

1258-1238

05/17/2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7504C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:1258-  
1238

Date of Issuance:

MAY 17 2001

## NOTICE OF PESTICIDE:

  x   Registration  
      Reregistration

(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Sodium Omadine-E 10%  
Aqueous Solution

Name and Address of Registrant (include ZIP Code):

Arch Chemicals, Inc.  
501 Merritt 7  
Norwalk, CT 06856

**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 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 that product by the Agency. In order to protect health and the environment, the Administrator, at his/her discretion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. No assumption of any case 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 a prior.

This product is conditionally 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 reregistration of your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, EPA Reg. No. 1258-1238.
- b. Place the appropriate EPA Establishment No. on the product labeling.

Signature of Approving Official:

Marshall Swindell, Product Manager 33,  
RMBI, AD

Date:

MAY 17 2001

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- c. Place the First Aid section below the signal word that appears on the center panel.
- d. Place the Directions for Use section on the top of right hand panel.
- e. Delete the statement, Convulsions, if persistent, may be controlled by careful intravenous use of short acting barbiturates, from the Note To Physician section.
- f. Delete the term, Warning, from the Precautionary Statements section.

The Confidential Statement of Formula dated March 7<sup>th</sup>, 2001, is acceptable.

3. Submit two copies of the revised final printed label for the record.

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,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobial Division(7505C)

**PRECAUTIONARY STATEMENTS:**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS. WARNING:** 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.

**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 public 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 our State Water Board or Regional Office of the EPA.

**NOTE TO PHYSICIAN:** Convulsions, if persistent, may be controlled by careful intravenous use of short-acting barbiturates. Probable mucosal damage may contraindicate the use of gastric lavage.

**SODIUM OMADINE® E 10%  
AQUEOUS SOLUTION  
INDUSTRIAL FUNGICIDE &  
BACTERICIDE**

**Active Ingredient:**

Sodium 2-pyridinethiol-1-oxide 10.0%

Inert Ingredients 90.0%

Total 100%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

SEE SIDE PANEL FOR FIRST AID & ADDITIONAL  
PRECAUTIONS

Net Wt 25 Lbs.

**ARCH CHEMICALS, INC.  
501 MERRITT SEVEN  
NORWALK, CT 06856**

EPA Reg. No. 1258-~~REG-3~~  
EPA Est. No. 1258-NY-3

ACCEPTED  
with comments registered trademark of Arch  
in EPA Letter Date Chemicals, Inc.

MAY 17 2001

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.  
1258-NY-3

**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. 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 by a poison control center or doctor.

**IF ON SKIN:** 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. In case of emergency, for additional information call 1-800-654-6911. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**CHEMICAL HAZARDS:** Do not store or mix with strong oxidizing agents.

**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.

**STORAGE AND DISPOSAL:**

This pesticide is a chelating agent and should not be used with other chelating agents or chlorine. Do not contaminate water, food, or feed by storage and 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:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or,

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if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**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 (50 lbs. of this product to 10,000 lbs. of solution) to the solution by pouring from the container and subsequent maintenance doses of up to 5000 ppm (50 lbs. of the product per 10,000 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 ppm/0.05=20,000 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 1000 ppm of this product (10.0 lbs. of this product per 10,000 lbs. of emulsion) is recommended. Product may be added at any time during the formulation procedure by pouring from the container.

**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 the relationship.

Shelf-Life Ink (months)	Sodium Omadine E 10% Solution (%)
36	1.25
24	0.65
18	0.475
12	0.3125
8	0.25

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, LATEXES, URETHANE FOAMS, CAULKS, PATCHING COMPOUNDS, SEALANTS, ARCHITECTURAL PAINTS, INDUSTRIAL**

**PAINTS AND COATINGS, PASTES AND GROUTS:** Addition of up to 5000 ppm (12.5 lbs. of this product per 1000 lbs. of formulation) of the active ingredient 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 2100 ppm of this product (2.1 lbs. per 1000 lbs. of adhesive).

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAY 17 2001

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

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