

1258-1341

12/15/2011

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510-P)
1200 Pennsylvania Avenue N.W.
Washington, D.C. 20460

EPA Reg. Number:
1258-1341

Date of Issuance:
Dec. 15, 2011

Term of Issuance: Unconditional

Name of Pesticide Product: AW38

NOTICE OF PESTICIDE:

- x Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Lonza, Inc.
5660 New Northside Drive N.W.
Suite 1100
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 Antimicrobials 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. 452524) 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. Revise the EPA File Symbol 1258-RGUR to read "EPA Reg. No. 1258-1341".
b. Revise the Precautionary Statements on page 1 to reflect the following:

Danger. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled or absorbed through the skin. Harmful if swallowed. Irritating to nose and throat. Do not get in eyes, on skin, or on clothing. Wear goggles, protective clothing such as long sleeves and long pants, and rubber gloves. 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.

OPEN IN A WELL VENTILATED AREA. DO NOT BREATHE DUST OR FUMES.

Signature of Approving Official:

Monisha Harris

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

Date:

December 15, 2011

- c. Revise the bracketed information in the 5th section of instructions under "Physical Chemical Hazards" on page 2 to read: "The following *two* optional statements are *for use with* swimming pool and spa products: Do not mix this product with a small amount of water. Only add directly to your pool."
- d. Storage and Disposal Instructions must be provided for residential and commercial swimming pools and spas. Therefore, add the following language for Commercial use pattern:

Storage and Disposal

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

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

Pesticide Disposal: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program.

Container Handling: Non-refillable container. Do not reuse or refill this container revise your rinse instructions as follows: Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a tank mix. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

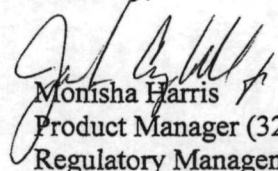
- e. Add a Batch Code placeholder and provide the appropriate production batch, lot number or other code used by the producer to identify product origination on your non-refillable container(s) on page 3.
- f. Revise the "Opening Your Pool" instructions on page 4 by adding the stating "Follow the directions on the [brand] [stabilizer product] to balance pool water, shock treat, and stabilize. Then follow
- g. Revise the last statement under "Routine Chlorination" on page 4 to be in compliance with PR Notice 2000-5, Mandatory and Advisory Labeling Statements by deleting the advisory term, "should," to the mandatory "*must*."
- h. Revise the last statement under "Shock treatment" on page 4 by adding the phrase, "*of that product*".
- i. Change "RCMS icon" to read "Optional *graphic* for residential use products" on page 5.
- j. Revise the 18th claim on page 6 by deleting the terms "improved or advanced" because it implies heightened efficacy.

3. You must conduct and submit Storage Stability (OPPTS 830.6317) and Corrosion Characteristics (OPPTS 830-6320) data within a year of this notice. A copy of our review of your Product Chemistry submission is enclosed.

A stamped copy of the label with conditions is enclosed for your records. Submit one (1) copy of the finished final printed label 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.

Sincerely,



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

Enclosure: Stamped label
Product Chemistry Data Evaluation

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[Items in brackets [AAA] are optional and may/may not be included on final label]
{Items in braces {AAA} are for information purposes and will not appear on final label}

AW38

ACTIVE INGREDIENTS:

Trichloro-s-Triazinetrione	91.1%
Zinc sulfate monohydrate	3.5%
OTHER INGREDIENTS:	5.4%
TOTAL:	100.0%

ACCEPTED
with COMMENTS
EPA Letter Dated:
DEC 1 5 2011

[Available chlorine 83%]

KEEP OUT OF REACH OF CHILDREN

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

DANGER

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

DANGER: Corrosive. Causes irreversible eye damage. Causes eye and skin burns. May be fatal if inhaled or absorbed through skin. Harmful if swallowed. Irritating to nose and throat.

- Open in a well ventilated area. Avoid breathing dust and fumes.
- Do not get in eyes, on skin or on clothing. Wear goggles and rubber gloves. For additional protection of skin, wear long sleeves and long pants.
- Wash hands after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove contaminated clothing and wash clothing before reuse.

Read all precautionary statements on [side] [back] label and all first aid statements before use.

FIRST AID: {required on front panel}

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 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.

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. 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

5089

PHYSICAL AND CHEMICAL HAZARDS:

DANGER. If product is exposed to small amounts of water, it can react violently to produce heat and toxic gas and spatter. Do not add water to this product. Add only into water.

- [Do not mix this product with a small amount of water. Only add this product directly to your pool.] {This statement will appear on Pool use labels only.}
- Do not allow to become wet or damp before use.

Can react with other materials, including other water treatment products, to cause fire, explosion, and the release of toxic gases.

- Keep all foreign matter, including other water treatment products, away from this product.
- Use only clean and dry utensils to dispense this product.
- Do not allow this product to contact other water treatment products. If used in a skimmer, make sure skimmer is completely clean and free of residue from other water treatment products before putting this product in a skimmer.
- Avoid spilling this product.

Exposure to heat can cause this product to rapidly decompose, leading to fire, explosion, and the release of toxic gases.

- Store in a cool, dry, well ventilated area away from heat or open flame.

Strong oxidizing agent. This product can increase fire intensity.

- Keep away from heat and from flame and burning material (like a lighted cigarette).

Contamination or improper use may cause 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 add water to this product. Add only into water.** {Optional – for use on residential use swimming pool products} [Do not remove floater or other dispensing device from water for an extended period of time if it contains a tablet or tablet residue] **{The following optional statement is for use on residential use swimming pool and spa products.} [Do not mix this product with a small amount of water. Only add directly to your pool.] Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled, or absorbed through the skin.**

{First sentence of paragraph below for containers 50 lb. or less; complete paragraph for all other sizes}

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, ponds, streams, estuaries, oceans, or other waters unless in accordance with the requirements 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 to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

{Household/residential use products}

[STORAGE AND DISPOSAL

{Nonrefillable containers}

[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. If not, discard in trash. 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.

[Manufactured for] {or} [Sold by]:
Arch Chemicals, Inc.
P.O. Box 724438
Atlanta, GA 31139-1438

EPA Reg. No. 1258-1251
NET WEIGHT:

EPA Est. No. XXXX-YY-ZZ

DIRECTIONS FOR USE:

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

[AW38 or other brand] [tablets*] are a unique and highly effective pool water sanitizer.]
[Routine sanitization is important to keep your pool water free of bacteria and contaminants.]
[These convenient and easy to use [BRAND] [chlorinating] [tablets*] are formulated to protect against chlorine loss from sunlight, and can be used in skimmers, [and] floaters [and feeders]. [In addition to sanitizing, [brand] [tablets] have the additional benefits of preventing algae growth, clarifying pool water, and protecting your equipment from stain and scale.] [They are designed to dissolve slowly to provide a steady source of available chlorine.]
[For crystal clear pool water, follow our 4 step pool care program: Step 1: Test and balance pool water, Step 2: Sanitize, Step 3: Shock at least once a week, and Step 4: Add algaecide as directed.]

METHOD OF APPLICATION: Use in a floating dispenser, automatic chlorinator, or feeder designed for this product, or place in skimmer. Use in a new chlorinating device or any device which has previously contained only this product or trichloro-s-triazinetrione. If placed in the skimmer, run the pump a minimum of eight hours daily. **DO NOT** Use in floaters or feeders that have been used with other water treatment products. **DO NOT** Throw tablets directly into pool. **DO NOT** permit tablets to contact plastic pool linings or metal objects. **DO NOT** Use in any chlorinating device which has been used with other chlorinating compounds.

WATER BALANCE:

[To provide optimum product performance, swimmer comfort and crystal clear water always maintain pH from 7.2 to 7.6, total alkalinity from 80 to 120 parts per million (ppm), and calcium hardness above 200 ppm. Test frequently using an HTH test kit or test strips that measures all these ranges. Make any necessary adjustments promptly with the appropriate HTH pool care products. Reentry into treated pools is prohibited with chlorine levels above 4 ppm for risk of bodily injury.]

{or}

[Adjust and maintain pool water pH from 7.2 to 7.6, total alkalinity from 80 to 120 parts per million (ppm) and calcium hardness above 200 ppm. Test frequently using a [n] [brand] [test kit] [or] [test strips] that measure[s] all of the above ranges. [Bring a pool water sample to your [brand] dealer frequently to test for water balance.] Maintain free available chlorine between 1 - 4 ppm]

{or}

[Adjust and maintain pool water to recommended ranges:

	Acceptable Range for Balance
pH	7.2-7.6

¹ *The term "tablet[s]" may be replaced with "stick[s]", "capsule[s]", "cube[s]", "cartridge[s]", or other descriptive term, either singular or plural, according to each respective product design.

Total Alkalinity	80-120 ppm
Calcium Hardness	Above 200 ppm
Available Chlorine	1-4 ppm

OPENING YOUR POOL: Balance pool water, shock treat, and stabilize your pool using [brand] [Stabilizer product]. Then follow "ROUTINE CHLORINATION" directions.

ROUTINE CHLORINATION:

{For single tablet pack}

Follow "METHOD OF APPLICATION". Add one tablet per 10,000 gallons of pool water every week or as often as needed to maintain a chlorine residual at 1 to 4 ppm. This dosage may vary depending upon bather load, water temperature and other conditions. Pool should not be entered until the chlorine residual is 1-4 ppm as measured with a reliable test kit.

{Directions for use with tablet form of this product in skimmer or floater}

[Ensure that the skimmer basket or floater is free of any other chemicals, tablets, or residue. Place this product in the skimmer basket or floater. Use one tablet per 10,000 gallons of water.

Do not add other chemicals to the skimmer or floater while this product is present. [If free available chlorine goes above 4 ppm, reduce skimmer flow rate or daily pump operation time.]

Reentry into treated swimming pools is prohibited above levels of 4 ppm free available chlorine due to risk of bodily injury. [If chlorine residual goes below 1 ppm, add a [brand] shock treatment to maintain 1-4 ppm of chlorine, and increase skimmer flow rate or daily pump operation time.]

Place [a] new [brand] [tablet[s]*] per 10,000 gallons of pool volume [brand] [tablet[s]*] into the skimmer each week, or when the old [tablet[s]*] ha[s][ve] fully dissolved. The number of [tablets*] and frequency of use will vary with bather load, water temperature, rain, and pump operating time.]

[As a preventative treatment, you must shock treat your pool once per week to prevent pool problems. In addition to weekly shock treatment, you must shock treat to remedy problems which may occur when bathing loads are high, water appears hazy or dull, unpleasant odors or eye irritation occur, after heavy wind and rainstorms, or if algae does develop with resulting green color and slimy feeling.]

[SHOCK TREATMENT: Adjust pH to 7.2 to 7.6 with [pH product] [brand] per label directions. Shock treat weekly with an [shock product] [brand] to kill bacteria, control algae, and to keep water sparkling clear. Follow label directions.]

[ALGAE CONTROL: If pool surface develops algae or feels slippery, follow shock treatment directions. Immediately after shock treatment, thoroughly clean pool by scrubbing surface of algae growth, vacuum and cycle through filter. If necessary, repeat the procedure. Pool must not be entered until the chlorine residual is 1-4 ppm.]

{Directions for use with cartridge form of this product in a [brand] feeder}

[Turn off filter pump. Open [brand] feeder, remove cartridge container and allow any water remaining in the empty cartridge to drain back into the feeder. Dispose of empty cartridge material. Refill cartridge container with new [AW38 or other brand] cartridge. Replace cartridge container, then close the feeder and turn filter pump back on. Set chlorine delivery rate to maximum setting.

After 24 hours check chlorine residual level with a test [kit or strip]. If free available chlorine is above 4 ppm, reduce the feed rate and retest in 24 hours. Reentry into treated swimming pools is prohibited above levels of 4 ppm free available chlorine due to risk of bodily injury.

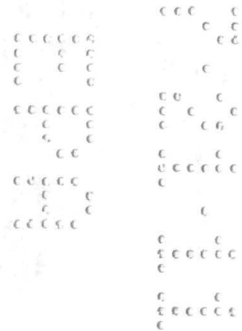
Test chlorine residual on a regular basis, and if below 1 ppm free available chlorine, increase dial setting. Be sure to refill cartridge when contents are fully dissolved.]



{Optional RCMS icon for residential use products} [

TO DETERMINE POOL CAPACITY IN U.S. GALLONS Use the 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

[



- {Optional marketing claims for all product designs}
- [83% Available Chlorine]
- [3-in-1 Action: Sanitizes, prevents algae, and clarifies water]
- [[2-in-1] {or} [Dual] Action: Sanitizes and prevents algae]
- [Protects against bacteria and algae]
- [Kills algae]
- [[Contains] {or} [With] built-in algae [protection] {or} [fighter]]
- [Sanitizer for swimming pool water]
- [Sanitizes pool water]
- [Swimming pool sanitizer]
- [Concentrated chlorinator for routine use]
- [Convenient one week dosage]
- [[Chlorine lasts] {or} [Chlorinates for] up to one week]
- [One tablet treats 10,000 gallons [for a week]]
- [Provides long lasting chlorination]
- [Easy, economical, convenient to use]
- [Regulates chlorine levels]
- [For routine use in automatic feeders, floaters and plastic skimmers]
- [Slow dissolving]
- [Totally soluble]
- [Leaves no residue]
- [For Pop-Up Pools]
- [Step 1: Balance]
- [Step 2: Sanitize]
- [Step 3: Shock]

- [Step 4: Prevent Algae]
- [Sun [resistant {or} [protected] for extended chlorine life]
- [[Contains] or [With] built-in resistance to sunlight]
- [Innovative, patented exclusive technology]
- [Multipurpose tablet]
- [Clarifies pool water]
- [[Contains] {or} [With] a [built-in] clarifier]
- [Contains clarifying additive]
- [Keeps pool water clear]
- [Precipitating agent included]
- [Assists filtration]
- [Produces sparkling clean swimming pool water]
- [Restores clarity to pool water]
- [Keeps water clear]
- [Sparkling pool water]
- [For crystal clear, sparkling blue water]
- [Keeps pool water clean and crystal clear]
- [New [improved] {or} [advanced] formula]
- [Contains water [softener] {or} [softening additive]]
- [Softens [pool] water]
- [Creates softer pool water]
- [Contains equipment protection]
- [Contains stain and scale [preventative] {or} [preventer]]
- [Contains anti-stain [and/or] anti-scale additive[s]]
- [Protects equipment [from stain and scale]]
- [Prevents [from] [stains] {or} [staining] and/& [scale] {or} [scaling]]
- [Prevents scale buildup]
- [Non-staining formula]
- [Will not cause staining]
- [Individually wrapped for easy handling]

