

Reg no. 1022-54 PM-21

177

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS 767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <i>(Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE Conditional	
	NAME OF PESTICIDE PRODUCT	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

<input type="checkbox"/>	<table border="1"> <tr> <td style="width: 50%;">251829</td> <td style="width: 50%;">101</td> </tr> <tr> <td style="width: 50%;">1</td> <td style="width: 50%;">15</td> </tr> </table>	251829	101	1	15
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NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This pesticide is registered under EPA registration number 1022-54. The Agency requires a label for your product under FIFRA section 3(c)(5) when the Agency requires a label.

ATTACHMENT IS APPLICABLE

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SIGNATURE OF APPROVING OFFICIAL	DATE
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f. In the Environmental Hazards Section change the statement to read:

Do not contaminate water when disposing of equipment washwaters.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

SC

Susan Lewis
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosures

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Product Name: Mitrol PQ-1

Liquid Concentrate for control of sapstain and decay in freshly cut lumber and timber.

Ingredient Statement:

Active Ingredients:	Didecyl dimethyl Ammonium Chloride	64.80%
	3-Iodo-2-Propynyl Butyl Carbamate	7.60%
Inert Ingredients: 27.60%	
Total 100.00%	

This product weighs 7.8 pounds per gallon.
ACCEPTED with COMMENTS in EPA Letter Dated:

MAY 30 1990

KEEP OUT OF REACH OF CHILDREN

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

DANGER

POISON



STATEMENT OF PRACTICAL TREATMENT

1000-542

IF ON SKIN: Wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash clothes before reuse. Get medical attention.

IF IN EYES: Flush immediately with plenty of water for at least 15 minutes and get medical attention.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

EPA Registration No. 1022-? ; EPA Establishment No. 1022-TN-1

DIRECTIONS FOR USE

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

Mitrol PQ-1 is supplied as a concentrate and lends itself to automatic metering and dilutions with water using either the Chapman Sure-Mix or dispenser system, or by simple hand mixing and then may be applied to wood products by dip, spray or flow

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coat. Typically, manual procedures are used when Mitrol PQ-1 is mixed with petroleum solvents.

FOR STAIN AND MOLD CONTROL ON FRESHLY CUT LUMBER AND TIMBERS:

Freshly cut wood should be treated within 24 hours. Otherwise, fungal attack may extend below the surface of the wood beyond the reach of a surface fungicide treatment. Remove sawdust and other debris from the application apparatus daily to maintain solution effectiveness. Freshly treated lumber should be protected from rain.

BASE STRENGTH - For lumber 2 inches or less in thickness, one gallon of Mitrol PQ-1 is combined with 200 gallons of water. Under average conditions, a Base Strength solution provides fungus control when applied to rough cut wood, provided drying, storage and shipment are carried out in accordance with optimum industry standards, at these rates:

- 10 gallons on 8/4 cut per 1000 board feet.
- 15 gallons of 6/4 cut per 1000 board feet
- 20 gallons on 4/4 cut per 1000 board feet.

STRONGER THAN BASE STRENGTH - Stronger solutions are needed for lumber thicker than 2 inches, for tightly bundled lumber, for surfaced wood and for prolonged exposure to adverse conditions such as high humidity or frequent rain or when ultra low volume applicators are used to apply the solution. These higher-than-base strength solutions usually are in the range of one gallon of Mitrol PQ-1 diluted with 50 to 100 gallons of water. Surfaced lumber normally retains only one-half as much fungicide solution as rough cut wood and hence needs a concentrate of double the Base Strength to deposit the necessary amount of fungicide on the wood.

FOR MILLWORK AND OTHER WOOD USES ABOVE GROUND:

For windows, window frames, doors, stairs, porches, shingles, trellises, steps, interior trim, wall paneling, furniture, fence pickets, fence rails, furring strips, arbors, flooring and beverage cases: Mitrol PQ-1 may be diluted with water or mineral spirits before use. Dilute 1 part of Mitrol PQ-1 with 10 parts of water or 1 gallon of Mitrol PQ-1 with 15 gallons of mineral spirits or equivalent solvent. Mild agitation is necessary during the dilution process.

The best results will be obtained if wood to be treated is immersed for 3 minutes or longer. If dipping is not possible, 2 liberal brush or spray applications can be applied. Allow at least 1 hour between applications. Make certain all surfaces are fully treated to obtain the maximum benefits. Allow 24 hours or longer after application of the preservative before painting or until all carrier (water or mineral spirits) has evaporated.

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FOR GENERAL PRESERVATION OF WOOD IN GROUND CONTACT:

Mitrol PQ-1 may be diluted with water or a suitable petroleum solvent such as mineral spirits, diesel fuel, or solvents conforming to AWWPA's Standard P-9, for use in protecting wood from decay under conditions of high decay hazard. Dilute 1 part Mitrol PQ-1 with 10 parts water or 1 gallon of Mitrol PQ-1 with 15 gallons of petroleum solvents. After dilution, the Mitrol PQ-1 can be applied to lumber, posts, poles and other wood products by soaking, spraying or brushing. The degree of protection is directly related to the amount of Mitrol PQ-1 retained in the wood. Soaking will result in higher levels of retention than brushing or spraying and should be used when possible. Fence posts should be debarked and air seasoned until dry and then soaked 24 to 48 hours. The butts should be well treated. Lumber for steps, sills, etc., should be soaked for at least 12 hours. When wood is not to be used in ground contact, brushing or swabbing may be used. The joints should be thoroughly treated.

Commercial wood treating establishments may apply ready-to-use solutions of Mitrol PQ-1 by pressure treatment according to methods described by AWWPA, (American Wood Preservers' Association; P. O. Box 849; Stevensville, MD 21666). For supplemental protection against insect attack, admix appropriately labeled, EPA-registered insecticides to the ready-to-use Mitrol PQ-1 solutions. Follow the directions given on the insecticide product label.

STORAGE AND DISPOSAL

STORAGE: Store in a secure, well ventilated area protected from extreme temperatures. If static generating conditions exist, provide necessary grounding and bonding. Keep containers closed when not in use. Do not transfer to unmarked containers.

DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue 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.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Corrosive. Causes skin burns and irreversible eye damage. Fatal if inhaled. May be fatal if swallowed or absorbed through the skin.

Do not get in eyes, on skin, or on clothing. Wear goggles, protective clothing, and rubber gloves when dipping. Avoid prolonged and/or repeated breathing of vapors, mist, or substantially saturated atmosphere. Wear a MSHA/NIOSH-approved pesticide respirator. Use only in well ventilated areas. Not for use or storage in or around the home. Keep containers closed when not in use. Do not take internally.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is toxic to domestic animals. Treated sawdust and other wood wastes should be disposed of properly and should not come in contact with domestic animals or be used as mulch where it will come in contact with useful living plants. Care should be taken to prevent drip or spray from contacting ornamental shrubs, trees, grass and other desirable vegetation.

Vapors may cause injury if adequate ventilation is not insured. Do not use this product indoors, or any other confined areas, where the vapors may concentrate or migrate indoors and cause injury to plant or animal life.

PHYSICAL AND CHEMICAL HAZARDS

Combustible. Do not use, pour, spill or store near heat or open flame.

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797

WARRANTY STATEMENT AND DISCLAIMER

Proper application is critical to the effectiveness of the product; however, when applied and used according to this label, Mitrol PQ-1 is capable of protecting freshly cut lumber and timber from attack by mold and stain fungi. The actual life of the treatment will be affected by the condition of the wood when treated, the species of wood, the type of exposure, and previous and subsequent treatments.

W A R N I N G: READ THE LABEL THOROUGHLY BEFORE USE. COMPLY WITH ALL DIRECTIONS AND WARNINGS GIVEN, AND USE COMMON SENSE IN HANDLING.

CHAPMAN MAKES NO WARRANTIES, EITHER EXPRESS OR IMPLIED, OTHER THAN AS SET FORTH ON THIS LABEL, AND CHAPMAN DISCLAIMS ANY IMPLIED WARRANTY OR MERCHANTABILITY NOT SPECIFICALLY SET FORTH ON THIS LABEL. CHAPMAN SHALL NOT BE RESPONSIBLE FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE OR OTHER TYPE OF LOSS RESULTING FROM FAILURE TO FOLLOW THE DIRECTIONS FOR USE, WARNINGS AND PRECAUTIONARY LANGUAGE GIVEN ON THIS LABEL. CHAPMAN SHALL NOT BE RESPONSIBLE FOR DAMAGE TO PROPERTY BEYOND THE PURCHASE PRICE OF THIS PRODUCT; HOWEVER, SOME STATES DO NOT ALLOW THE INCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS LIMITATION MAY NOT APPLY TO YOU.