

87772-2

03-18-2012

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



United States
Environmental Protection
Agency

Office of Pesticide Programs

DublinChin, Inc
c/o Wagner Regulatory Associates, Inc.
P.O. Box 640
Hockessin, DE
19707

MAR 18 2012

Attention: Lori Kohler

Subject: Phicide Sodium (Sodium Pyrithione 41% Aqueous Sololution)
Industrial Fungicide & Bactericide
EPA Registration No: 87772-2
Notification Dated: February 8, 2012

This will acknowledge receipt of your Notification to update the container handling statement per PR Notice 2007-4 and make other minor changes to the product label, submitted under the provision of FIFRA Section 3(c)(9).

Proposed Notification:

Revise Storage and Disposal Statement per PR Notice 2007-4

General Comments:

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

The Notification dated February 8, 2012 is in compliance with PR Notice 98-10 and is acceptable. This information has been added to your file.

If you have any questions concerning this letter, please contact Zebora Johnson at (703) 308-7080.

Sincerely

Marshall Swindell
Product Manger (33)
Regulatory Management Branch I
Antimicrobial's Division (7501P)



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 87772-2	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None Restricted
4. Company/Product (Name) DublinChem, Inc./ Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) Industrial Fungicide & Bactericide	PM# 33	
5. Name and Address of Applicant (Include Zip Code) DublinChem, Inc. c/o Wagner Regulatory Associates, Inc. P.O. Box 640 Hockessin, DE 19707 <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 label change per PR Notice 2007-4. This notification is consistent with the provisions of PR Notice 2007-4 and EPA Regulations at 40 CFR 156.10, 154.140, 156.144, 156.146, and 156.156. 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:

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 type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) HDPE lined bags
* Certification must be submitted		If "Yes" No. per Unit Packaging wgt. container	If "Yes" No. per Package wgt. Containe r

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container
55 gallons

5. Location of Label Directions
 On Label
 On Labeling accompanying product

6. Manner in Which Label is Affixed to Product
 Lithograph
 Paper glued
 Stenciled
 Other ___adhesive backed label_____

Section - IV

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

Name Lori Kohler	Title Agent for DublinChem, Inc.	Telephone No. (Include Area Code) (302) 635-7281
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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 knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature

3. Title
Agent for DublinChem, Inc.

4. Typed Name
Lori Kohler

5. Date
February 8, 2012

6. Date Application Received

(Stamped)

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Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) Industrial Fungicide & Bactericide

Active Ingredient:

Sodium 2-pyridinethiol-1-oxide 41.57%

Other Ingredients: 58.43%

TOTAL: 100.00%

Keep Out of Reach of Children WARNING

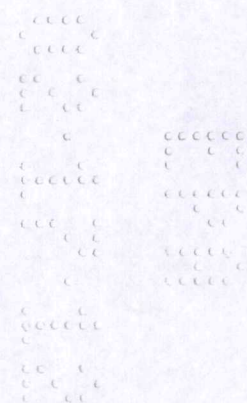
First Aid	
If in Eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a Poison Control Center or doctor for treatment advice.
If on Skin or Clothing	<ul style="list-style-type: none"> • Take off contaminate clothing. Rinse skin immediately with plenty of water for 15-20 minutes. • Call a Poison Control Center or doctor for treatment advice.
If Swallowed	<ul style="list-style-type: none"> • 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. • Never give anything by mouth to an unconscious person.
If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth-to-mouth, if possible. • Call a Poison Control Center or doctor for further treatment advice.
Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.	
Note to Physician: Convulsions, if persistent, may be controlled by careful intravenous use of short-acting barbiturates. Probably mucosal damage may contraindicate the use of gastric lavage.	

EPA Reg. No.: 87772-2

EPA Est. No.:

Net Contents: 55 gallons

Manufactured by:
Dublinchem, Inc
4847 Hopyard Rd. Suite 4-346
Pleasanton, CA 94588



Precautionary Statements
Hazards to Humans and Domestic Animals
Warning

May be fatal if absorbed through the 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.

Chemical Hazards

Do not store or mix this product with strong oxidizing agents.

Environmental Hazards

This product 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 your State Water Board or Regional office of the EPA. This product is a chelating agent and should not be used with other chelating agents or chlorine.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Do not store above 130°F (55°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 Handling:

NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS): Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the 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. Offer for recycling, if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS): Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ 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. Offer for recycling, if available or reconditioning if appropriate 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 people.
- Do not use for applications involving direct or indirect food/drinking water contact.

Aqueous Based Fluids (Metalworking, Cutting, Cooling, and Lubricating Fluids):

To inhibit fungal and bacterial growth add an initial dose of up to 1,250 ppm of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) (1.25 lbs. to 1,000 lbs. of solution) to the solution by pouring from the container and subsequent maintenance doses of up to 1,250 ppm (1.25 lbs. of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) per 1,000 lbs. of solution) every 7-10 days or as needed.

Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) can be used at fluid to water ratios of 1:10 to 1:100. Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) 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 Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution). Drain the system, clean with a cleaner designed for this purpose, rinse with water and refill with fresh fluid containing Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) (up to 1,250 ppm). Frequent checks (at least once per 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 Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) to the fresh fluid according to the above directions. When adding fresh diluted fluid to compensate for dragout or other losses, add Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) to make-up fluid according to the above directions.

To Inhibit the Growth of Bacterial and Fungi in Metalworking, Cutting, Cooling and Lubricating Fluid Concentrates:

Add an amount of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) that will give up to a 1,250 ppm solution. The amount required in the concentrate will depend on the end use dilution. For example: If the desired level of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) is 1,250 ppm and the end use dilution of the fluid is 5%, then a 2.5% concentration of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) is required in the concentrate ($1,250 \text{ ppm} / 0.5 = 25,000 \text{ ppm}$ or 2.5%).

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 up to 1 year, a dosage of up to 1,000 ppm of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) (1 lb. of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) per 1,000 lbs. of emulsion) is recommended. Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) may be added at any time during the formulation procedure by pouring from the container.

In Aqueous Synthetic Fiber Lubricating (Spin Finishes):

To inhibit the growth of bacteria and the formation of bacterial slime in synthetic fiber lubricants (spin finishes) for up to 2-4 weeks during use, add 1,250 ppm (1.25 lbs. per 1,000 lbs. of lubricant) of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) to the diluted lubricant. Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) may be used in lubricant solutions containing 5-10% lubricant concentrate (water to lubricant ratios of 20-1 to 10-1). Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) 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 1,250 ppm of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution). While the inks are in use, a concentration of 0.125% w/w of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) is necessary. The amount of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) 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 (in Months)	% Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution)
8	0.25
12	0.3125
18	0.475
24	0.65
36	1.25

To inhibit the growth of bacteria in neutral or slightly acidic aqueous based jet-printer inks for up to 4 weeks while the inks are in use, add 0.75% w/w of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) to the ink at the time of manufacture. To avoid decomposition of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) during shelf-life of the ink, airtight packaging must be used. In all cases, Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) 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 5,000 ppm (5 lbs. of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) per 1,000 lbs. of formulation of the active ingredient can inhibit microbial growth (bacterial and fungal) in the dry film of these products. Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) 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 2,100 ppm of Phicide Sodium (Sodium Pyrithione 41% Aqueous Solution) (2.1 lbs. per 1,000 lbs. of adhesive).

Disclaimer

To the extent consistent with applicable law, Seller (whether manufacturer, distributor, or other) makes no warranty express or implied, including the implied warranty of merchantability, regarding this product except the composition as set forth in the ingredient statement herein, and shall not be liable for special or consequential damages, the exclusive remedy being the replacement of the product. To the extent consistent with applicable law, buyer and/or user assume all risk of possession, handling or use of this material when such use and/or handling is contrary to label instructions.