



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

PM 22  
1022-476  
174

NOV - 9 1995

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Sangeeta V. Khattar  
Registrations Representative  
IBC Manufacturing Company  
416 East Brooks Rd.  
Memphis, TN 38109

Dear Ms. Khattar:

SUBJECT: Label Amendment to Delete "optimum industry standards (rates)" and Minor Changes  
PQ-8  
EPA Reg. No. 1022-476  
Your Letter Dated July 27, 1995

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy is enclosed for your records. Submit one (1) copy of your final printed labeling before you release the product for shipment.

Correct certain spelling errors. In the Directions for Use Section make the following changes: In paragraph three, line one change "attach" to "attack." In paragraph five, line one change "needed for lumber thicker..." to "needed for thicker..." In paragraph seven, line one change "woods" to "wood." In the Warranty Section in the first line change "fir" to "fit."

If you have any questions, please contact Richard Peacock of my staff at (703) 305-7381.

Sincerely yours,

Theresa Stowe  
Acting Team Leader  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

274  
ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
NOV - 9 1995

Net Contents:

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
1022-476

**PQ-8<sup>®</sup>**

Liquid Antimicrobial Concentrate  
For Control of Sapstain and Mold in Freshly Cut Lumber and Timber

**FOR INDUSTRIAL USE ONLY**

**Ingredient Statement**

**Active Ingredient:**  
Copper 8-Quinolinolate: ..... 5.4%  
**Inert Ingredients:** ..... 94.6%  
**Total:** .....100.0%

Covered by IBC Manufacturing Company  
U.S. Patents Nos. 4,766,113 and No. 4,602,011

EPA Reg. No. 1022-476

EPA Est. No. 1022-TN-1

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Immediately flush with large quantity of water and get medical attention.

**IF ON SKIN:** Flush with water. Remove and wash contaminated clothing before reuse.

**IF SWALLOWED:** Do not induce vomiting. CALL A DOCTOR.

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

**SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

IBC Manufacturing Company  
416 East Brooks Road  
P.O. Box 9158  
Memphis, TN 38109-0158

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

Corrosive. Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles and rubber gloves when handling. Wash thoroughly with soap and water after handling. Do not breathe spray mist. Harmful if swallowed.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. 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 by cleaning of equipment or disposal of wastes.

**DIRECTIONS FOR USE**

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

PQ-8 is a non-alkaline water-soluble formulation of copper 8-quinolinolate which mixes readily with water. PQ-8 is supplied as a concentrate for automatic dilution with the correct amount of water, using either the Sure-Mix or Dispenser system or simple hand mixing and may then be applied to wood products by dip, spray or flowcoat.

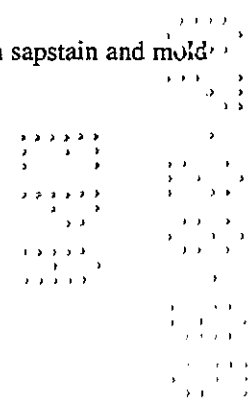
Freshly cut wood should be treated within 24 hours. Otherwise fungal attach may extend below the surface of the wood, beyond the reach of a surface fungicide treatment. Remove sawdust and other debris from application apparatus daily to maintain solution effectiveness. Freshly treated lumber should be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

**BASE STRENGTH:** For lumber 2 inches or less in thickness, one gallon of PQ-8 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.

**STRONGER THAN BASE STRENGTH:** Stronger solutions are needed for lumber 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 PQ-8 diluted with 50 to 100 gallons of water..

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

Woods products for use in the particle board production process may be protected from sapstain and mold by the same treating processes recommended for freshly cut lumber and timber.



**STORAGE AND DISPOSAL**

**PROHIBITIONS:** 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.

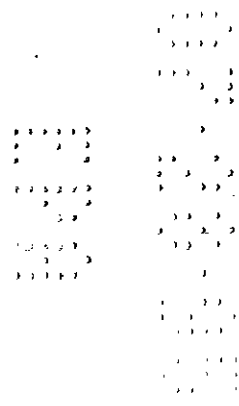
**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**GENERAL:** Consult Federal, State or local disposal authorities for approved alternative procedures.

**WARRANTY AND LIMITATION OF DAMAGES**

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. **SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO EXCEPT IN WRITING WITH A SPECIFIC REFERENCE TO THIS WARRANTY.** In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

*IBC Labels/PQ-8  
Label Amendment - Deletion of Rates  
Submitted July 27, 1995*





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**BEST AVAILABLE COPY**

In EPA Letter Dated  
10/7/80

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