

PM 32 46978-4

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 28 1991

McGrayel Company
3386 South Maple Avenue
P.O. Box 12362
Fresno, CA 93777-2362

Attn: Virginia Peterson

Subject: Algatec Concentrate
EPA Registration No. 46978-4
Your Resubmission of October 15, 1991

The submission noted above which involves a label revised according to EPA's deficiency letter of October 10, 1991 for your amendment request of September 11, 1991 to add a winterizing claim for swimming pools to the subject label, has been reviewed and the following comments apply.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy is enclosed for your records. Five copies of the finished labeling must be submitted before you release the product for shipment.

1. In the second sentence of the label under the heading "Summer Care", delete the word "ozone".
2. Submit to EPA a copy of the "Cleanup Tips" Watergram referred to in the use directions on the label for review and inclusion in the product file.

If you should have any questions concerning this letter, you may call Robert Travaglini on (703) 557-6909.

Sincerely,

Ruth G. Douglas
Acting Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7504C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE	OCT 28 1991						

FOR OUTDOOR POOLS, SPAS, AND FOUNTAINS ✓

Algatec Algatec Algatec AlgatecTM CONCENTRATE

KEEP OUT OF REACH OF CHILDREN
CAUTION: (SEE SIDE PANEL FOR OTHER CAUTIONS)



SUMMER CARE

- KILLS AND INHIBITS BLACK, YELLOW AND GREEN ALGAE ✓
- EASIEST WAY TO KEEP WATER CLEAR ✓
- SYNERGIZING ACTION WITH CHLORINE AND BROMINE ✓
- NO WAIT. SWIM AFTER ADDING ALGATEC ✓



WINTER CARE

- WINTER TREATMENT WITH JUST ALGATEC ✓
- GREAT FOR "UNCOVERED" AND "COVERED" POOLS ✓
- KEEPS POOL CLEAR, AND CONTROLS ALGAE GROWTH ALL WINTER ✓
- REDUCES SPRING CLEANUP HASSLES ✓

ACTIVE INGREDIENT: Poly[oxyethylene(dimethyliminol) ethylene(dimethyliminol) ethylene dichloride] 39.0%
INERT INGREDIENT 70.0%
This product contains 2.67lb of active ingredient per gallon and weighs 8.9lb per gallon.

64 Fl. Oz. (2 Qts.) 1.89 Liters

EPA REG NO 46978-4

Algatec™ FOR EASIER TO MAINTAIN OUTDOOR POOL & SPA WATER YEAR-ROUND

3043

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

SUMMER CARE

Algatec's polymers effectively remove and control a broad spectrum of green, blue-green, yellow and black type algae in recreational water. Algatec's formula also improves water quality. And, Algatec has a synergy action with chlorine, bromine and ozone. Algatec is compatible with these chemicals, and other scale inhibitors and metal-ion metal based algaecides normally used to treat swimming pools and spas.

BEFORE YOU START - The most effective use of Algatec to remove and control green, yellow, and black algae growths in outdoor swimming pools, spas, and fountains is achieved when pool equipment (i.e. pump, filter, skimmer, and heater) has been checked and is working properly. If needed, backwash filter, following proper procedure for your pool's filter. Then, using pH test kit according to its instructions, test water pH and balance to between 7.2 and 7.6. Next, test chlorine (or other sanitizer) level in water and add product to maintain treatment residual as recommended by product.

POOL/SPA SIZE (U.S. GALS.)	SWIM SEASON		WEEKLY DOSAGE (FOR MAINT.)
	INITIAL DOSAGE CLEAN	VISIBLE ALGAE	
500	1/2 TO 1 OUNCE	1/2 TO 2 OUNCES	2 1/2 TO 4 OUNCES
10,000	1/2 TO 1 QUART(S)	1/2 TO 1 QUART(S)	4 TO 8
20,000	1/2 TO 1 1/2	1 1/2 TO 2	8 TO 16
25,000	1 1/2 TO 2	1 1/2 TO 3	10 TO 20

USING ALGATEC - For maximum effectiveness, swimming pools, spas and fountains containing heavy growth of algae should be cleaned (to remove excess debris, leaves, etc.) prior to using Algatec. Then, add correct Algatec dosage (for visible algae) directly to pool or spa water (along water edge or deep end of pool). Use maximum "visible algae" dosage for removal of yellow or black type algae. Superchlorination (or shocking treatments) further enhances Algatec's removal of algae. Continue to operate recirculating pump during algae cleanup period to ensure thorough distribution and maximum effect. Brush dead algae off pool walls and surfaces so it can be effectively filtered away. Repeat Algatec dosage to remove any additional algae growths. **CLEANUP TIPS:** Brush to loosen all yellow algae from pool walls and wire brush black algae frequently. Greyish-white discoloration of black algae in 7 to 14 days indicates start of effective control. Later adding Algatec weekly maintenance dosage not only insures thorough algae control but provides easier maintenance of pool & spa water. For additional cleanup guidelines, refer to "Cleanup Tips Watergram" attached to Algatec bottle advertiser.

WINTER CARE

This Fall Algatec can keep your pool water treated until Spring. Using Algatec throughout the non-swimming season not only controls algae growth in pool water. It also allows a quicker start-up in the Spring. Fall pool care with Algatec is easy, and provides very effective protection throughout the Winter months.

At the end of the swim season (Oct. - Nov.) when water temperature has dropped below 70°F, add the correct Algatec "initial dosage" for your pool size. For **uncovered pools**, follow with maintenance dosage every (2) months until swim season. For **covered pools**, add "initial dosage" only. Swimming pools with visible algae should follow Summer cleanup method before winterizing. For best results, adjust water pH between 7.4 and 7.6 (resulting in alkalinity level should be in the 75 to 150 ppm range). Further pH adjusting with Algatec Winterizer is seldom needed as long as pH remains between 7.2 and 8.5. Also, excess leaves and debris as it accumulates in pool basin. Winter treatment of

POOL/SPA SIZE (U.S. GALS.)	WINTER TREATMENT (LAYOUT)			
	"WITHOUT" POOL COVER		"WITH" POOL COVER	
	INITIAL DOSAGE CLEAN	VISIBLE ALGAE	MAINT. DOSAGE EVERY 2 MOS	"WITH" POOL COVER
10,000	1/2 QUART(S)	1 1/2 QUART(S)	1/2 QUART(S)	1/2 QUART(S)
20,000	1 1/2	2 1/2	1	1 1/2
25,000	2	3	1 1/2	2

clean pools with Algatec usually eliminates sanitizer usage and reduces pool testing during this non-use period. For additional guidelines for Winter pool treating, refer to "Cleanup Tips Watergram".

In general, Algatec is compatible with those chemicals normally used to treat pools and spas and is effective at both acid and alkaline pH. Do not mix Algatec with concentrated dry or liquid chlorine products. Algatec does not change water pH and is non-staining and non-foaming. Swimmers can use pool or spa immediately after treatment.

We are very proud of Algatec. If we can help you in any way, please call or write customer services toll-free 24 hours at 1-800-289-7660. Outside Continental US call 1(209) 299-7660.

Manufactured and Marketed by **McGRAYEL COMPANY, Pool Care Division**, P.O. Box 12362, Fresno, CA 93777-2362. EPA EST. NO. 46978-CA-0

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes and clothing.

FIRST AID: If swallowed, drink large quantities of water. Do not induce vomiting. Avoid alcohol. Call a physician immediately.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Keep out of lakes, streams, and ponds. Permits may be required for discharges containing this pesticide into lakes, ponds and public water. For guidance, contact the regional office of the Environmental Protection Agency.

STORAGE: Keep container closed when not in use. Leaking or damaged containers should be placed in a plastic bag and discarded in trash. Mop up spills with clear water. All pesticides should be kept out of reach of children and stored away from food.

DISPOSAL: Do not reuse empty container. Wrap container and place inside trash.



ACCEPTED
with COMMENTS
in EPA Label Dates

OCT 28 1991

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this pesticide is registered under EPA Reg. No.

46978-4