

43813-43

05-04-2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

MAY - 4 2010

OFFICE OF
PREVENTION,
PESTICIDES
AND TOXIC SUBSTANCE

William R. Goodwine
Senior Director
Janssen PMP, a Division of Janssen Pharmaceutica NV
1125 Trenton-Harbourton Road
Titusville, NJ 08560-0200

Subject: **WOCASEN® 450 EC**
EPA Registration No. 43813-43
Application Date: February 4, 2010
Receipt Date: February 12, 2010

Dear Mr. Goodwine:

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

Proposed Amendment

- Increase minimum use range from 0.15 to 0.4% based on total weight of formulation for the coatings, caulks, sealants, adhesives, and inks use sites
- Change name of product from WOCASEN® 450 EC to WOCASEN® 450
- Clarify use directions
- Add use charts

Condition

Revise the label as follows:

1. On page 1 in the ingredients section, change the word "INERT" to "OTHER".

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact me by telephone at (703) 308-6416 or email at: campbell-mcfarlane.jacqueline@epa.gov or Heather Garvie by telephone at (703) 308-0034 or email at: garvie.heather@epa.gov

Sincerely,



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

WOCOSEN® 450

Fungicide for Material & Wood Preservation

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY - 4 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. **43813-43**

ACTIVE INGREDIENT: (w/w)	
PROPICONAZOLE	34.0%
IPBC: 3-iodo-2-propynyl butyl carbamate	16.0%
INERT INGREDIENTS: (w/w)	50.0%
TOTAL	100.0%

Product weight: 9.3 lbs/gallon. Contains 2.8 lbs Propiconazole and 1.3 lbs IPBC per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING

FIRST AID	
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 by a Poison Control Center or doctor. • Do not 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, preferably mouth-to-mouth if possible. • -Call a Poison Control Center or doctor for further treatment advice.
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 further treatment advice.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • 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
HOT LINE NUMBER	
For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents) call the National Pesticide Telecommunications Network at 1-800-858-7378. For chemical emergency assistance (spill, leak, fire, or accident), call Chem-Trec at 1-800-424-9300.	
Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment.	
NOTE TO PHYSICIAN: "Probable mucosal damage may contraindicate the use of gastric lavage.	

NET CONTENTS: 50 gallons (189.4 liters)

EPA REG. NO. 43813-43

EPA EST. NO.

Manufactured For:

JANSSEN PMP
a Division of Janssen Pharmaceutica NV
1125 Trenton-Harbourton Rd.
Titusville, NJ 08560-0200

**PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS & DOMESTIC ANIMALS
WARNING**

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Causes skin irritation and moderate eye irritation. Harmful if swallowed, absorbed through the skin, or inhaled. Do not get in eyes or on clothing. Avoid breathing spray mist. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT

Mixers and loaders must wear: Long-sleeved shirt and long pants, socks and shoes, chemical-resistant gloves. Some materials that are chemical-resistant to this product are barrier laminate, or any of the following gloves at \geq 14 mils thickness: butyl nitrile, neoprene rubber, polyvinyl chloride or Viton.

USER SAFETY REQUIREMENTS AND RECOMMENDATIONS

Follow the manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions exist for washables, use detergent and hot water. Keep and wash personal protective equipment separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. User should remove personnel protective equipment immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and shrimp. Do not apply directly to water. Do not contaminate water when disposing of equipment waste waters. Apply this product only as specified on the label.

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 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.

DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL:

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

PESTICIDE STORAGE: Store in a cool, dry place.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinse water 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 HANDLING:

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

[For containers \leq 5 gallons in size] – 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 $\frac{1}{4}$ 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.

[For containers $>$ 5 gallons in size] - 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.

Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

PHYSICAL OR CHEMICAL HAZARDS: Do not use, pour, spill or store near heat or open flame.

SAPSTAIN AND MOLD CONTROL:

WOCOSEN 450 is used to control sapstain and mold in freshly cut hardwood and softwood lumber, poles, posts, timbers and other manufactured wood products. Examples of other wood products include: Logs: Fungal staining can be inhibited in freshly debarked logs used for log home construction, export, yarding prior to sawing and other purposes.

Wood Furnish: Engineered wood composites, such as particle board, wafer board, oriented strand board, and similar products can be protected from fungal discoloration during storage by treatment with WOCOSEN 450.

Wood Chips/Saw Dust: Treatment of wood chips, saw dust or other similar by products intended for papermaking (Not for food grade/food contact paper or paper board) reduces fungal discoloration and lowers bleaching requirements for finished paper products.

Plywood Veneer: Treatment with WOCOSEN 450 is effective for freshly peeled green veneer and other similar plywood furnish that can be especially subject to sapstain and mold development that can interfere with appearance or laminating adhesive performance.

WOCOSEN 450 is used to control sapstain and mold in freshly cut hardwood and softwood lumber, logs, poles, posts and timbers. WOCOSEN 450 is applied by dipping or spraying the wood until complete surface wetting is achieved (see use chart below):

Application rates per type of application system			
Application System	Amount of WOCOSEN 450 to add per 100 gallons solution	Resulting % active ingredient	Amount of active ingredient (ppm)
Bulk Dip Tanks: use 500 – 3,750 ppm active ingredient	12.8 fl.oz.	0.05	500
	96.0 fl. oz. (¾ gallon)	0.375	3,750
Conventional Spray Systems: Use 1,000 – 7,500 ppm active ingredient	25.6 fl. oz.	0.1	1,000
	192 fl. oz. (1 ½ gallons)	0.75	7,500
Electrostatic Spray Systems	Apply undiluted. Deposition is varied by the number of application nozzles used and the line speed.		

Vigorously agitate diluted solutions until completely dispersed. Rates for all applications will vary according to temperature, humidity, wood moisture, storage conditions, etc. Acceptable performance may be obtained at the lower use rate on kiln-dried lumber that is stored for only a short period under dry conditions, while a higher rate typically is used on green lumber or wood that may become wet intermittently or are stored for long periods. Contact your local WOCOSEN 450 product representative for application advice.

Remove sawdust and other debris from treating solution on a regular basis to maintain correct concentration of WOCOSEN 450 in application solution. To prevent fungal attack below the surface of the wood, freshly sawn lumber should be treated within 24 hours. Treated lumber should be protected from rain and removed from direct soil/ground contact.

DECAY AND STAIN PROTECTION

Description: WOCOSEN 450 is a wood preservative concentrate that requires dilution prior to use on wood products to protect against decay (brown and white rot) and staining fungi (blue stain).

Product Uses: For application to millwork, shingles & shakes, siding, plywood, and structural lumber & composites that are used in above ground applications only. Do not use on wood which will come in contact with food.

Wood Preparation: Machine, cut, glue, and sand wood as desired before treating. Do not use over previously finished or stained wood without stripping off old finish. Wood must be clean and dry before treatment. Wood for pressure treatment should be kiln dried or air seasoned to a moisture content, of about 25% or less, that will permit adequate penetration of preservative during treatment.

Treatment: Apply by immersion, roller coater, flood, spray, brush or pressure treatment processes (double vacuum, full-cell or modified full-cell).

Non-pressure application methods – use at 7,750 - 15,000 ppm active ingredient propiconazole (see use chart below):

Application rate for non-pressure application systems		
Amount of WOCOSEN 450 to add per 100 gallons solution	Resulting % of active ingredient	Amount of active ingredient (ppm)
1½ gallons	0.75	7,750
3 gallons	1.5	15,000

Acceptable performance may be obtained at the lower use rate for wood exposed indoors under occasional high humidity or wet conditions, while the higher rate is necessary for wood used in high decay hazard environments exposed to weathering.

Completely immerse wood products to be treated by the bundle-dipping process for three (3) minutes. Treat individual wood pieces treated by immersion, roller-coater or flood for not less than fifteen (15) seconds. Coverage for brush and spray application is approximately 150 square feet per gallon of treating solution, but varies by the species and condition of the wood.

Pressure treatment methods - perform according to the methods described in the American Wood Preservers' Association (AWPA) Standards. A minimum retention level of 0.0375 pounds total active ingredient per cubic foot (pcf) is recommended. All treated wood must be held on the drip pad until drippage has stopped. Retreat cut surfaces by brush or dip using a solution containing 1.5% total active ingredient concentration solution.

Finishing: Before glazing, staining, painting, varnishing, or application of water repellents, treated wood should be completely dry and odor-free. For non-pressure applications, allow 4-8 hours drying time under average temperature and humidity conditions; treated wood can be heat dried for plant production. Pressure treated wood requires drying after treatment to a moisture content suitable for the type of coating to be applied.

Clean-up: Use water to remove wet WOCOSEN 450 wood preservative from all surfaces, brushes and rollers.

COATINGS, CAULKS, SEALANTS, ADHESIVES, AND INKS:

This product may not be used in food grade coatings, adhesives, paper and paperboard, which will come in contact with food.

Sufficient mixing to ensure adequate dispersion of the biocide is required. Use WOCOSEN 450 at levels between 0.40 and 3.75% based on the total weight of the formulation to inhibit fungal disfigurement and deterioration. For solvent-based formulations, WOCOSEN 450 can be dissolved in aromatic solvents or combination of aromatic and aliphatic solvents and added in the letdown or added directly to the finished product. For water-thinned latex emulsion formulation, premix WOCOSEN 450 with wetting agent(s) and add to the pigment slurry, the let down or finished product. Selection of wetting agents is important for determining product compatibility and stability with the latex emulsion formulation.

METALWORKING FLUIDS:

Use WOCOSEN 450 to inhibit fungal degradation of water based and water emulsifiable cutting fluids and coolants used in metalworking operations. Add WOCOSEN 450 to the fluid concentrate or to the diluted metalworking fluid in an amount that will provide 50 to 1,000 ppm total active ingredient in the diluted fluid.

TEXTILES

For the control of odor and stain causing microorganisms in textiles of the following products: shower curtains, carpet backing, awnings, boat covers, canvas, cordage, tents, tarpaulins, and wall coverings.

Addition of up to 0.3% of WOCOSEN 450 (1,500 ppm total active ingredient), based on weight of goods, can inhibit the growth of mold and mildew that cause stains, odors and product degradation in textiles, fabrics and fibers composed of acetate, acrylic, acrylonitrile butadiene styrene, natural fibers (cotton, paper, wool, etc.), nitrile copolymers, nylon, polyester, polyethylene, polypropylene, rayon, rubber (natural & synthetic), coatings/finishes composed of silicone, urethane or vinyl applied to such materials. The material should be added at an appropriate manufacturing step to ensure adequate mixing and complete, uniform coverage of the treated material. Product can be applied by dye incorporation, pad, exhaust, or spray application.

NOTICE OF WARRANTY

Janssen PMP, a Division of Janssen Pharmaceutica NV warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Janssen PMP. To the extent permitted by law, Janssen PMP disclaims any liability for consequential, special or indirect damages resulting from the use, handling, application, storage or disposal of this product or for damages in the nature of penalties, and the buyer and user waive any right that they may have to such damages. **To the extent consistent with applicable law, Janssen PMP makes no warranties of merchantability or of fitness for a particular purpose or any other express or implied warranty except as stated above.**

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* Propiconazole is manufactured by Syngenta, Basel, Switzerland

PMP 04/10