

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 7 1997

Amato Industries, Inc.  
9120 Talbot Avenue  
Silver Spring, Maryland 20910

Attention: Mr. Joe Amato, III

Subject: AM-Chlor  
EPA Registration Number 36118-20002  
Your Letter Dated April 17, 1997

This is in response to your request to amend the registration of the subject product to include label revisions under the heading Swimming Pool Water Disinfection, per changes of new health department regulations increasing the allowable residual in public swimming pools.

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. One copy of the finished labeling must be submitted prior to releasing the product for shipment. A draft stamped copy is enclosed for your records.

Under the heading "Swimming Pool Water Disinfection", change the statement "Pool should be maintained....." to read; "Pool should be maintained between 0.6 to 1.00 ppm" on front panel.

If you have any questions concerning this letter, please contact LaVerne Dobbins at (703) 308-6378.

Sincerely,

Robert S. Brennis  
Acting Product Manager 32  
Antimicrobial Program Branch  
Registration Division (7504C)

CONCURRENCES							
SYMBOL	B05W	B05W					
SURNAME	PNO	JW					
DATE	5/8/97	5/7/97					

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# AMCHLOR

## SODIUM HYPOCHLORITE SOLUTION

### UN-1791

ACTIVE INGREDIENT: SODIUM HYPOCHLORITE... 10%  
 INERT INGREDIENTS... 90%

DISINFECTANT BACTERICIDE DEODORANT  
 FOR  
 SWIMMING POOLS, COMMERCIAL LAUNDRIES,  
 HOTELS, RESTAURANTS

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

**FIRST AID:** If on skin, wash with plenty of soap and water. If in eyes, flush with water for at least 15 minutes. Get medical attention. If swallowed, drink large quantities of milk, or gelatin solution or, if these are not available, drink large quantities of water. Do not give vinegar or other acids. Do not induce vomiting. Get proper medical attention.  
 See additional precautions on side panel.

IT IS A VIOLATION OF FEDERAL LAW TO USE  
 THIS PRODUCT IN A MANNER INCONSISTENT  
 WITH ITS LABELING

DISTRIBUTED BY  
 AMCHLOR CORPORATION  
 POOL CHEMICAL DIVISION OF AMATO INDUSTRIES  
 9130 TALBOT AVENUE  
 SILVER SPRING, MD 20910  
 301-895-3220  
 1-800-89-AMATO

EPA REG. NO. 36118-2802 EPA EST. NO. 36118-MD-01

NET CONTENTS: 5-15-99-199 GALLONS

Amato Industries  
 Part #: Amato Amchlor  
 Size: 11" x 806"  
 Prints: black text on white vinyl

UMS  
 # 506069

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS**  
**AND DOMESTIC ANIMALS**

**CAUTION:** Contact may cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not discharge into lakes, streams, ponds or public waterways unless in accordance with a NPDES permit. For guidance, contact the regional office of the U.S. Environmental Protection Agency.

**PHYSICAL OR CHEMICAL HAZARDS**

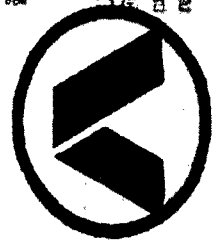
**STRONG OXIDIZING AGENT:** Mix only with water according to label directions. Using this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

**NOTE:** This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

**STORAGE AND DISPOSAL**

Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or residues that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse container but place in trash collection. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

APPROVED BY USDA  
 with COMMENTS  
 in EPA Letter Dated:  
 MAY 7 1997



Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 36118-2802  
*36118-2802*

**SWIMMING POOL WATER DISINFECTION**  
 For a new pool or spring start-up, superchlorinate with 52 to 104 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Adjust and maintain pool water pH to between 7.2 to 7.6. Adjust and maintain the efficiency of the pool to between 80 to 100 ppm.

To maintain the pool, add manually or by a feeder device 11oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 0.8 to 1.0 ppm by weight. Pool should be maintained between 0.8 to 1.0 ppm depending on local area regulations. Please be aware of these regulations. Stabilized pools should maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual and alkalinity of the water frequently with appropriate test kits. Frequency of water treatment will depend upon temperature and number of swimmers.

Every 7 days, or as necessary, superchlorinate the pool with 52 to 104 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not re-enter pool until the chlorine residual is between 1.0 to 3.0 ppm.

At the end of the swimming pool season or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

**STARTUP/SHOCK POOLS:** While water is still clear and clean, apply 3 oz. of product per 1000 gallons, while filter is running, to obtain a 3 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for water by following manufacturer's instructions.

**SPAS, HOT-TUBS, IMMERSION TANKS, ETC.**  
**SPAS/HOT-TUBS:** Apply 3 oz. of product per 1000 gallons of water to obtain a free available chlorine concentration of 8 ppm, as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.6. Some oils, lotions, fragrances, shampoos, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product.

**COMMERCIAL LAUNDRY SANITIZERS**  
 Wet fabrics or clothes should be spun dry prior to sanitization. Thoroughly mix 2 oz. of this product with 10 gallons of water to yield 200 ppm available chlorine. Promptly after mixing the sanitizer add the solution into the prewash prior to washing fabric/clothes in the regular wash cycle with a good detergent. Test the level of available chlorine. If solution has been allowed to stand, add more of this product if the available chlorine level has dropped below 200 ppm.

**DISINFECTANT**  
 For disinfection of hard, non-porous surfaces such as floors, walls and woodwork, add 3 oz. of product to 5 gallons of water for 600 ppm available Cl2. Thoroughly wet surfaces with the recommended solution for at least 10 minutes. Do not rinse after treatment.