

Janssen Pharmaceutica

WOCOSEN® 450 EC

Fungicide for Material & Wood Preservation

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| 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% |

ACCEPTED

SEP 14 2006

Under the Federal Insecticide, Fungicide, and
Rodenticide, Act as amended, for the
pesticide, registered under
EPA Reg. No. 4-3813-43

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 | |
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| 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 | |
| In case of emergency call 1-800-858-7378. 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." | |
| 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. | |

NET CONTENTS: 2,204 lbs (1000 kg)

EPA REG. NO. 43813-43

EPA EST. NO. 074263-DEU-001

JANSSEN

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

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

Applicators and other handlers must wear: Long sleeved shirt and long pants, socks and shoes, chemical-resistant gloves (such as: Barrier Laminate, or any of the following gloves at ≥ 14 mils thickness: butyl nitrile, neoprene rubber, polyvinyl chloride or Viton), goggles or face shield.

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 personal protective equipment immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly.

ENVIRONMENTAL HAZARDS

For terrestrial uses: Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate. 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 DISPOSAL: Triple rinse (or equivalent), then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

SAPSTAIN AND MOLD CONTROL:

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WOCOSEN 450 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 450 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 450 EC 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 EC is applied by dipping or spraying the wood until complete surface wetting is achieved. For **bulk dip tanks** WOCOSEN 450 EC treating solution is prepared by diluting 0.1 gallons (12.8 oz.) to 0.75 gallons WOCOSEN 450 EC in 100 gallons of water. Agitate vigorously until completely dispersed. For **conventional spray systems** a 0.2% to 1.5% WOCOSEN 450 EC spray solution is used. The treating solution is prepared by mixing 0.2 to 1.5 gallons of WOCOSEN 450 EC in 100 gallons of water. In **electrostatic spray** applications, WOCOSEN 450 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 450 EC product representative for application advice.

Remove sawdust and other debris from treating solution on a regular basis to maintain correct concentration of WOCOSEN 450 EC 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 EC is a wood preservative concentrate that requires dilution with water 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). For non-pressure application methods, mix 1.5 to 3 gallons of WOCOSEN 450 EC in 100 gallons of water. Wood products to be treated by the bundle-dipping process should 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 should be performed according to the methods described in the American Wood Preservers' Association (AWPA) Standards. A 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. Any surface, cut after first treatment should be retreated using 1.5% a.i. concentration solution.

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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 EC wood preservative from all surfaces, brushes and rollers.

COATINGS, CAULKS, SEALANTS, ADHESIVES, AND INKS:

Not for use in coatings and adhesives which will come in contact with paper or paperboard.

Sufficient mixing to ensure adequate dispersion of the biocide is required. WOCOSEN 450 EC should be used at levels between 0.15 and 3.75% based on the total weight of the formulation to inhibit fungal disfigurement and deterioration.

METALWORKING FLUIDS:

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

TEXTILES, FABRICS, CANVAS AND CORDAGE:

For the control of odor and stain causing microorganisms in textiles, fabrics and fibers of the following products: **FURNISHINGS:** curtains, draperies, furniture coverings, shower curtains. **BUILDING MATERIALS:** awnings, boat covers, carpet (fibers and backing), cordage, tents, tarpaulins, wall coverings. Not for use in fabrics for human wear.

Addition of up to 3,000 ppm total active ingredient (0.3% of WOCOSEN 450 EC), 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 Pharmaceutica 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 Pharmaceutica. In no case shall Janssen Pharmaceutica be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. **JANSSEN PHARMACEUTICA MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

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