



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

October 31, 2012

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Ms. Sherri Gray, Authorized Representative for Amchlor Corporation  
Amchlor Corporation  
9120 Talbot Avenue  
Silver Spring, MD 20910

Subject: Label Amendment Review Results  
Product Name: **Amchlor Sodium Hypochlorite Solution**  
EPA Registration Number: **36118-20002**  
Application Date: August 13, 2012  
Application Receipt: October 19, 2012

Dear Ms. Gray:

This acknowledges receipt of the Label Amendment identified above, submitted pursuant to the provision of the Federal Insecticide, Fungicide, and Rodenticide Act ( FIFRA ), 3 ( c ) 9, as amended.

Proposed Amendment:

Amchlor Corporation is submitting the following Minor Label Changes to **EPA Reg. No. 36118-20002**:

**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.

**STORAGE AND DISPOSAL**

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

**STORAGE:** Store in a cool, dry area away from direct sunlight and heat to avoid deterioration.

In case of a 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 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes.

General Comments:

Based on a review of the material submitted, the following comments apply.

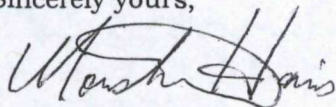
The Amendment Application is **Acceptable**. A copy of the **Accepted** "Amchlor" Label is enclosed for your records. And a copy of this Agency Letter and copy of the **Accepted** "Amchlor" Label have been attached in your file ( **EPA Reg. No. 36118-20002** ) for future reference.

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If you have questions or comments with regard to this Agency Letter, please contact Killian Swift via email at [Swift.Killian@epa.gov](mailto:Swift.Killian@epa.gov) or by telephone at **703-308-6346**. When you are submitting information or data in response to this Agency Letter, send a copy of this Agency Letter to accompany the follow-on submission in order to facilitate processing.

Sincerely yours,



Monisha Harris,  
Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division ( 7510P )

Enclosure: EPA Stamped **Accepted** "Amchlor" Label



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

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. 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, and chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

**ENVIRONMENTAL HAZARDS**

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.

**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 62 to 116 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 40 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 62 to 116 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 6 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 6 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 9 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 4 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 4 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 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.

### 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.

