

1258-1213

1/15/2009

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

JAN 15 2009



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

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

Attention: Garret B. Schifilliti  
Senior Regulatory Manager

Subject: Sodium Omadine 10% Aqueous Solution Industrial  
Fungicide and Bactericide  
EPA Registration No. 1258-1213  
Your Amendment Dated December 18, 2008

This will acknowledge receipt of your notification of changes to the Storage and Disposal Statements for the "Container Rule", submitted under the provisions of FIFRA Section 3(c)(9). Based on a review of the submitted material, the following comments apply.

The Notification dated December 18, 2008 is in compliance with PR Notice 98-10 and is acceptable. This Notification has been added to your file.

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

Sincerely

A handwritten signature in cursive script, appearing to read "M. Swindell".

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

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Please read instructions on reverse before completing form.

Form Approved. EPA No. 2070-0060. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 1258-1213	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Sodium Omadine 10% Aqueous Solution Ind. Fung. & Bact.	PM#	
5. Name and Address of Applicant (Include ZIP Code) Arch Chemicals, Inc. 1955 Lake Park Drive Smyrna, GA 30080 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. 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"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

- \* Notification of changes to Storage & Disposal Statements for the "Container Rule".
- \* Submittal of Electronic Labels.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

### Section - III

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

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Garrett B. Schifilliti	Title Senior Regulatory Manager	Telephone No. (Include Area Code) (203) 271-4154
<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.		<b>6. Date Application Received (Stamped)</b>
2. Signature 	3. Title Senior Regulatory Manager	
4. Typed Name Garrett B. Schifilliti	5. Date 12/18/08	

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## SODIUM OMADINE 10% AQUEOUS SOLUTION INDUSTRIAL FUNGICIDE & BACTERICIDE

### ACTIVE INGREDIENT:

Sodium, 2-pyridinethiol-1-oxide.....10%  
Inert Ingredients.....90%  
Total.....100%

EPA Reg. No. 1258-1213  
EPA Est. No. 1258-NY-3

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

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.** May cause eye and skin irritation. Harmful if swallowed, inhaled, or absorbed through the skin. Do not get in eyes, on skin, or on clothing.

**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 <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.

**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.

**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 5000 ppm of this product (5 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 5000 ppm (5 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 5000 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.

**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 5000 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 1000 ppm and the end use dilution of the fluid is 5%, then a 2.0% concentration of this product is required in the concentrate ( $1000 \text{ ppm} / 0.05 = 20,000 \text{ ppm}$  or 2.0%).

**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 4000 ppm of this product (4 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.

**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 5000 ppm (5 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.

**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 4000 ppm of this product. While the inks are in use, a concentration of 4% 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 the relationship.

Shelf- Life Ink (months) %Sodium Omadine 10%

36	4.00
24	2.60
18	1.9
12	1.25
8	1.00

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 3% 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, LATEXES, URETHANE FOAMS, CAULKS, PATCHING COMPOUNDS, SEALANTS, ARCHITECTURAL PAINTS, INDUSTRIAL PAINTS AND COATINGS (Including wood coatings), PASTES AND GROUTS:** Addition of up to 20000 ppm (20 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 8400 ppm of this product (8.4 lbs. per 1000 lbs. of adhesive).

**FOR THE IN- CAN PRESERVATION OF LAUNDRY RINSE ADDITIVES, LAUNDRY DETERGENTS, CARPET CLEANERS, SURFACT CLEANERS, FLOOR CLEANERS:** To inhibit the growth of bacteria and fungi in laundry rinse additives for periods of up to one year, add 0.64% w/ w (6400 ppm or 6.4 lbs. of this product per 1000 lbs. of formulation). This product can be added at any time during the formulation procedure.

**FOR THE IN- CAN PRESERVATION OF WATER BASED CHEMICAL OR MINERAL ADD MIXTURES THAT ARE USED IN CONCRETE:** Addition of up to 4000 ppm of this product can inhibit microbial growth (bacteria and fungi) in add mixtures. Add mixtures can be preserved by addition of 4000 ppm of this product 4.0 lb. of this product per 1000 lbs. of add mixture.)

**FOR THE PRESERVATION OF AQUEOUS ANALYTICAL AND DIAGNOSTIC REAGENTS USED IN CHEMICAL AND CLINICAL ANALYSIS:** Addition of up to 5000 ppm of this product can inhibit the growth of bacteria and fungi in aqueous analytical and diagnostic reagents (5 lbs. of this product per 1000 lbs. of reagent).

**TO INHIBIT THE GROWTH OF FUNGI IN GYPSUM WALLBOARD:** Addition of up to 38,400 ppm of this product (38.4 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 4000 ppm of this product (4.0 lb. of product per 1000 lbs of formulation).

**To Control The Growth Of Fungi In Carrageenan Based Gels Used To Produce Solid Air Fresheners.** Add 0.12 - 0.4% of this product (0.12 - 0.4 lb./100 lbs. of formulation). Add this product into the gel formulation prior to cooling.

**To Inhibit the Growth of Bacteria and Fungi In Dry Wall and Gypsum, Pearlite, Plaster-Like, Mineral Based, or Cellulose Derived Building Materials Used In the Manufacture of Ceilings, Ceiling Tile, Walls and Partitions:** Addition of up to 38,400 ppm of this product (38.4 lbs. of product per 1000 lbs. of the formulation, i.e., wet slurry) will inhibit the growth of bacteria and fungi. It can be added at any time during the formulation procedure. Alternatively the product may be added to latex or other types of coating systems routinely applied to the surfaces of walls, ceiling tiles, partitions, etc. at the same dosage as above.

**LEATHER:** This product is used at treatment rates of 0.08% to 4.0%, based on the weight of the leather stock, to prevent the bacterial or fungal degradation of hides and skins. Application level is dependent on the type of hide or leather to be protected, the length of protection desired and the presence of other constituents in the processing formula. The optimum addition should be determined by trial for each individual application. For soaking raw hides this product should be added to the water to be used for soaking. For treating hides cured with dry salt, this product should be applied to the hides or should be mixed with the salt before it is applied to the hides. This product can be used for the protection of wet leather stock such as pickled, chrome, chrome alternative, metal free, and vegetable tanned leathers from mold and mildew during in-tannery wet processing and for the protection of wet-blue during long storage and transportation times. Treatment rates should be calculated based on the wet white weight or wet blue weight, and compatibility with chrome solutions or other treatment chemicals should be confirmed prior to trial.

**SODIUM OMADINE® PRODUCT LICENSING & PATENT NOTICE:** The SODIUM OMADINE® product may be used in paints with zinc oxide in accordance with the label and composition and method claimed in U.S. Patent 5,518,774 and European Patent 0807152, and their other corresponding foreign patents. Purchase of this product from Arch Chemicals, Inc. gives the purchaser a nonexclusive license to use this product in the composition and method claimed in the above-mentioned patents, and the royalty for this license is incorporated into the purchase price of the product.