

36118-20002

4/23/2014

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Ms. Sherri Gray  
Regulatory Consultant to Amchlor Corporation  
c/o Environmental Consulting Inc.  
15616 Plain Dealing Place  
Manassas, VA 20112

APR 23 2014

Subject: **Amchlor**

EPA Registration No. 36118-20002  
Application Date: January 8, 2014  
Receipt Date: January 13, 2014

Dear Ms. Gray:

The Agency has reviewed your submission in accordance with continuing registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, and has determined the action is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its' implementing regulation at 40 CFR 152.3.

A copy of your stamped label and accepted label is enclosed. If you have any questions or comments with regard to this Agency letter, please contact Nathan Mottl via email at [mottl.nathan@epa.gov](mailto:mottl.nathan@epa.gov) or by telephone at 703-305-0208.

Sincerely,

A handwritten signature in black ink, appearing to read "Demson Fuller", written over a horizontal line.

Demson Fuller  
Product Manager Team 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

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**ACCEPTED**  
**APR 23 2014**  
 Under the Federal Insecticide, Fungicide, and  
 Rodenticide Act as amended, for the  
 pesticide, registered under  
 EPA Reg. No. **36118-20002**

**AMCHLOR**  
**SODIUM HYPOCHLORITE SOLUTION**  
**UN-1791**

ACTIVE INGREDIENT: SODIUM HYPOCHLORITE.....12.5%  
 OTHER INGREDIENTS.....87.5%  
 TOTAL.....100.0%

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

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

FIRST AID	
IF IN EYES	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF SWALLOWED	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF INHALED	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.	

(See additional precautions on side panel)

Distributed by:  
 Amchlor Corporation  
 Pool Chemical Division of Amato Industries  
 9120 Talbot Avenue  
 Silver Spring, MD 20910  
 301-565-3220  
 1-800-99-AMATO  
 703-534-1400

EPA REGISTRATION NO. 36118-20002  
 EPA ESTABLISHMENT NO. 36118-MD-01

Net Contents:  5 gallons  15 gallons  55 gallons

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

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear such as goggles, face shield, or safety glasses. Harmful if swallowed or inhaled. Avoid breathing vapors. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirement of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS**

**STRONG OXIDIZING AGENT:** Mix only with water according to label directions. Mixing 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.

Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

**DIRECTIONS FOR USE**

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

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

**SWIMMING POOL WATER DISINFECTION**

For a new pool or spring start-up, superchlorinate with 50 to 93 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 alkalinity of the pool to between 50 to 100 ppm.

To maintain the pool, add manually or by a feeder device 32 oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 2.0 to 4.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 4.0 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 50 to 93 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 reenter pool until the chlorine residual is between 1.0 to 4.0 ppm.

At the end of the swimming pool season or when water is 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.

**SPAS, HOT-TUBS, IMMERSION TANKS, ETC.**

**SPAS/HOT-TUBS:** Apply 5 oz. of product per 1,000 gallons of water to obtain a free available chlorine concentration of 5 ppm, as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.8. Some oils, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product.

To maintain the water, apply 5 oz. of product per 1,000 gallons of water over the surface to maintain a chlorine concentration of 5 ppm.

After each use, shock treat with 7 oz. of this product per 500 gallons of water to control odor and algae. Do not reenter pool until the chlorine residual is between 1.0 to 5.0 ppm.

During extended periods of disuse, add 3 oz. of product daily per 1,000 gallons of water to maintain a 3 ppm chlorine concentration.

**WINTERIZING POOLS:** While water is still clear and clean, apply 3 oz. of product per 1,000 gallons, while filter is running, to obtain 3 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for winter by following manufacturers' instructions.

**DISINFECTANT**

For disinfection of hard, inanimate surfaces such as floors, walls, and sealed woodwork, add 2.5 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.

**DISINFECTION OF DRINKING WATER (EMERGENCY/PUBLIC/INDIVIDUAL SYSTEMS)**

**PUBLIC SYSTEMS-** Mix a ratio of 1 fl.oz. of this product to 100 gallons of water. Begin feeding this solution with a hypochlorinator until a free available chlorine of at least 0.2 ppm and no more than 0.6 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations; Contact your local Health Department for further details.

**INDIVIDUAL SYSTEMS: DUG WELLS** - Upon completion of the casing (lining) wash the interior of the casing (lining) with a 100 ppm available chlorine solution using a stiff brush. This solution can be made by thoroughly mixing 1fl.'oz. of this product into 10 gallons of water. After covering the well, pour the sanitizing solution into the well through both the pipe sleeve opening and the pipeline. Wash the exterior of the pump cylinder also with the sanitizing solution. Start pump and pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from the water. Consult your local Health Department for further details.

**INDIVIDUAL WATER SYSTEMS: DRILLED, DRIVEN & BORED WELLS** -Run pump until water is as free from turbidity as possible. Pour a 100 ppm available chlorine sanitizing solution into the well. This solution can be made by thoroughly mixing 1 fl.oz. of this product into 10 gallons of water. Add 5 to 10 gallons, of clean, chlorinated water to the well in order to force the sanitizer into the rock formation. Wash the exterior of pump cylinder with the sanitizer. Drop pipeline into well, start pump and pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from the water. Deep wells with high water levels may necessitate the use of special methods for introduction of the sanitizer into the well. Consult your local Health Department for further details.

**INDIVIDUAL WATER SYSTEMS: FLOWING ARTESIAN WELLS** - Artesian wells generally do not require disinfection. If analyses indicate persistent contamination, the well should be disinfected. Consult your local Health Department for further details.

**EMERGENCY DISINFECTION** – When boiling of water for 1 minute is not practical, water can be made potable by using this product. Prior to addition of the sanitizer, remove all suspended material by filtration or by allowing it to settle to the bottom. Decant the clarified, contaminated water to a clean container and add 1 drop of this product to 20 gallons of water. Allow the treated water to stand for 30 minutes. Properly treated water should have a slight chlorine odor, if not, repeat dosage and allow the

water to stand an additional 15 minutes. The treated water can then be made palatable by pouring it between clean containers several times.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal.

For Institutional/Commercial Use:

**STORAGE:** Store in a cool, dry area away from direct sunlight and heat to avoid deterioration. In case of spill, flood area with large quantities of water.

**PRODUCT DISPOSAL:** Products or rinsates that cannot be used must be diluted with water before disposal in a sanitary sewer.

**CONTAINER HANDLING:** Refill this container with Sodium Hypochlorite only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.



Product Listing Number: FDPH.MH46955 (Drinking Water Standard 60)

