**.

The tests also showed that ALGIMYCIN™ 400 will kill (algicidal) at a rate of 12 ppm. The label recommendation **FOR POOLS WITH ESTABLISHED ALGAE** is 12 to 18 ppm.

The information and data contained herein are believed to be correct. The recommendations and suggestions for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, express or implied, is made as to the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage resulting from its misuse as such, or in combination with other materials. No statement is to be construed as violating any copyright or patent.

OTHER PRODUCT INFORMATION

GREAT LAKES BIOCHEMICAL CO., INC. manufactures a broad line of specialty chemicals. Write for price and catalog sheets.

ALGIMYCIN™ 400
OXY-BRITE
SEQUA-SOL
SUPER SEQUA-SOL
TLC
FILTER-CLEANSE
KEEP-N-HEET
ALGIMYCIN™ PLL
ALGIMYCIN™ PLL-C
SLOW RELEASE
ALGIMYCIN™ PLL-C
HYPO-CLEAN
ALGIMYCIN™ (gib-x)
MONO-FILM ERE
MONO-FILM C
GLB BRAND MC-4
GLB BRAND
META-PHOS
YARDARM™ CLEANER
& SEALER
MICRO-ZYME

QUESTIONS ABOUT



ACCEPTED
7364-23
August 27, 1974
U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C. 20535

1. What is ALGIMYCIN "400" and what does it do?

ALGIMYCIN "400" is a two-phase liquid algicide that is both algicidal and algistatic and is effective against most algae commonly found in swimming pools, especially "black" and "mustard" algae.

2. Why should ALGIMYCIN "400" be used?

Algae are persistent forms of plant life that continually infest pool waters. Their presence is indicated by color (green, yellow or black), by slippery green or stubborn black growing patches and very often by an unpleasant odor. Not only are algae in swimming pool water unpleasant, but they are chlorine-consuming and make it difficult to maintain effective residuals for disinfection.

3. Why is ALGIMYCIN "400" required if chlorine is being used?

Chlorine, a germicide, in the normal amounts used in swimming pools, will not kill many types of algae effectively. Even the large dosages of chlorine (superchlorination) will not destroy stubborn "black" algae which have become attached to the sides and bottom of the pool. ALGIMYCIN "400" is an algicide made specifically to control these and other resistant algae.

4. Is ALGIMYCIN "400" easy to use?

Yes. Use the ounce markings on the side of the bottle for accurate measurement. Simply mix the required amount of ALGIMYCIN "400" into a bucket of water or a sprinkling can. To distribute the solution uniformly through the pool, pour while slowly walking around the edge. SHAKE WELL BEFORE USING.

5. When should ALGIMYCIN "400" be used?

Anytime. But since the fresh water supply may already contain algae, the best time for the first treatment is when the pool is being filled. This assures an algae-free pool right from the start. If the same pool water is used from one season to the next, add ALGIMYCIN "400" when first getting the pool ready for the swimming season. ALGIMYCIN "400" is effective at any and all times.

6. Will the recommended treatment with ALGIMYCIN "400" take care of fresh water added to the pool?

Yes. The dosages recommended on the label are calculated to take care of normal additions of make-up water. However, where there is excessive make-up water as a result of leaks or splash-out, additional dosages may be necessary. Where there are established algae in the pool, initial treatments are required until the algae have been destroyed. Remove dead settled algae by vacuuming.

7. May ALGIMYCIN "400" be used when other chemicals are present in the pool?

Never mix concentrated ALGIMYCIN "400" with other concentrated pool chemicals such as liquid or dry chlorine acid or alkali. When properly diluted in the pool, however, ALGIMYCIN "400" is compatible with those chemicals normally used to treat pools and will not affect any change in the chemical composition of the water.

8. Will ALGIMYCIN "400" have any effect on pool filters?

Yes. ALGIMYCIN "400" helps keep swimming pool filters clean and free-flowing. When algae are present, filters become clogged with an algal slime which blocks filtration. ALGIMYCIN "400" helps prevent the accumulation of algae in filters and thus assures longer filtration runs without the need for frequent backwashing.

9. Will ALGIMYCIN "400" work as well in hot climates as in cool ones?

Yes. ALGIMYCIN "400" is stable even in tropical climates where the water is subjected to the intense heat of the sun all day, a condition which causes substantial chlorine-loss. ALGIMYCIN "400" is non-volatile.

10. Is ALGIMYCIN "400" effective for indoor as well as outdoor pools?

Yes. Algae can and do grow well in artificial light, especially at relatively high temperatures. Examination of filters from indoor pools has shown that they also become clogged with algae. Since ALGIMYCIN "400" keeps filters algae free, even in indoor pools, its use results in longer filtration runs and much less backwashing.

11. Does ALGIMYCIN "400" have any undesirable effects when added to swimming pool water?

No. It does not foam or stain. ALGIMYCIN "400" does not dissipate readily or add metals to the water.

12. Is ALGIMYCIN "400" a registered algicide?

ALGIMYCIN "400" is manufactured in a modern plant under the strictest conditions of quality control. ALGIMYCIN "400" is registered by the Environmental Protection Agency (EPA Reg. No. 7364-23) under the Federal Insecticide, Fungicide and Rodenticide Act for the use specified on the label, as well as in all states where registration is required.

13. In what size containers is ALGIMYCIN "400" available?

ALGIMYCIN "400" is available in one-quart poly bottles packed four to a case and six cases to a master container, in five gallon poly pails with pouring spout, for use in large public and club pools and by pool servicemen, and in 55 gallon poly-lined steel drums.

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Q&A/400/76-2