

1258-1343

9/11/2012

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Reg. Number:  
1258-1343

Date of Issuance:  
SEP 11 2012

Term of Issuance:  
Unconditional

Name of Pesticide Product:  
AW52

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code): **Arch Chemicals, Inc., 5660 New Northside Drive, Suite 1000, Atlanta, GA 30328**

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product (OPP Decision No. 465283) is unconditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Add the phrase "EPA Registration Number 1258-1343"

Signature of Approving Official:

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

Date:

SEP 11 2012

b. P.4 – Delete “Instantly” and “Immediately”. These are considered heightened efficacy claims and are not acceptable (see 40 CFR 156.10(a)(5)(ii)).

c. P.11 - Under “**STORAGE AND DISPOSAL**”, right below heading insert “**Do not contaminate food or feed by storage or disposal or cleaning of equipment.**”

(See PR Notice 2007-4 and Label Review Manual Chapter 13).

Under {*Non-refillable and refillable rigid container- non-household/residential uses*}.

Change subheadings “**Container Disposal**” to “**Container Handling and Disposal**”.

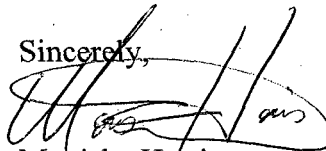
**Under [Refillable rigid container – non-household/residential use]**. Insert “To clean the container before final disposal, fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times. Offer rigid container for recycling if available or reconditioning if appropriate or place in trash.”

Submit promptly three (3) copies of the final printed label with the above noted comments, prior to releasing this product for sale.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



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

Enclosure: (Stamped Labeling with comments)

Note to reviewer:

[All text in brackets [AAA] is optional and may/may not be included on all end-use labels]

{All text in braces {AAA} is for information purposes and will not appear on final label}

# AW52

Active Ingredient: Calcium Hypochlorite .....	56.44%
Other Ingredients .....	43.56%
Total .....	100.00%

[Minimum Available Chlorine ..... 54%]

**KEEP OUT OF REACH OF CHILDREN**

## DANGER

Contamination or improper use may cause intense fire, explosion, or the release of toxic gases. Do not allow product to contact any foreign matter, including other water treatment products. If product is exposed to small amounts of water, it can react violently to produce heat and toxic gases and spatter. Do not mix this product with a small amount of water. Only add directly to your pool. Do not add water to this product. Add only into water. Highly corrosive. Causes skin and eye damage. May be fatal if swallowed.

{Note to reviewer: Although this product has a "Danger" signal word, as per the EPA label review manual "The Agency may permit reasonable variations in the placement of the First Aid statement as long as the reference statement, "See First Aid (or Statement of Practical Treatment) on (identify appropriate panel)" appears on the front panel." If the First Aid Statements are placed on the front panel of the final graphic label, the statement below will not be used :}

Read all Precautionary and First Aid statements on [back] [side] [right] [left] panel before use.

EPA Reg. No. 1258-~~XXX~~ 1343

EPA EST. NO. \_\_\_\_\_ [Superscript Used in Lot Number]

Net Wt. xxx

Sold by:  
Arch Chemicals, Inc.  
P.O. Box 724438  
Atlanta, GA 31139-3547

[HTH®], [Sock It®], [Super Sock It®] and [pH Plus®] [Pulsar®], [DryTec®], [ConstantChlor®], [CCH®] (brand name) are registered trademarks of Arch Chemicals, Inc.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
SEP 11 2012

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

1258-1343

Note to reviewer:

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

**DANGER: Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Irritating to nose and throat.**

- Do not get in eyes, on skin, or on clothing. Do not handle with bare hands. Wear goggles and use rubber gloves. For additional protection of skin, wear long sleeves and long pants.
  - Open in a well-ventilated area. Avoid breathing dust and fumes.
  - 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.
- [Only use utensils that are thoroughly clean and dry.] {For use with resealable packaging.}

**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.

**IN CASE OF EMERGENCY CALL: 1-800-654-6911**

**PHYSICAL and CHEMICAL HAZARDS:**

If product is exposed to small amounts of water, it can react violently to produce heat and toxic gases and spatter. Do not add water to this product. Do not mix this product with a small amount of water. Only add this product directly to your pool water.

- Do not allow to become wet or damp before use.
  - **Can react with other materials, including other water treatment products, to cause intense fire, explosion, and the release of toxic gases.**
  - Keep all foreign matter, including other water treatment products, away from this product.
  - Do not use this product in a floater or feeder that has been used with any other product.
  - Do not allow this product to contact other water treatment products. **Exposure to heat can cause this product to rapidly decompose, leading to intense fire, explosion, and the release of toxic gases.**
  - Store in a cool, dry, well-ventilated area.
- Strong oxidizing agent. This product can increase fire intensity. Keep away from heat and from flame and burning material (like a lighted cigarette).







Note to reviewer:

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

**READ ALL PRECAUTIONARY STATEMENTS BEFORE USE.**

[This product is a concentrated chlorinating agent.] [It is in a dry, free-flowing form.] [It kills bacteria, controls algae and destroys organic contaminants in pools.]

**{SWIMMING POOLS :}**

**[WHY YOU SHOULD USE THIS PRODUCT:** This is an effective, [multi-purpose] [shock] [sanitizer] product that [works quickly] [destroys bacteria and algae] [and] restores crystal clarity to pool water][sanitizes], [clarifies], [helps] prevent[s] [kills] algae and [shock treats your pool]. [It is convenient, easy to use, and won't over-stabilize your pool.][For crystal clean pool water, [the makers of [brand] recommend] {or} [follow] the following [HTH] 4-step pool care program: Step 1: Test and balance water, Step 2: Sanitize, Step 3: Shock at least once a week, and Step 4: Add algaecide as directed.]

**{Sanitizer Directions}**

**{Mass} [WHY YOU SHOULD USE THIS PRODUCT:** This is an effective, multi-purpose sanitizer product that sanitizes, clarifies, and helps prevent algae. It is convenient, easy to use, and won't over-stabilize your pool. For crystal clean pool water, follow the HTH 4-step pool care program: Step 1: Test and balance water, Step 2: Sanitize, Step 3: Shock at least once a week, and Step 4: Add algaecide as directed.]

**{Dealer} [WHY YOU SHOULD USE THIS PRODUCT:** This is an effective, [multi-purpose] [shock] [sanitizer] product that [works quickly] [destroys bacteria and algae] [and] restores crystal clarity to pool water][sanitizes], [clarifies], [helps] prevent[s] [kills] algae and [shock treats your pool]. [It is convenient, easy to use, and won't over-stabilize your pool.]

**{Dealer} [For best results, follow a weekly program with our [brand] System. Consult your authorized [brand] dealer for advice on the system that best suits your pool and your lifestyle.] [Take a pool water sample to your authorized [brand] dealer regularly for a detailed water analysis.] [For crystal clean pool water, follow the [brand] 3 step pool care program: Step 1: Sanitize [It], Step 2: Shock [It] Step 3: Defend [It].]**

**HOW TO USE:** [Do not pre-mix this product before adding it to your pool]. [Only add this product directly to your pool.]

**{When contents are in a resealable container}** [Use only a clean, dry [scoop] lid to measure this product]. [Do not use the [scoop] [lid] for any other purpose.] **{When contents are in a single use bag for use.}** [Use entire contents when opened]. Add the recommended dosage of this product during evening hours while the filter pump is running. When adding this product to your pool, broadcast the product evenly over a wide area in the deepest part of the pool. If any granules settle to the bottom of the pool, use brush to disperse.

**[ROUTINE CHLORINATION:** For best results, see "WATER BALANCE" section before treatment. Throughout the pool season, adjust and maintain pH at 7.2-7.6. [Check available chlorine with [a suitable [BRAND] test kit] [reliable test strips].] [Allow the pH adjusters to dissolve and disperse before adding this product to the pool.]

[Add [4.0 - 10.0 ounces of this product per 10,000 gallons] {or} [2.0 - 5.0 ounces of this product per 5,000 gallons] {or} [0.2 - 0.5 ounces per 500 gallons] of pool water daily or as often as needed to maintain the free available chlorine residual at 4 ppm. Follow "HOW TO USE" directions on this package.]



Note to reviewer:

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[Follow "HOW TO USE" directions to maintain chlorine residual in [a 5000 -10,000 gallon] pool.]

{chart is optional in whole or part based upon gallons for treatment}

[Follow the following dosage recommendations based upon pool size.

Desired Chlorine Residual	Dosage for pool
1-4 ppm	0.2-0.5 ounces per 500 gallons
1-4 ppm	0.4-1.0 ounces per 1,000 gallons
1-4 ppm	2.0-5.0 ounces per 5,000 gallons
1-4 ppm	4.0-10.0 ounces per 10,000 gallons

{charts are optional in whole or part based upon gallons for treatment}

[Dosage for Pools: Follow the following dosage recommendations based upon pool size.

Desired Chlorine level (ppm))	500 Gallons	1,000 Gallons	2,500 Gallons	5,000 Gallons	7,500 Gallons	10,000 Gallons
1	0.2 (oz.)	0.4 (oz.)	1.0 (oz.)	2.0 (oz.)	3.0 (oz.)	4.0 (oz.)
2	0.3 (oz.)	0.6 (oz.)	1.5 (oz.)	3.0 (oz.)	4.5 (oz.)	6.0 (oz.)
3	0.4 (oz.)	0.8 (oz.)	2.0 (oz.)	4.0 (oz.)	6.0 (oz.)	8.0 (oz.)
4	0.5 (oz.)	1.0 (oz.)	2.5 (oz.)	5.0 (oz.)	7.5 (oz.)	10.0 (oz.)

**{Shock Directions}**

**POOL SHOCK TREATMENT:**

{Mass} [WHY YOU SHOULD USE THIS PRODUCT: This is an effective, shock product that works quickly, destroys bacteria and algae and restores crystal clarity to pool water. For crystal clean pool water, follow the following HTH 4-step pool care program: Step 1: Test and balance water, Step 2: Sanitize, Step 3: Shock at least once a week, and Step 4: Add algaecide as directed.]

Note to reviewer:

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{Dealer} [WHY YOU SHOULD USE THIS PRODUCT: This is an effective, [multi-purpose] [shock] [sanitizer] product that [works quickly] [destroys bacteria and algae] [and] restores crystal clarity to pool water][sanitizes], [clarifies], [helps] prevent[s] [kills] algae and [shock treats your pool]. [It is convenient, easy to use, and won't over-stabilize your pool.]

{Dealer} [For best results, follow a weekly program with our [brand] System. Consult your authorized [brand] dealer for advice on the system that best suits your pool and your lifestyle.] [Take a pool water sample to your authorized [brand] dealer regularly for a detailed water analysis.] [For crystal clean pool water, follow the [brand] 3 step pool care program: Step 1: Sanitize [It], Step 2: Shock [It] Step 3: Defend [It].]

Add the recommended dosages of this product while the filter pump is running. Adjust and maintain pH to 7.2 to 7.6 with [brand and or product name] [pH adjusters]. Follow label directions. Allow the pH adjusters to dissolve and disperse before adding this product to the pool. When adding this product to your pool, broadcast this product evenly over a wide area of the deepest part of the pool.

DOSAGE RATE:

{For all packaging except one time dose single use bags}

[SHOCK TREATMENT / SUPER CHLORINATION: For best results, see "WATER BALANCE" and "HOW TO USE" section above before treatment. Add 1 lb. of this product per 12,500 gallons of water [to yield 5 ppm available chlorine]. Shock treatments are recommended weekly, , or as necessary to prevent pool problems. Re-entry into treated pools is prohibited above levels of 4 ppm for risk of bodily injury.

{End of section -For all packaging except one time single use bags}

{For one time dose single use bags, use the following verbiage:}

{6 ounce bag:} [SHOCK TREATMENT / SUPER CHLORINATION: For best results, see "WATER BALANCE" and "HOW TO USE" section above before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding 6 ounces (one bag) per 5,000 gallons of water to yield 5 ppm available chlorine by weight. Re-entry into treated pools is prohibited above levels of 4 ppm for risk of bodily injury. [Use entire contents of bag when opened.]

{End of 6 ounce bag}

{8 ounce bag:} [SHOCK TREATMENT / SUPER CHLORINATION: For best results, see "WATER BALANCE" and "HOW TO USE" section above before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding 8 ounces (one bag) per 5,000 gallons of water to yield 7 ppm available chlorine by weight. Re-entry into treated pools is prohibited above levels of 4 ppm for risk of bodily injury. [Use entire contents of bag when opened.]

{End of 8 ounce bag}

{10 ounce bag:} [SHOCK TREATMENT / SUPER CHLORINATION: For best results, see "WATER BALANCE" and "HOW TO USE" section above before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding 10 ounces (one bag) per 5,000 gallons of water to yield 8 ppm available chlorine by weight. Re-entry into treated pools is prohibited above levels of 4 ppm for risk of bodily injury.] [Use entire contents of bag when opened.]

{End of 10 ounce bag}

{12 ounce bag:} [SHOCK TREATMENT / SUPER CHLORINATION: For best results, see "WATER BALANCE" and "HOW TO USE" section above before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding 12 ounces (one bag) per 5,000 gallons of water to yield 10 ppm available chlorine by weight. Re-entry into treated pools is prohibited above levels of 4 ppm for risk of bodily injury. [Use entire contents of bag when opened.]

{End of 12 ounce bag}



Note to reviewer:

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{Labels of resealable containers used to treat pools 10,000 gallons and larger}

**[WINTERIZING:** For best results, see "WATER BALANCE" section before treatment. While the water is still clear and clean, prepare for long periods of disuse by gradually adding 36 ounces of this product per 10,000 gallons of pool water that is clear and clean. This provides 15 ppm free available chlorine. Follow "HOW TO USE" directions on this package. Run the filter pump until granules are completely dissolved. Cover the pool with a [plastic] pool cover. Prepare the heater, pump and filter components for winterizing by following manufacturer's directions.]

[TO DETERMINE YOUR POOL CAPACITY IN U.S. GALLONS, USE THE APPROPRIATE FORMULA BELOW:

POOL SHAPE FORMULA (Use measurements in feet only)

RECTANGULAR - Length x Width x Average Depth x 7.5 = Total Gallons.

ROUND - Diameter x Diameter x Average Depth x 5.9 = Total Gallons.

OVAL - Maximum Length x Maximum Width x Average Depth x 5.9 = Total Gallons.

FREE FORM - Surface Area (Sq. Feet) x Average Depth x 7.5 = Total Gallons]

{or}

**TO DETERMINE POOL CAPACITY IN U.S. GALLONS**  
Use appropriate formula below

POOL SHAPE	FORMULA (Use measurement in feet)
Rectangular:	Length x width x average depth x 7.5 = total gallons
Round:	Diameter x diameter x average depth x 5.9 = total gallons
Oval:	Maximum length x maximum width x average depth x 5.9 = total gallons
Freeform:	Surface area (sq. feet) x average depth x 7.5 = total gallons

Note to reviewer:

[All text in brackets [AAA] is optional and may/may not be included on all end-use labels]

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**STORAGE & DISPOSAL:**

*do not contaminate food or feed by storage or disposal or cleaning of equipment*

{Nonrefillable container - household/residential use}

Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.]

[[Refillable container - household/residential use]

Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Refillable container. Refill this container with calcium hypochlorite only. Do not use this container for any other purpose. Rinse empty container thoroughly with water to dissolve all material prior to disposal. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.

[[Nonrefillable container - non-household/residential use]

Do not contaminate food or feed by storage or disposal or cleaning of equipment.

Pesticide Storage: Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame.

Container Disposal: Nonrefillable container. Do not reuse this container. Offer for recycling if available. Rinse empty container thoroughly with water to dissolve all material prior to disposal. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.

[[Refillable container - non-household/residential use]

Do not contaminate food or feed by storage or disposal or cleaning of equipment.

Pesticide Storage: Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Do not contaminate food or feed by storage or disposal or cleaning of equipment.

Container Disposal: Refillable container. Refill this container with calcium hypochlorite only. Do not use this container for any other purpose. Cleaning of this container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Rinse empty container thoroughly with water to dissolve all material prior to disposal. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.

**EMERGENCY HANDLING:** In case of contamination or decomposition - Do not reseal container. Immediately remove container to an open and well-ventilated outdoor area by itself. Flood with large amounts of water. Dispose of the container and any remaining contaminated material in an approved landfill area.

*handling and*

*insert: "to clean the container..."*

*handling and*

*insert: "to clean the container before final disposal..."*