



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

1258-1323

Date of Issuance:

JUL 31 2007

Term of Issuance:

Conditional

Name of Pesticide Product:

Arch OIT 45

NOTICE OF PESTICIDE:

[x] Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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

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 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 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 Registration Number to read, "EPA Reg. No. 1258-1323".

Signature of Approving Official:

Marshall Swindell
Product Manager Team-33
Regulatory Management Branch I
Antimicrobials Division (7510P)

[Handwritten signature]

Date:

JUL 31 2007

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b. The proposed Basic Confidential Statement of Formula dated March 30, 2007 is in compliance with PR Notice 91-2, agrees with the label and is acceptable. However, the active ingredient source utilized is currently not registered with the EPA.

c. Since the product is made by an integrated system of manufacture, it is preferred that the formulation be disclosed in two parts using the standard EPA 8570-4 forms. In the first EPA 8570-4 form used, you should disclose a "pre-reaction" formula which shows all of the starting ingredients used to make the product. The second, 8570-4 form used, should disclose the "post-reaction" formula, which shows the composition of the final product and by-products/impurities that may be formed. Please note that this information must be submitted to the Agency within thirty (30) days from the date of this Registration Notice.

d. The Storage Stability and Corrosion Characteristics studies must be completed and submitted to the Agency within one year from the date of this Registration Notice.

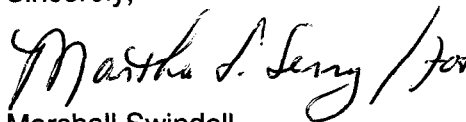
e. Refer to the enclosed copy of the Product Chemistry Review for further comments.

3. Submit two (2) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

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
Antimicrobials Division (7510P)

Enclosures

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC

ANIMALS: DANGER Corrosive. Causes irreversible eye damage and skin burns. May cause allergic skin reaction. May be fatal if swallowed. Harmful if absorbed through skin or inhaled. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Do not breathe vapor. Remove and wash contaminated clothing before reuse.

FIRST AID:

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 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.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

IN CASE OF EMERGENCY CALL

1-800-654-6911

Arch OIT 45

Active Ingredient:

2-n-Octyl-4-isothiazolin-3-one....46.5%

Inert ingredients.....53.5%

Total.....100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

(See side panels for additional precautionary statements & First Aid)

Arch Chemicals, Inc.

Smyrna, GA 30080

EPA Reg. No. 1258-

EPA Est. No. (to be assigned)

ENVIRONMENTAL HAZARDS:

This product is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to the 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. Do not contaminate water by cleaning of equipment or disposal of wastes.

[OIT/arch oit label 101706(2)(3)(2).doc]

STORAGE AND DISPOSAL:

Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

Do not reuse empty container. Triple rinse then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

For Industrial Use Only for sapstain control, for protection of paint films, coatings, including wood coatings and wood coating solutions, adhesives, sealants, mastics, caulks, applied film/wet state of adhesives, tackifiers, paints, coatings and other building materials, hides, leather, textiles, fibers, fabrics, plastic/PVC/vinyl/polyurethane/fiberglass products, metalworking fluids, hydraulic fluids, against attack by mildew, and fungus.

ACCEPTED
with COMMENTS
EPA Letter Dated:

JUL 31 2007

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1258-1323

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Dry film preservative for Industrial Use Only for protection of paint films, coatings, including wood coatings and wood coating solutions, Adhesives, Sealants, Mastics, Caulks:

This product is recommended for the control of fungi in latex, oil based, and powdered paints coatings and adhesives (non-food contact). Add 2 to 5 pounds of this product per 100 gallons of paint. Add 0.1 to 5 pounds of this product per 100 gallons of wood coatings or wood coating solutions.

Leather Preservation: This product is recommended for the prevention of bacterial and fungal growth on wet leather stock such as pickled, chrome-tanned and vegetable-tanned hides and leather, including wet-blues. Normal addition levels are in the range of 0.014%-0.045% by weight of this product calculated on the pelt weight. The optimum use concentrations will depend on the manufacturing process, the required properties of the product and the environment to which it will be exposed. Levels will be particularly affected by natural fat content, skin thickness, storage time and tannery conditions.

Textile, Fiber and Fabric Preservation: This product is recommended for the prevention of bacterial and fungal growth, in the presence of moisture, in/on fibers, textiles and fabrics, including carpets and backing materials, natural and man-made. Normal addition levels are in the range of 0.1%-0.25% by weight of this product calculated on the materials weight. The optimum use concentrations will depend on the manufacturing process, the properties of the product and the environment to which it will be exposed. Levels will be particularly affected by the fabric thickness, proximity to the air circulations, storage time and ambient humidity.

Preservation of Plastic/PVC/Vinyl/Polyurethane/Fiberglass Products:

This product is recommended for the control of mildew and fungi in flooring and wall coverings, coated fabrics for upholstery, interior automotive parts, refrigerator gaskets, shower curtains, mattress covers, artificial leather, rain wear, protective wear, shoes, boots, slippers and gloves. For these uses, generally not subject to continuous external environmental conditions, use 0.1%-0.5% of this product based on the total weight of the formulation/composition (or 0.05% to 0.5% based on plastisol). This product is also recommended in situations generally subject to external environmental variations such as use in automotive landau tops, external automotive trim, tarpaulins, tents, awnings, indoor/outdoor carpeting, garden hoses, pool and pond liners, marine upholstery, swimming pool liners, roof liners, lining foils, cable casings, tiles and fibers. For these external type uses apply 0.15%-0.75% of this product based on the total weight of the formulation/composition (4.35 pounds/1000 pounds of compound).

Applied Film/Wet State Preservative: This product is recommended for the control of bacteria and fungi in the applied film/wet state of adhesives, tackifiers, paints, coatings, and building materials (such as fire-proofing and sound proofing coatings) for the purpose of protecting the applied film/wet state prior to a full cure.

Metalworking Fluid Preservation: This product is recommended for the control of fungi in the manufacture and use of soluble, synthetic, and semi-synthetic metalworking fluids. This product is not recommended for use in systems or fluids which are subject to foaming or systems or fluids which are subject to foaming or systems with high levels of tramp oil. This product should be directly dispensed into the metalworking concentrate or use-dilution metalworking fluid using a metered pump or other point-of-use device and uniformly dispersed throughout the liquid. Greatly contaminated systems must be cleaned prior to treatment is begun.

which are subject to foaming or systems or fluids which are subject to foaming or systems with high levels of tramp oil. This product should be directly dispensed into the metalworking concentrate or use-dilution metalworking fluid using a metered pump or other point-of-use device and uniformly dispersed throughout the liquid. Greatly contaminated systems must be cleaned prior to treatment is begun.

Fluid Concentrates: This product should be added to the metalworking concentrate at a level to ensure that the final use-dilution fluid will contain 55-167 ppm of product (25-75 ppm active ingredient).

Use-Dilution Fluid: For a noticeably fouled system, add 0.47-1.44 pounds of this product per 1000 gallons of emulsion. This will provide 25-75 ppm active ingredient. Repeat until control is achieved. For maintenance of a non-fouled system, add 0.09-0.58 pounds of this product per 1000 gallons of emulsion every 4 weeks. This will provide 5-30 ppm active ingredient. A higher dose range and/or increased frequency of treatment may be required, depending upon rate of dilution of the preservative with the makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

Hydraulic Fluid Preservation: This product is recommended as a preservative in the manufacture and use of soluble oils, high water-based and emulsion hydraulic fluids. This product should be directly dispersed into the hydraulic concentrate or use-dilution hydraulic fluid using a metered pump or other point-of-use device and uniformly dispersed throughout the fluid. Greatly contaminated systems must be cleaned before treatment is begun.

Fluid Concentrates: This product should be added to the hydraulic fluid concentrate at a level

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to ensure that the final use-dilution fluid will contain 55-167 ppm of product (25-75 ppm active ingredient).

Use Dilution Fluid: For a noticeably fouled system, add 0.47-1.44 pounds of this product per 1000 gallons of emulsion. This will provide 25-75 ppm active ingredient. Repeat until control is achieved. For maintenance of a non-fouled system, add 0.09-0.58 pounds of this product per 1000 gallons of emulsion every 4 weeks. This will provide 5-30 ppm active ingredient. A higher dose range and/or increased frequency of treatment may be required, depending upon rate of dilution of the preservative with the makeup fluid, the nature and severity of contamination, level of control required, filtration effectiveness, system design, etc.

To Control Sapstain:

This product will control sapstain. For treating debarked logs, prepare a working solution by mixing with water at a rate of 1 to 5 quarts of this product per 250 gallons of water. The working solution must be mixed thoroughly before and during use. Apply the working solution with a spray system that coats all surfaces of the log evenly and thoroughly. Treated wood must not be used or placed where it may contact food or animal feed.

ACCEPTED
with COMMENTS
EPA Letter Dated:

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