

1022-476

7-21-2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

July 21, 2003

Gail Early
Registrations Representative
IBC Manufacturing Company
416 E. Brooks Road
Memphis, TN 38109

Subject: PQ-8
EPA Registration No. 1022-476
Application Date: June 12, 2003
EPA Received Date: June 26, 2003

Dear Ms. Early:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide (FIFRA), as amended, is acceptable with the conditions listed below:

Proposed Amendment

- Update First Aid Statement per PR Notice 2001-1

Conditions

Revise the label as follows:

1. Since this product has a Toxicity Category I for eye irritants, include the following statement in close proximity to, but clearly distinguished from the First Aid Statements:

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

CONCURRENCES

SYMBOL	7510c							
SURNAME	G. Early							
DATE	7-18-03							

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2. Revise the Environmental Hazards Statement by changing the phrase "...without previously notifying the sewage treatment plant authority." to read "...without previously notifying the local sewage treatment plant authority."
3. Revise the Storage and Disposal Statements by placing the statement "Open dumping is prohibited." with the Container Disposal section.
4. Revise the Storage and Disposal Statements by creating Pesticide Storage instructions. Refer to PR Notice 83-3 for guidance.

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit three(3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact me at 703-308-6422.

Sincerely,



Adam Heyward
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510 C)

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ACCEPTED
with COMMENTS
EPA Letter Dated:

JUL 21 2003

PQ-8®

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

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 under U.S. Patents Nos. 4,766,113 and No. 4,602,011 Net Contents:

EPA Reg. No. 1022-476

EPA Est. No. 1022-TN-1

KEEP OUT OF REACH OF CHILDREN

DANGER

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FIRST AID	
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 treatment advice.
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 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 further treatment advice.
IF INHALED:	<ul style="list-style-type: none"> Remove 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.
HOT LINE NUMBER	
In case of emergency, call Chemtrec toll free at 800-424-9300.	
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

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 irreversible eye damage. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear protective clothing, goggles, and rubber gloves when handling. Wash thoroughly with soap and water after handling. Do not breathe spray mist. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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 sewage treatment plant authority. For guidance, contact your State Water board or Regional Office of the Environmental Protection Agency. 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® fungicide is a non-alkaline water-soluble formulation of copper 8-quinolinolate which mixes readily with water. PQ-8 is supplied as a concentrate for dilution with 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 as soon as possible, but not more than 24 hours after cutting. 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 **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. In higher hazard conditions (elevated temperature, humidity, etc.) more concentrated solutions may be used. See below.

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 **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.

Wood 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.

GENERAL WOOD PRESERVATION:

Suitable for general wood preservation and wood in contact with fruit, vegetables, and other foodstuffs. Includes boxes and bins, mushroom trays, pallets, nursery trays, flats, stakes, fences, shingles, siding, millwork, timber, lumber and furniture.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

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 DISPOSAL: DO NOT reuse empty container. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate in accordance with Federal, State, or local authorities.

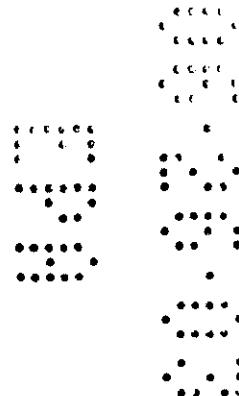
BULK CONTAINERS (TOTE TANKS): Triple rinse (or equivalent). Return empty container to point of purchase for refill.

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

**WARRANTY
AND
LIMITATION OF DAMAGES**

Seller warrants to those persons lawfully acquiring title to this product that at the time of the first sale of this product by seller this product conformed to its chemical description and that it was reasonably fit for the purposes stated on the product label when used both in accordance with the Direction for Use appearing on the product label and under normal conditions of use. Buyers and users of this product assume the risk of all loss or damage from use or handling of this product that results from their failure to read and comply with the Directions for Use of this product which appear on the product label. 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. Unless expressly prohibited by state law, the liability of seller for any breach of warranty shall not exceed the purchase price of the product as to which a claim is made.

PQ-8 is a registered trademark of IBC Manufacturing Company.



File: IBC/ISK Product Labels/IBC Labels/Copper-8-Quin/PQ-8 Label Amd/PQ-8 Final Printed Label 2/97
Latest EPA Stamped Approved Label: November 9, 1995
Final Printed Label Submitted to EPA: February 14, 1996
Circulated for Internal Review on August 6, 1996 - revisions under the Directions for Use Section
(additional language) and Storage & Disposal (addition of bulk containers).
Label Amendment - Revisions under the Directions For Use Section and Storage and Disposal Section.
Submitted to EPA for Review on September 27, 1996.
EPA accepted the September 27, 1996 label amendment on December 30, 1996.
This PQ-8 label was submitted to EPA on February 12, 1997 as the Final Printed Label.
Label submitted to EPA June 2003 to update First Aid Statements.

