



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 2, 2017

William R. Goodwine  
Director, WW Regulatory Affairs  
Janssen PMP  
Janssen Pharmaceutica, N.V.  
1125 Trenton-Harbourton Road  
Titusville, NJ 08560-0200

Subject: Notification per PRN 98-10 – Formatting Adjustment to the Label  
Product Name: WOCOSEN 250 EC  
EPA Registration Number: 43813-16  
Application Date: 03/31/2017  
Decision Number: 528516

Dear Mr. Goodwine:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact Farzana Olla at 703-347-0190 or via email at [olla.farzana@epa.gov](mailto:olla.farzana@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Farnana Olla". The signature is written in a light gray or blue ink.

for  
Stacey Grigsby, Acting Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

**NOTIFICATION**

43813-16

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

05/02/2017

**WOCOSEN® 250 EC**  
Preservative for Industrial & Commercial Use

ACTIVE INGREDIENT: (w/w)

PROPICONAZOLE\*:

1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]methyl]-1H-1,2,4-triazole.....23.6%

OTHER INGREDIENTS: (w/w).....76.4%

TOTAL.....100.0%

Product weight: 8.85 lbs./gal. (1.06 kg/L)

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

<b>FIRST AID</b>	
<b>If swallowed</b>	-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.
<b>If in eyes</b>	-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.
<b>If on skin or clothing</b>	-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.
<b>If inhaled</b>	-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.
<b>HOT LINE NUMBER:</b> 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, 6:30 AM to 4:30 PM Pacific time, seven days a week. During other times, call the poison control center at 1-800-222-1222. For chemical emergency assistance (spill, leak, fire, or accident), call Chem Trec at 1-800 424-9300.  Have the product container with you when calling a poison control center or doctor, or going for treatment	
<b>NOTE TO PHYSICIAN</b> There is no specific antidote for WOCOSEN 250 EC. Give a saline laxative and supportive therapy.	

NET CONTENTS: 264 gallons (1000 L)

EPA Reg. No. 43813-16

EPA Est. No. 085158-BEL-002

Manufactured for:  
JANSSEN PMP  
a Division of Janssen Pharmaceutica NV  
1125 Trenton-Harbourton Road  
Titusville, NJ 08560

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

**CAUTION**

Harmful if swallowed. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating. Remove contaminated clothing and wash before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Mixers and loaders using liquid formulations must wear:

- Long sleeved shirt and long pants,
- Socks and shoes, and
- Chemical-resistant gloves (such as those made of barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or Viton, Selection Category C)

**User Safety Requirements**

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

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**User Safety Recommendations**

- Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users must remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and shrimp. Do not apply directly to water. Do not contaminate water when disposing of equipment wastewaters. 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 Eliminations 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 Environmental Protection Agency.

## STORAGE AND DISPOSAL

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

### STORAGE

Store in the original container in a cool, dry place.

### PESTICIDE DISPOSAL

Pesticide wastes are toxic. 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.

### 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.

## 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, either directly or through drift. Only protected handlers may be in the area during application.

### SAPSTAIN AND MOLD CONTROL:

WOCOSEN 250 EC 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 250 EC.

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 250 EC is effective for freshly peeled green veneer and other similar plywood furnish that can be especially subject to stain and mold development that can interfere with appearance or laminating adhesive performance.

WOCOSEN 250 EC is applied by dipping or spraying the wood until complete surface wetting is achieved. For **bulk dip tanks** WOCOSEN 250 EC is diluted by using 0.13 – 1 gallon of WOCOSEN 250 EC in 100 gallons of water. Agitate vigorously until

completely dispersed. For **conventional spray systems** a 0.25% to 2% WOCOSEN 250 EC spray solution is used. For example, in a 100 gallon day tank, 0.25 to 2 gallons of WOCOSEN 250 EC are added to the day tank and then enough water is added to bring the total volume up to 100 gallons of solution. In **electrostatic spray** applications, WOCOSEN 250 EC dilution is not required, treatment strength is varied by number of application nozzles used and line speed. Rates, for all applications used, will vary according to temperature, humidity, wood moisture, storage conditions, etc. Contact your local WOCOSEN 250 EC product representative for application advice.

Remove sawdust and other debris from treating solution on a regular basis to maintain correct concentration of WOCOSEN 250 EC in application solution. To prevent fungal attack below the surface of the wood, freshly sawn lumber must be treated within 24 hours.

For sapstain application, treated lumber must be stored under cover, indoors, or at least 100 feet from any pond, lake, stream, wetland, or river to prevent possible runoff of the product into the waterway. Treated lumber stored within 100 feet of a pond, lake, stream, wetland, or river must be either covered with plastic or surrounded by a berm to prevent surface water runoff into the nearby waterway. If a berm or curb is used around the site, it must consist of impermeable material (clay, asphalt, concrete) and be of sufficient height to prevent runoff during heavy rainfall events.

## **DECAY AND STAIN PROTECTION**

**Description:** WOCOSEN 250 EC is a wood preservative concentrate which requires dilution with water prior to use on wood products to protect against decay (brown and white rot) and staining fungi (blue stain).

Treated wood shall not be used in the construction of beehives.

**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). For non-pressure application methods, mix 2 to 4 gallons of WOCOSEN 250 EC with water to achieve 100 gallons of treating solution at the concentration of 0.5 - 1% a.i., respectively. Wood products to be treated by the bundle-dipping process must be completely immersed for three (3) minutes. Individual wood pieces treated by immersion, roller-coater or flood shall be treated 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 must be performed according to the methods described in the American Wood Preservers' Association (AWPA) Standards. A minimum propiconazole retention level of 0.025 pounds per cubic foot (pcf) is recommended. All treated wood must be held on the drip pad until drippage has stopped. Any surface, cut after first treatment must be retreated using 1% a.i. concentration solution.

**Finishing:** Before glazing, staining, painting, varnishing, or application of water repellents, treated wood must 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 250 EC wood preservative from all surfaces, brushes and rollers.

## **COOLING TOWER WOOD:**

Use WOCOSEN 250 EC to protect cooling tower wood against surface rot and internal or dry rot. Apply by spraying or painting a solution containing 0.5% to 1.1% WOCOSEN 250 EC in water onto the clean wood surfaces. The amount applied must provide 0.23 to 0.46 pounds WOCOSEN 250 EC per 1000 sq. ft. of wood surface. Surface rot can also be inhibited by a periodic shock dose of WOCOSEN 250 EC to the recirculating cooling water at the tower basin or cold well. The dosage must provide 1.7 pounds of WOCOSEN 250 EC per 1000 gal. of water and the bleed off must be stopped for 4 to 6 hrs. after treatment. The shock treatment must be repeated every four months.

## **IN CONTAINER PRESERVATIVE USES FOR FILM-FORMING COATINGS AND BUILDING MATERIALS (INCLUDING CAULKS, SEALANTS, ADHESIVES & BINDERS)**

WOCOSEN 250 EC provides control of fungi causing stain, odor, degradation of physical properties, and/or product degradation when used as an in container preservative at levels between 0.2 - 5.0% (0.05 – 1.2% propiconazole), based on the total weight of the coating, or building material, such as mastics, caulks, joint cements, sealants, spackling, patching compounds, grouts, adhesives or emulsions and slurries used in their manufacture. Sufficient mixing to ensure adequate dispersion is required. WOCOSEN 250 EC cannot be used in adhesives applied to food packaging.

## **IN CONTAINER PRESERVATIVE USES FOR PENETRATING (SOLVENT-BASED) STAINS**

WOCOSEN 250 EC provides control of fungi causing discoloration, odor, degradation of physical properties, and/or product degradation when used as an in container preservative at levels between 0.2 – 0.6% (0.05 – 0.15% propiconazole), based on the total weight of the penetrating stain.

## **IN CONTAINER PRESERVATIVE FOR INKS**

WOCOSEN 250 EC provides control of fungi causing stain, odor, degradation of physical properties, and/or product degradation when used as an in container preservative at levels between 0.2 - 5.0% (0.05 – 1.20% propiconazole), based on the total weight of the ink.

## **DRY FILM PRESERVATIVE OF COATINGS AND BUILDING MATERIALS (INCLUDING CAULKS, SEALANTS, ADHESIVES & BINDERS)**

WOCOSEN 250 EC provides control of mold and mildew fungi causing stain, odor, or film degradation when used as a dry film preservative at levels between 0.2 - 5.0% (0.05 – 1.2% propiconazole), based on the total weight of the coating, or building material, such as mastics, caulks, joint cements, sealants, spackling, patching compounds, grouts, and adhesives. Sufficient mixing to ensure adequate dispersion is required. WOCOSEN 250 EC cannot be used in adhesives applied to food packaging. Preserved coating can be applied by brush, roller, or airless sprayer.

## **PENETRATING WOOD PRESERVATIVES AND WOOD PRESERVATIVE STAINS**

WOCOSEN 250 EC provides control of decay and stain fungi on wood treated at levels between 1.0 – 1.4% (0.25 – 0.34% propiconazole), based on the total weight of the wood preservative or wood preservative stain. Do not apply more than 1.4% of WOCOSEN 250 EC (equal to 0.34% propiconazole by weight) per gallon as a preservative in stains. Do not use airless sprayer to apply wood preservative or wood preservative stain. Preserved stain can be applied by brush, roller or low pressure hand wand.

## **PAPER, WALLBOARD (DRY WALL AND GYPSUM BOARD) AND PAPERBOARD PRODUCTS**

WOCOSEN 250 EC will inhibit fungal mold and mildew growth which causes discoloration, odor and degradation in paper, wallboard, and paperboard. Apply with thorough agitation.

WOCOSEN 250 EC can be added to the wet end of a paper machine at rates such that 0.1 to 2.5 pounds active ingredient are retained per ton of dry fiber. Alternately, application may be made at the size press, water box or dry end of the paper machine at rates such that 0.1 to 2.5 pounds of active ingredient are retained per ton of dry paper. Regardless of application method, the maximum rate of application shall be such that not more than 2.5 pounds active ingredient are retained per ton of dry paper.

WOCOSEN 250 EC may be applied to the gypsum core of wallboard to inhibit the growth of fungi. Apply 0.05 to 0.6 pounds of active ingredient per 1000 pounds of formulation (i.e. wet slurry). WOCOSEN 250 EC cannot be applied to paper or paper products that come into contact with food.

#### **CEILING TILES**

To inhibit the growth of fungi in ceiling tiles and in mineral-based building materials used in the manufacture of ceilings, add 0.5 to 4.25 pounds of active ingredient per 1000 pounds of formulation (i.e., wet slurry). WOCOSEN 250 EC can be added at any time during the formulation procedure.

#### **RUBBER AND PLASTIC PRODUCTS**

WOCOSEN 250 EC will control mold and mildew on rubber and plastic products such as curtains, bath mats, and thermoplastic rubber. WOCOSEN 250 EC may be added at rates from 0.1 to 0.5% active ingredient by weight. The temperature stability of WOCOSEN 250 EC may be influenced by the choice of heat stabilizer and plasticizer in the formulation. Testing must be done to confirm compatibility of WOCOSEN 250 EC with specific rubber or plastic products.

#### **METALWORKING FLUIDS:**

Use WOCOSEN 250 EC to inhibit fungal degradation of water based and water emulsifiable cutting fluids and coolants used in metalworking operations. Add WOCOSEN 250 EC to the fluid concentrate or to the diluted metalworking fluid in an amount which will provide 50 to 700 ppm 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 2000 ppm of this active ingredient (8470 ppm of product), 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 must 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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PMP: 28March2017