

CHAPMAN

MITROL PQ-57

Reg. # 1022-490
Net Contents

Gallons

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

toxic. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Use goggles or face shield when handling. Do not breathe spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to streams, streams or ponds. Do not contaminate water by washing of equipment or disposal of wastes.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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 DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, 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.

Mitrol PQ-57, a product of Chapman Chemical research, is a non-alkaline water-soluble formulation of copper 8-quinolinolate which mixes readily with water. Mitrol PQ-57 is supplied as a concentrate for automatic dilution with the correct amount of water, using either the Chapman Sure-Mix or Dispenser system or simple hand mixing and may then be applied to wood products by dip, spray or flowcoat. Suitable use dilutions in water range from 1:4 (1 gallon Mitrol PQ-57 to 4 gallons water) to 1:200 depending upon end use and degree of protection needed as described below.

WOOD

For general wood preservation and wood in contact with fruit, vegetables and other foodstuffs, includes boxes and bins, mushroom trays, salads, nursery trays, flats and stakes, fences, shingles, siding, millwork and furniture. Reinspect annually for evidence of termite attack and retreat as necessary. Paintable after 48 hours.

For Above Ground Service: For mild conditions, apply liberally by brush or spray at 1:20 use dilution in water. For severe conditions, dip or a minimum of three minutes.

For Ground Contact Service: For mild conditions apply by dipping or 12-48 hours at a 1:10 use dilution in water. For severe service, use a 1:4 use dilution in water and dip for 12-48 hours.

ANTIMICROBIAL-PRESERVATIVE

CONTROLS DECAY, ROT, MOLD MILDEW AND TERMITES

BEST AVAILABLE COPY

JUN 10 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act, amended, for the pesticide *Corynebacterium sepedonicum* registered under EPA Reg. No. 1022-490.

INGREDIENT STATEMENT	
ACTIVE INGREDIENT	Copper-8-quinolinolate 50%
INERT INGREDIENTS	95.0%
TOTAL	100.0%

MITROL PQ-57 weighs 9.0 lbs. per gallon

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES:** Flush immediately with large quantities of water. GET MEDICAL ATTENTION.
- IF ON SKIN:** Wash with soap and plenty of water. Wash contaminated clothing before reuse.
- IF SWALLOWED:** Drink promptly a large quantity of milk, or water, or dilute solutions, or if these are not available, drink large quantities of water. Avoid alcohol and consult a Doctor.

NOTE TO PHYSICIAN: Probable physical damage may contraindicate the use of specific drugs.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Est. No. 1022-TN-1

EPA Reg. No. 1022-490

DIRECTIONS (Continued)

GENERAL PRESERVATION

Suitable for canvas and other textiles, rope and nets, leather and paper products. Apply by brush, spray or short dip.
For Moderate Service: Dilute 1:30 in water.
For Severe Service: Dilute 1:20 in water.

ENVIRONMENTAL SURFACES

For control of mold and mildew on paint, varnish, concrete, brick, glass, tile, metals, plastic, wood, paper, leather, textiles and asphalt shingles. Reinspect annually and retreat as necessary. Clean surface by washing or, at a minimum, brushing off dirt. Apply by brush or spray to point of runoff.

For Mild Service: 1:200 in water
For Moderate Service: 1:100 in water
For Severe Service: 1:50 in water

POTATO RING ROT

Mitrol PQ-57 is an effective disinfectant against the ring rot bacterium *Corynebacterium sepedonicum*. Mitrol PQ-57 is a useful and effective agent to control potato ring rot contamination from planters, seed handling equipment, seed cutters, storages, trucks, railcars, etc. Mitrol PQ-57 should be applied prior to and during potato seed cutting and planting. Dilute Mitrol PQ-57 1:100 in water with careful agitation. Adding Mitrol PQ-57 to water will lessen the foaming associated with mixing. Spray all surfaces with a non-mist nozzle at about 20 psi. The treatment will be most effective if all surfaces have been washed free of dirt and debris and allowed to dry prior to application. A combination of steam cleaning followed by treatment with Mitrol PQ-57 will be more effective than treatment with Mitrol PQ-57 alone especially for porous surfaces that are hard to clean. Although Mitrol PQ-57 is not phytotoxic to cut seed potatoes, do not treat the potato seed surfaces. The additional moisture applied in rewetting of the potato surface can cause storage problems due to secondary attack from soft rot organisms.

SAP STAIN CONTROL

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 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-57 is combined with 250 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 gal on 8/4 cut per 1000 board feet
- 15 gal on 6/4 cut per 1000 board feet
- 20 gal on 4/4 cut per 1000 board feet

STRONGER THAN BASE STRENGTH—Stronger solutions are needed for thicker than 2 inch lumber, for tightly bundled lumber, surfaced wood and for prolonged exposure to wet conditions. These higher than Base Strength solutions usually are in the range of one gallon of Mitrol PQ-57 diluted with 50 to 100 gallons of water.

Smooth surfaced lumber normally retains only one-half as much fungicide solution as rough cut wood and hence needs a concentration of double the Base Strength to deposit the necessary amount of fungicide on the wood.

NOTICE

Neither Chapman Chemical Company nor the seller makes any representation or warranty, express or implied, concerning this material, other than indicated on the label. Neither shall be held responsible in any manner for any personal injury or property damage or other type of loss resulting from the improper handling, storage or use of this material. The buyer accepts and uses this material on these conditions.

MANUFACTURED BY CHAPMAN CHEMICAL COMPANY
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