

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



**Office of Pesticide Programs**

Arch Chemical, Inc.  
1955 Lake Park Drive, Suite 100  
Smyrna, GA 30080

MAR 8 2013

Attention: Ruth Trager, Manager  
Regulatory Services

Subject: Sodium Omadine 40% Aqueous Solution Industrial Fungicide and Bactericide  
EPA Registration No. 1258-843  
Your Notification Dated January 29, 2013

This will acknowledge receipt of your notification, submitted under the provisions of FIFRA Section 3(c)(9).

**Proposed Notification**

- To add minor label changes

**General Comment**

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

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been added to the file.


If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510C)

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 5-31-98

 <p>United States <b>Environmental Protection Agency</b> Washington, DC 20460</p>	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number _____
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**Application for Pesticide - Section I**

1. Company/Product Number 1258-843	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Sodium Omadine 40% Aq. Soln. Ind. Fungicide & Bactericide	PM # 33	
5. Name and Address of Applicant (Include ZIP Code) Arch Chemicals, Inc. 5660 New Northside Drive NW, Suite 1100 Atlanta, GA 30328 (Please send response to address in cover ltr)  <input type="checkbox"/> Check if this is a new address		6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____  Product Name _____

**Section - II**

<input type="checkbox"/> Amendment - Explain below.  <input type="checkbox"/> Resubmission in response to Agency letter dated _____  <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application.  <input type="checkbox"/> Other - Explain below.
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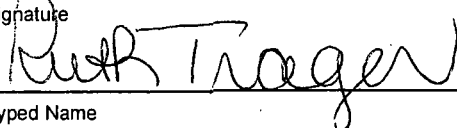
**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

Minor Label NOTIFICATION to add a footnote to indicate which uses are not approved for use in California and add a lower use rate for 2 areas of use.  
 Notification Certification statement included.

**Section - III**

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* <b>Certification must be submitted</b> If "Yes" Unit Packaging wgt.    No. per container		If "Yes" Package wgt    No. per container			
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container various		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Label accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Stenciled					

**Section - IV**

1. Contact Person (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Ruth trager	Title Manager, Regulatory Services	Telephone No. (Include Area Code) (201) 316-9327
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature 	3. Title Manager, Regulatory Services	
5. Typed Name Ruth Trager	5. Date February 07, 2013	



Via FedEx

Marshall Swindell, PM-33  
 Document Processing Desk [NOTIF]  
 Office of Pesticide Programs (7504P)  
 US Environmental Protection Agency  
 Room S-4900, One Potomac Yard  
 2227 S. Crystal Drive  
 Arlington, VA 22202

Lonza Inc  
 Allendale  
 90 Boroline Road  
 Allendale, NJ 07401, USA

Ruth Trager  
 Manager, Regulatory Services

Tel 201-316-9327  
 Ruth.trager@lonza.com

January 29, 2013

**SUBJECT: Label Notification as per PR Notice 98-10**

**PRODUCTS: Sodium Omadine 40% Aqueous Solution Industrial Fungicide & Bactericide  
 EPA Reg No. 1258-843**

Dear Mr. Swindell:

On behalf of Arch Chemicals, Inc. (now a part of Lonza), I am submitting a label Notification to request the following changes/updates:

- To add the footnote and qualifier statement "Not approved for use in California" for all uses not approved there
- To add lower use rates to the Gypsum Wallboard and Dry Film Preservation areas of use.

To support this notification, the following documents are enclosed for your review:

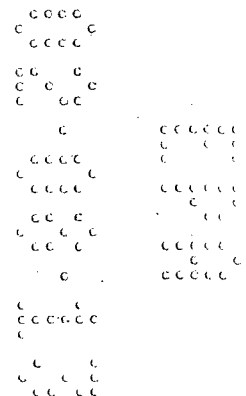
1. Application for Notification; EPA Form 8750-1;
2. One (1) copy of the proposed label with highlighted changes;
3. One (1) clean copy of the proposed label;

If you have any questions or need any additional information, please feel free to contact me at [ruth.trager@lonza.com](mailto:ruth.trager@lonza.com) or 201-316-9327.

Best Regards

Lonza Inc.

Ruth Trager  
 Manager, Regulatory Services



# SODIUM OMADINE 40% AQUEOUS SOLUTION INDUSTRIAL FUNGICIDE & BACTERICIDE

## ACTIVE INGREDIENT:

Sodium, 2-pyridinethiol-1-oxide.....40%  
Inert Ingredients.....60%  
Total.....100%

EPA Reg. No. 1258-843  
EPA Est. No. 1258-NY-3

**KEEP OUT OF REACH OF CHILDREN**

## WARNING

SEE FIRST AID & ADDITIONAL PRECAUTIONARY STATEMENTS ON SIDE PANEL

## MANUFACTURED FOR:

Arch Chemicals, Inc.  
1955 Lake Park Drive  
Smyrna, GA 30080

Made in the USA.

OMADINE® is a registered trademark of Arch Chemicals, Inc.

Net Weight 25 Lbs.

## PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

**WARNING:** May be fatal if absorbed through skin or inhaled. Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Remove contaminated clothing and wash clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Applicators and other handlers must wear: goggles or face shield, long sleeved shirt and long pants, socks and shoes, chemical- resistant gloves (such as rubber or waterproof gloves).

**USER SAFETY REQUIREMENTS:** Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS:** Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing.

# **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 Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, and 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, for additional information call 1-800-654-6911.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic invertebrates. 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.

**STORAGE AND DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Do not store above 130 degrees F. (55 deg. C.). Keep container tightly closed when not in use. Do not store with strong oxidizing agents.

**PESTICIDE DISPOSAL:** [For containers >5 gallons] Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**PESTICIDE DISPOSAL:** [For containers equal to or <5 gallons] Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 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 the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**DIRECTIONS FOR USE:** It is a violation of federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons. Do not use for applications involving direct or indirect food/drinking water contact.

**<sup>1</sup>IN AQUEOUS BASED FLUIDS SUCH AS METALWORKING, CUTTING, COOLING AND LUBRICATING**

**FLUIDS:** To inhibit bacterial and fungal growth add an initial dose of up to 1250 ppm of this product (1.25 lbs. of this product to 1,000 lbs. of solution) to the solution by pouring from the container and subsequent maintenance doses of up to 1250 ppm (1.25 lbs. of the product per 1,000 lbs. of solution) every 7- 10 days or as needed. This product can be used at fluid to water ratios of 1: 10 to 1: 100. This product may be added to the fluid at the time it is prepared (diluted) or to the reservoir (sump) containing the fluid after it is put into use. If it is added to the reservoir, the fluid should be circulated after addition to ensure mixing. Contaminated fluid systems should be cleaned prior to the initial addition of this product. Drain the system, clean with a cleaner designed for this purpose, rinse with water and refill with fresh fluid containing this product (up to 1250 ppm). Frequent checks (at least once a week) of the bacterial and fungal population in the system should be made using standard microbiological plate count procedures or any of the commercial "dip- stick" type devices. When the bacterial count reaches  $10^7$  and/ or the fungal count reaches  $10^3$  organisms per ml, add additional product according to the above directions. If this does not reduce the bacterial and/ or fungal count below the above value in 12- 24 hours, the fluid should be discarded and replaced after cleaning the system. Add this product to the fresh fluid according to the above directions. When adding fresh, diluted fluid to compensate for dragout or other losses, add this product to make- up fluid according to the above directions.

**<sup>1</sup>TO INHIBIT THE GROWTH OF BACTERIA AND FUNGI IN METALWORKING, CUTTING, COOLING AND LUBRICATING FLUID CONCENTRATES:** Add an amount that will give up to a 1250 ppm solution. The amount required in the concentrate will depend on the end use dilution. For example: If the desired level of this product is 1250 ppm and the end use dilution of the fluid is 5%, then a 2.5% concentration of this product is required in the concentrate ( $1250 \text{ ppm} / 0.05 = 25,000 \text{ ppm}$  or 2.5%).

**<sup>1</sup>FOR THE IN-CAN PRESERVATION OF LATEX EMULSIONS USED IN ADHESIVES, CAULKS, PATCHING COMPOUNDS, SEALANTS, PASTES AND GROUTS:** To inhibit bacterial growth in latex emulsions for a period of up to 1 year, a dosage of up to 1000 ppm of this product (1 lb. of this product per 1,000 lbs. of emulsion) is recommended. Product may be added at any time during the formulation procedure by pouring from the container.

**<sup>1</sup>IN AQUEOUS SYNTHETIC FIBER LUBRICANTS (SPIN FINISHES):** To inhibit the growth of bacteria and the formation of bacterial slime in synthetic fiber lubricants (spin finishes) for periods of 2- 4 weeks during use, add 1250 ppm (1.25 lbs. per 1,000 lbs. of lubricant) of this product to the diluted lubricant. This product may be used in lubricant solutions containing 5- 10% lubricant concentrate (water to lubricant ratios of 20- 1 to 10- 1). This product should be added by pouring from the container to the diluted lubricant in the dilution tank.

**<sup>1</sup>Not approved for use in California**

**<sup>1</sup>IN AQUEOUS BASED INKS:** To inhibit the growth of bacteria and fungi in inks such as aqueous based inks, printing solutions, pigment slurries or press cake, add up to 1250 ppm of this product. While the inks are in use, a concentration of 0.125% w/w of this product is necessary. The amount of this product to be added at the time of manufacture of the ink to obtain the above concentrations, at the time of use, will vary with the shelf- life of the ink. The table below shows this relationship:

<u>Shelf- Life Ink (months)</u>	<u>%Sodium Omadine 40%</u>
36 .....	1.250
24 .....	0.650
18 .....	0.475
12 .....	0.3125
8 .....	0.250

To inhibit the growth of bacteria in neutral or slightly acidic aqueous based jet- printer inks for periods of up to 4 weeks while the inks are in use, add 0.75% w/w of this product to the ink at the time of manufacture. To avoid decomposition of this product during shelf- life of the ink, airtight packaging must be used. In all cases, this product may be added to the ink at any point in the manufacturing process by pouring from the container.

**FOR THE DRY FILM PRESERVATION OF NATURAL AND SYNTHETIC ADHESIVES, <sup>1</sup>LATEXES, <sup>1</sup>URETHANE FOAMS, <sup>1</sup>CELLULOSICS, CAULKS, PATCHING COMPOUNDS, SEALANTS, ARCHITECTURAL PAINTS, <sup>1</sup>INDUSTRIAL PAINTS AND COATINGS (Including wood coatings), PASTES AND GROUTS:** Addition of 2100 to 12500 ppm (2.1 lbs. to 12.5 lbs. of this product per 1000 lbs. of formulation) of this product can inhibit microbial growth (bacteria and fungi) in the dry film of these products. This product can be added at any time during the formulation procedure. [For example,] sheet vinyl adhesives used in the installation of vinyl flooring can be preserved by the addition of 5200 ppm of this product (5.2 lbs. per 1000 lbs. of adhesive).

**<sup>1</sup>FOR THE IN- CAN PRESERVATION OF LAUNDRY RINSE ADDITIVES, LAUNDRY DETERGENTS, CARPET CLEANERS, SURFACE CLEANERS, FLOOR CLEANERS:** To inhibit the growth of bacteria and fungi in these products for periods of up to one year, add 0.16% w/w (1600 ppm or 1.6 lbs. of this product per 1000 lbs. of formulation). This product can be added at any time during the formulation procedure.

**<sup>1</sup>FOR THE IN- CAN PRESERVATION OF WATER BASED CHEMICAL OR MINERAL ADMIXTURES THAT ARE USED IN CONCRETE:** Addition of up to 1000 ppm of this product can inhibit microbial growth (bacteria and fungi) in add mixtures. Add mixtures can be preserved by addition of 1000 ppm of this product (1.0 lb. of this product per 1000 lbs. of add mixture.)

**<sup>1</sup>FOR THE PRESERVATION OF AQUEOUS ANALYTICAL AND DIAGNOSTIC REAGENTS USED IN CHEMICAL AND CLINICAL ANALYSIS:** Addition of up to 1250 ppm of this product can inhibit the growth of bacteria and fungi in aqueous analytical and diagnostic reagents (1.25 lbs. of this product per 1000 lbs. of reagent).

**TO INHIBIT THE GROWTH OF FUNGI IN GYPSUM WALLBOARD:** Addition of 1000 to 9600 ppm of this product (1.0 lb. to 9.6 lbs of product per 1000 lbs of the formulation, i.e., wet slurry) will inhibit the growth of fungi. It can be added at any time during the formulation procedure. For example, to control the growth of fungi in Gypsum & Dry Wall add a minimum of 1000 ppm of this product (1.0 lb. of product per 1000 lbs of formulation).

**<sup>1</sup>Not approved for use in California**

