

43813-37  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

7/15/2014

1/8

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

JUL 15 2014

William R. Goodwine  
Director, WW Regulatory Affairs & Risk Assessment  
Janssen PMP, a Division of Janssen Pharmaceutica, N.V.  
1125 Trenton-Harbourton Road  
Titusville, NJ 08560

**Subject: Amended Reregistration Label**  
WOCOSEN® 500 SL  
EPA Registration Number: 43813-37  
EPA Decision Number: 454626

Dear Mr. Goodwine:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the **Propiconazole RED** and has concluded that your submission is acceptable.

NOTE: This product is **not** being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

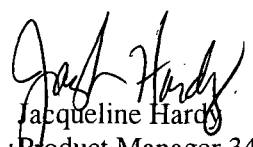
Please note that the record for this product currently contains the Confidential Statement of Formulation (CSF) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated May 9, 2012

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

Should you have any questions or comments concerning this letter, you may contact me by telephone at (703) 308-6416 or by e-mail at [campbell.jacqueline@epa.gov](mailto:campbell.jacqueline@epa.gov) or Srinivas Gowda by telephone at (703) 308-6354 or by e-mail at [gowda.srinivas@epa.gov](mailto:gowda.srinivas@epa.gov) during the hours of 8:00am to 4:00pm EST. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,



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

Enclosure: Stamped label

**ACCEPTED**

07/15/2014

2/8

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 43813-37

# WOCOSEN<sup>®</sup> 500SL

PRESERVATIVE FOR INDUSTRIAL AND 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..... 50.0%

**OTHER INGREDIENTS: (w/w)**..... 50.0%

**TOTAL**..... 100.0%

Contains 4.17 lbs. active ingredient/gallon

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

FIRST AID	
<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 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 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 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. 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 for treatment.	
<b>NOTE TO PHYSICIAN</b>	
There is no specific antidote for WOCOSEN 500SL. Give a saline laxative and supportive therapy.	

NET CONTENTS: 55 gallons (208 liters)

EPA REG. NO. 43813-37      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**

**CAUTION**

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride and viton.

Mixers and loaders using liquid formulations must wear:

- Long sleeved shirt and long pants,
- socks and shoes, and
- chemical-resistant gloves

**User Safety Requirements**

- 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.

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.

**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 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.

<sup>TM</sup>Trademark of Janssen Pharmaceutica.

PMP: July 11, 2014

**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 500SL is used to control sapstain and mold in freshly cut hardwood and softwood lumber, poles, posts, timbers and other 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 500SL.

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 500SL 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 500SL is used to control sapstain and mold in freshly cut hardwood and softwood lumber, logs, poles, posts and timbers. WOCOSEN 500SL 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 500SL to add per 100 gallons solution	Resulting % Propiconazole	Amount of Propiconazole (ppm)
<b>Bulk Dip Tanks:</b> use 500 – 2,500 ppm active ingredient propiconazole	12.8 fl. oz.	0.05	500
	64 fl. oz.	0.25	2,500
<b>Conventional Spray Systems:</b> use 600 – 4,500 ppm active ingredient propiconazole	15.4 fl. oz.	0.06	600
	115.5 fl. oz.	0.45	4,500
<b>Electrostatic Spray Systems</b>	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 500SL product representative for application advice.

Remove sawdust and other debris from treating solution on a regular basis to maintain correct concentration of WOCOSEN 500SL in application solution. To prevent fungal attack below the surface of the wood, freshly sawn lumber must be treated within 24 hours. Treated lumber must be protected from rain and removed from direct soil/ground contact.

## DECAY AND STAIN PROTECTION

**Description:** WOCOSEN 500SL 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 must 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 5,000 – 10,000 ppm active ingredient propiconazole (see use chart below):

Application rate for non-pressure application systems		
Amount of WOCOSEN 500SL to add per 100 gallons solution	Resulting % Propiconazole	Amount of Propiconazole (ppm)
1 gallon	0.5	5,000
2 gallons	1.0	10,000

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. The minimum propiconazole retention level is 0.025 pounds per cubic foot (pcf). 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% propiconazole.

**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 500SL wood preservative from all surfaces, brushes and rollers.

**COATINGS, CAULKS, SEALANTS, ADHESIVES, AND INKS:**

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

WOCOSSEN 500SL 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 0.1 - 2.4% (0.05 - 1.20% 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. WOCOSSEN 500SL cannot be used in adhesives applied to food packaging.

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

WOCOSSEN 500SL 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 0.1 - 0.3% (0.05 - 0.15% propiconazole), based on the total weight of the penetrating stain.

**IN CONTAINER PRESERVATIVE FOR INKS**

WOCOSSEN 500SL 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 0.1 - 2.4% (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)**

WOCOSSEN 500SL provides control of mold and mildew fungi causing stain, odor, or film degradation when used as a dry film preservative at levels between 0.1 - 2.4% (0.05 - 1.20% 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. WOCOSSEN 500SL 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**

WOCOSSEN 500SL provides control of decay and stain fungi on wood treated at levels between 0.5 - 0.7% (0.25 - 0.34% propiconazole), based on the total weight of the wood preservative or wood preservative stain. Do not apply more than 0.7% of WOCOSSEN 500SL (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.

**METALWORKING FLUIDS:**

Use WOCOSEN 500SL to inhibit fungal degradation of water based and water emulsifiable cutting fluids and coolants used in metalworking operations. Add WOCOSEN 500SL 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 (0.4% 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.**