1258-1222 04-21-2011 1/9

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

APR 21 2011

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

John R. French, PhD
Senior Regulatory Manager
Arch Treatment Technologies, Inc.
Suite 1100, 5660 New Northside Drive
Atlanta, GA 30328

Subject: **Omacide® IPBC 20 Industrial Fungicide**
EPA Registration Number: 1258-1222
Application Date: January 18, 2011
Receipt Date: January 19, 2011

Dear Dr. French:

The following amendments, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

Proposed Amendments

Label amendment to include protection of coating.

General Comments

A stamped accepted label is enclosed for your records. Submit a final printed label before distributing or selling the product bearing the revised labeling.

If you have further questions concerning this letter, then please contact me by telephone at (703) 308-6416 or by e-mail at Campbell-mcfarlane.jacqueline@epa.gov or Glen McLeod by telephone at (703) 347-0181 or by email at mcleod.glen@epa.gov . When you are submitting information or data in response to this letter, send a copy of this letter to accompany the submission in order to facilitate processing.

Sincerely,

Jacqueline Campbell-McFarlane
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

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EPA

United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☑ Amendment
☐ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
1258-1222	J. Campbell-McFarlane	☑ None ☐ Restricted
4. Company/Product (Name)	**PM#**	
Omacide® IPBC 20 Industrial Fungicide	34	

5. Name and Address of Applicant *(Include ZIP Code)*

Arch Chemicals, Inc.
Suite 1100, 5660 New Northside Drive
Atlanta, GA 30328

☐ *Check if this is a new address*

6. Expedited Reveiw. 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

☑ Amendment - Explain below.
☐ Resubmission in response to Agency letter dated _____
☐ Notification - Explain below.
☐ Final printed labels in repsonse to Agency letter dated _____
☐ "Me Too" Application.
☑ Other - Explain below.

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

Label amendment to include protection of coatings.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
☑ Yes ☐ No	☐ Yes ☑ No	☐ Yes ☑ No	☐ Metal ☑ Plastic ☐ Glass ☐ Paper ☐ 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	4. Size(s) Retail Container	5. Location of Label Directions
☐ Label ☑ Container	Various	☑ container

6. Manner in Which Label is Affixed to Product ☐ Lithograph ☑ Paper glued ☐ Stenciled ☐ Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
John R. French, Ph.D.	Senior Regulatory Manager	678-627-2226

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowlingly 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
John R. French	Senior Regulatory Manager
4. Typed Name	**5. Date**
John R. French, Ph.D.	January 18, 2011

Arch Chemicals, Inc.
Suite 1100
5660 New Northside Drive
Atlanta, GA 30328
Phone: 678-627-2000
FAX: 678-627-2081

January 18, 2011

Ms. Jacqueline Campbell-McFarlane (PM-34)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: Omacide IPBC 20 (EPA Reg. No. 1258-1222)
Label amendment – coatings protection & marketing claims

Dear Ms. Campbell-McFarlane:

This correspondence constitutes a minor amendment to the existing registration to add instructions for the use of this product to protect coatings against mold, mildew and algae, and to add marketing claims that pertain. Enclosed please find the following:

- Application for pesticide (8570-1)
- Revised master label with proposed changes indicated; one hard copy plus a CD containing the same file.

Please feel free to contact me at any time, either by telephone (direct: 678-627-2226) or by e-mail (JRFrench@archchemicals.com) with regard to this action.

Sincerely,

John R. French, Ph.D.
Senior Regulatory Manager

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

OMACIDE® IPBC 20 Industrial Fungicide

ACTIVE INGREDIENT:

3-Iodo-2-propynylbutylcarbamate	20%
Other Ingredients	80%
Total	100%

KEEP OUT OF REACH OF CHILDREN
DANGER

SEE ADDITIONAL PRECAUTIONARY STATEMENTS ON SIDE PANEL

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, 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.

MANUFACTURED FOR:
Arch Chemicals, Inc.
P.O. Box 724438
Atlanta, GA 31139-1438

Made in the USA.

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

Net Weight: ##########

EPA Reg. No. 1258-1222 EPA Est. No. Xxxx-yy-zz

ACCEPTED
APR 2 1 2011
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1258-1222

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS:
DANGER: Corrosive. Causes skin damage. May be fatal if absorbed through the skin. Causes eye irritation. Harmful if swallowed or inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist. Wear goggles, face shield or safety glasses. APPLICATORS

AND OTHER HANDLERS MUST WEAR: Goggles or face shield, coveralls worn over long sleeve shirt and long pants, chemical resistant gloves (such as Barrier Laminate, Butyl Rubber, Neoprene Rubber, Nitrile Rubber) and shoes plus socks, chemical resistant headgear for overhead exposure and chemical resistant apron when cleaning equipment, mixing or loading. Wear a mask or pesticide respirator jointly approved by the Mine Safety Health Administration and the National Institute for Occupational Safety and Health. Wash thoroughly with soap and water after handling.

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.

USERS MUST:
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 personnel protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly.

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.

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

PESTICIDE STORAGE: Keep container tightly closed when not in use. Do not reuse container. Do not store with strong oxidizing agents or strong (concentrated) acids.

PESTICIDE DISPOSAL: [For containers > 5 gallons] Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, 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. 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.

PESTICIDE DISPOSAL: [For containers < 5 gallons] Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, 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. 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.

[TO INHIBIT THE GROWTH OF MILDEW ON PAINTS & STAINS: This product, used in solvent and waterborne paints and stains will inhibit the growth of mildew. Add this product by pouring from the container, at the end of the manufacturing process and allow to mix long enough to be adequately dispersed. Do not add to hot paint. Typical levels for protection against mildew on painted or stained surfaces are 0.5-2.4% by weight on wet paint. For example, a house paint with a wet density of 10 lbs/gallon would use 5.0- 24.0 lbs. of this product per 100 gallons of wet paint. Where the climate is severe and mildew growth is a major problem for painted surfaces, more would be required, as much as 4.0 % by weight of wet paint. For interior paint use, use 0.2% to 1.2% by weight of wet paint. Appropriate levels are best determined by field trials.]

[FOR PROTECTION OF COATINGS AGAINST MOLD, MILDEW & ALGAE:
This product is designed to be mixed into coatings after manufacture, at or subsequent to the point of sale.
{For 7.5-ounce containers} [Mix entire container into 5 gallons of paint/stain [or measure single gallon doses of 1.5 ounces each [according to the measuring mark on the side of this container]].
{For all other package sizes} [Measure single gallon doses of 1.5 ounces each.]
MIX THOROUGHLY. Apply coating to the surface as directed by the coating manufacturer. Always follow all recommended surface preparation procedures accurately.]

[TO INHIBIT THE GROWTH OF FUNGI IN AQUEOUS METALWORKING, CUTTING, COOLING & LUBRICATING CONCENTRATES: Add, by pouring from the container, an amount that will give up to 5000 ppm in the diluted fluid. The amount required in the concentrate will depend on the end use dilution. For example: If the desired level of this product in the diluted fluid is 500 ppm, and the end use dilution of the fluid is 5%, then a 1.0% concentration of this product is required in the concentrate (500 ppm/0.05 = 10,000 ppm or 1.0%).]

[TO INHIBIT THE GROWTH OF FUNGI IN AQUEOUS METALWORKING, CUTTING, & LUBRICATING FLUIDS: add, by pouring from the container, up to 5000 parts per million (0.5% v/v) of this product to the diluted fluid (0.5 gallons per 100 gallons of solution or 5 liters per 1000 liters of solution) . 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, circulate the fluid after addition to ensure mixing.]

[For use as a fungicide in non-medical, non-food contact aqueous, solvent and non-solvent based systems such as natural and synthetic adhesives, caulks, patching compounds, sealants, grouts, latexes such as SBR/latex used in the manufacture of flooring adhesives or carpet backings. This product can be used as an additive to non-medical, non-food use natural and synthetic adhesives, caulks, patching compounds, sealants, grouts, lattices such as SBR/latex flooring adhesives or carpet backings to prevent the growth of fungi, molds and mildews in the material both in the wet state and in the dry film of the finished product. Use this product to comprise 0.1 to 1.25% of the wet formulation weight. Add this product toward the end of the production cycle with good agitation to ensure a uniform distribution is achieved. For example to inhibit the growth of mildew on a latex-based wall cover adhesive intended for a non-food area add 1% (10 lbs. of this product/1000 lbs. of latex-based adhesive formulation) of this product to the latex-based formulation.]

[PLASTICS AND PLASTIC COATINGS: This product may be used in to prevent surface mildew growth on plastic items such as shower curtains, cable and wire insulation, sun umbrellas, polymer furniture, filter media, polymer components of carpet, etc. Intended plastics include polymers such as PVC,

polyurethanes, elastomers and rubbers, neoprene, styrene compounds, polyolefins etc. Use levels of 1.5 - 5% by weight of the plastic are generally adequate. Disperse this product in the plasticizer or color concentrate before it is incorporated into the resin to ensure a uniform distribution. Do not use this product if the heat of processing is above 350°F for prolonged periods, nor in a plastic that will be in contact with food or medical device applications. For example, to inhibit the growth of mildew on a plastic such as polyurethane boat seat cushion intended for a non-food area add 2.5% (25 lbs. of this product/1000 lbs. of polyurethane formulation) of this product to the polyurethane formulation.]

[**TEXTILES**: This product may be used as a mildewcide applied in both aqueous and solvent based coatings or dyes which are typical to the textile material processing. Typical end use applications of these materials can be: carpet fibers and backings, canvas and cordage, drapes, shower curtains, etc. Not to be used in fabrics for human wear or direct skin contact. Product must be solubilized or stirred in the dye bath or polymer coating pan to minimize mechanical losses and ensure a uniform distribution of the product. Use levels in the range of 0.1-5% by weight of the total processing formulation are typically adequate to prevent fungal growth.
For example to inhibit the growth of mildew on cotton canvas intended for a non-food area add 2.5% (25 lbs. of this product/1000 lbs. of dye bath) of this product to the dye bath formulation.]

[**PAPER COATINGS:** This product may be used as a mildewcide in both aqueous and solvent based coatings which are applied to paper and cardboard substrates. This product can be used to prevent mold and mildew from growing on products such as: corrugated cardboard or soap wrappers, wallcovers, and non-food contact packaging materials, and non food contact paper tapes. Use levels of this product range from 0.1 - 3.75% of this product by weight. Add this product at the end of the production cycle and with good agitation to prevent possible mechanical losses and ensure a uniform distribution.]

[**CANVAS AND CORDAGE**: This product may be used as a mildewcide in both aqueous and solvent based process formulations which coat canvas and cordage. Typical use levels of this product will range from 0.1- 5% of the process formulations used in the process of these canvases and cordages. This product must be added at the end of the production cycle to the process formulation with good agitation to prevent possible mechanical losses and ensure a uniform distribution. For example to inhibit the growth of mildew on cotton canvas intended for a non-food area add 2.5% (25 lbs. of this product/1000 lbs. of process formulation) of this product to the process formulation.]

[**INKS**: This product may be used in aqueous based ink solutions for protection of these solutions against attack of fungal organisms. Add this product at the end of the product cycle with good agitation. This product will generally impart protection when used at levels of 2.5 - 15% based on the formula weight.]

[**Wood Preservation**: This product is a liquid, non-metallic compound designed for use as a wood preservative for use in above ground applications. All recommendations of use levels are in percentage by weight, and refer to this product. Dosage ranges are given for the various applications to indicate the approximate levels for a particular application. Determine exact levels of use from field trials.

Solubilize this product in a suitable solvent or make into an aqueous dispersion, then apply to new lumber, plywood, particle board, millwork, etc., to prevent the growth of mildew, sapstain and wood rot on these substrates. Use this product on wood for above ground use only. Treating solutions may be prepared by dissolving this product in alcohols or aromatic solvents or by dispersion in water. Use 0.5% - 6% of this product, depending upon the severity of conditions for end use, and the extent of time that protection is required. For freshly sawn lumber, use at least 1.0% of this product as a starting level. A one minute dip at ambient temperatures in a solution or aqueous dispersion containing 1.0% of this product is adequate to control the development of mildew and sapstain organisms on the lumber. Because of the great variation in susceptibility of fresh sawn lumber relating to the type of wood, sawing and storage techniques, conditions of humidity, method of treatment, etc., it is usually necessary to carry out field tests to determine the most appropriate means of application and the optimum concentration of this product to be used.
For best results, treat lumber within twenty-four hours after it is sawed. The lumber must be completely immersed in the treating bath, and the treating vat designed to permit easy immersion and removal, and

to minimize spillage. The vat may be cleaned by emptying and rinsing with a suitable solvent or by use of a detergent solution. To add additional product while treating, first prepare the proper solution or emulsion in a separate container (of wood, plastic, or stainless steel construction) and add to the treating vessel. After treatment, stack lumber in a properly maintained seasoning yard with good drainage so that no water will accumulate in any area. The yard must be kept free from weeds and vegetation which may hold moisture and promote growth of decay and stain producing fungi. All debris and lumber scraps must be removed from the area.
A properly laid out yard must take advantage of prevailing winds to permit good air circulation. Main alleys must be at least 16 feet wide. Stack foundations must be sufficiently elevated to permit ready access of air to the pile, and allow water to drain off quickly, including door and window frames, exterior siding, composite board, plywood and other construction lumber when it is important to prevent the growth of mildew, sapstain and wood rot organisms on these materials.
Wood treated with this product does not change in appearance and may be painted when dry. For applications of this type, this product once in solution may be applied by dipping, brushing, spraying or pressure treating. Levels of 0.5% may be used for mildew control. To control rot and decay, do not use less than 1% as a concentration. Use this product in solution in a suitable solvent at concentrations up to 5.0% depending upon the condition of the wood, the nature of the intended exposure, and the length of protection desired.
When brushing, a single coat will usually suffice if the solution is applied liberally. This also pertains to spraying. Do not use this product for wood surfaces which may come in contact with food. Surfaces which may be in continuous contact with skin must be coated with a varnish, or lacquer after treatment with this product. This product may also be used as an additive to stains to be applied to such materials as exterior siding, decks, lawn furniture, etc., in order to prevent the growth of fungal organisms. Use this product at levels from 1% to 4% of weight of the stain formulation.
Our technical services personnel are always available to assist in determining optimum levels for specific systems in any type of application.]

[FOR THE IN-CAN PRESERVATION OF HOUSEHOLD, CONSUMER, INDUSTRIAL, INSTITUTIONAL AND JANITORIAL PRODUCTS: This product may be used for control of yeast, and fungi at concentrations of 0.02% to 0.15%. Example end use applications include; liquid & solid air fresheners, dish detergents, laundry products, soaps & detergents, non-food contact surface cleaners, floor care products, bathroom cleaners, window cleaners, fabric care products, automotive care products, and furniture care products. This product may be used to preserve liquid & solid formulations of the types described above or it may be used to preserve formulations offered as semi-solid gels, polishes, or waxes, or offered as pre-moistened wipes, mops, or sponges.]

{Optional marketing statements}
[Mold, Mildew, Algae in paints,*stains* coatings*adhesives]
[Interior/Exterior [for all oil, latex, water based, and solvent borne paint/ coatings systems]]
[Treats up to xx-gallons] {For paint additive use; depends upon package size}
[Contains Omacide® IPBC 20]

{Stop sign icon} [ ]
[VOC compliant]
[For Over the Counter Sale]
[Low odor]
[Low VOCs]
[Very high flash point]
[Excelling freeze-thaw stability]
[Offers protection against microbial defacement]
[Discoloration of dry paint film is kept to an absolute minimum]
[For use in [most {or} virtually all] interior/exterior water based, oil based stains, coatings, and adhesives]
[Clear product with no separation]

[Thin viscosity]
[Contains one of the most widely used anti-mold [/mildew] ingredients [in the coatings industry]]
[Excellent long term shelf life]
[Extends coating life]

Omacide is a registered trademark of Arch Chemicals Inc.