PO-80®
PO-80® is a registered trademark of IBC Manufacturing Company, Inc. Adjust-O-Bor® is a registered trademark of ISK Americas Corporation.

Antimicrobial-Preservative

Keep out of reach of children

First Aid

In Eyes:

Wash eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

In Swallowed:

Call 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 to do so by the poison control center or doctor.

In Skin or Clothing:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

Hot Line Number

In case of emergency call Chemtrec toll free at 1-800-424-9300.
Have the product container or label with you when calling a poison control center or doctor for treatment advice.

Note to Physician

Probable mucosal damage may contaminate the use of gastric lavage.

INSTRUCTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with the instructions on the label. PO-80 is a non-alcohol water-soluble formulation of copper II-quinolate which mixes readily with water. PO-80 is supplied as a concentrate for dilution with water and use in combination with the San-Mar or Dispenser system or simple hand mixing and may then be applied to wood products by dip, spray or fog/water. Suitable dilutions range from 1:3 (1 gallon PO-80 to 3 gallons water) to 1:40 depending upon use and degree of protection needed as described below.

Wood

For general wood preservation and wood in contact with fruit, vegetables, and other foods, use 1:40 dilution and apply after the crops are harvested or during dormancy. Insecticidal treatment should be applied 4 to 6 weeks after crops are harvested.

Ground Contact Surface: Durability is directly related to the amount and uniformity of distribution in the wood. Dilute 1:10 with water and apply liberally by hand or sprayer. For maximum durability dip for 24 to 48 hours to obtain a minimum absorption of 6 pounds of preservative solution per cubic foot of wood. Where dip treatment is not possible, apply a liberal brush application of a 1:3 dilution.

General Preservation: Suitable for cemetary and other outdoor uses, and for paper, cotton, and paper products. Apply by brush, sprayer or hand dip at 1:50 to 1:125 depending upon the severity of the attack.

Sapstain Control in Fresh Cut Lumber and Timber

PO-80 is an effective preventative fungicide against a broad spectrum of fungi, including those which cause delamination of fresh-cut lumber. When applied to freshly sawn timber, PO-80 is effective as a preventative fungicide against most, and staining/fungal organisms are controlled as a result in 2 to 3 months.

Frequently cut wood should be treated as soon as possible. Effective control requires complete coverage of the wood surface by the fungicide as a preventative application prior to transport to the lumberyard. Wood which has been colonized by mold or sapstain long prior to treatment will not be protected.

Frequently treated lumber should be protected from rain which will reduce the effectiveness of the treatment.

This product may be used as a supplemental surface fungicide on dry or partially season wood to prevent stain and mold during storage, transport, or holding in concentration yards. Extremely hot and humid conditions may decrease the development of molds and sapstain. Under these conditions, use the higher recommended rate of 0.1 gallon per 100 gallons of solution. A minimum retention of 10 milligrams per square foot of copper II-quinolate is recommended.

Wood products for use in making particle board may be protected from molds and sapstain by the same treatment process used for fresh cut lumber and timbers.

Add the required amount of PO-80 exactly to the mixing tank while filling. Continuously agitate and stir during treatment.

Dip Bath Vats:

For bundles of lumber which are to be treated in a dip tank or vat, add at a rate of 1/4 to 1 gallon of PO-80 to 100 gallons of water. Submerge the lumber bundle for at least one minute ensuring all lumber surfaces are exposed to the treating solution. Agitation of the dip vat solution is required to maintain a uniform suspension of the treatment materials in the tank if b Uncor is added to the dip solution. During dipping, bundle the cut bundles loosely to allow maximum penetration of the treatment material into the bundle.

Non-Bulk Vats:

For individual boards which are treated in the across-the-crown manner (non-bulk vats), add at a rate of 1/4 to 1 gallon of PO-80 to 100 gallons of water and mix thoroughly.

Low Volume Spray Machines:

For individual boards which are treated in low volume spray machines, add 1/4 to 1/2 gallon of PO-80 to 20 gallons of water. Smooth surface lumber normally retails only about one-half as much fenugreek solution as rough cut wood and therefore, needs the higher rate to depress the necessary amount of fungicide on the wood. Some agitation is required in nurse tanks to maintain a uniform suspension if fenugreek is used in the spray mixture.

Note: For best results, the use of a buffering agent such as borax or Adjust O-Bor®, is recommended. Use 10 to 12 pounds of 10% borax or one gallon of Adjust-O-Bor® for each gallon of PO-80, to maintain the pH around 6. These levels of borax will depress corrosion and enhance fungicide activity.

Environmental Surfaces

For control of mold and mildew on paint, varnishes, concretes, bricks, glass, tile, metal, plastics, wood paper, tiles, textiles and asphalt shingles. Reinstalls antiseptic and retards as necessary. Clean surface by washing or, at a minimum, brushing off. Apply by brush or spray to point of runoff.

For milad services, dilute 1:400 in water. For moderate services, dilute 1:200. For severe services, 1:100.

Potato Ring Rot

PO-80 is an effective disinfectant against the ring rot pathogen, Cryptococcus personatus. PO-80 is a useful aid in the effort to control potato ring rot contamination from planters, seed handling equipment, cutters, cutters, storages, trucks, vats, etc. PO-80 should be applied prior to and during potato seed cutting and planting.

Dilute PO-80 1:200 in water with careful agitation. Adding PO-80 to water will lessen the foaming associated with mixing. Spray6 all surfaces with a non-mist nozzle at about 30 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 PO-80 will be more effective than treatment with PO-80 alone, especially for porous surfaces that are hard to clean. Although PO-80 is not physiotoxic to rest potatoes, do not treat the potato seed surfaces. The additional moisture applied in wetting the potato surface can cause storage problems due to secondary attack from soil rot organisms.

Precautionary Statements

Danger

Hazards to humans and domestic animals

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or on clothing. Wear goggles and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment (PPE):

Handlers must wear:

- Goggles or face shield and chemical-resistant gloves (such as made out of any waterproof material)

Environmental Hazards

This product is toxic to fish. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of waste. 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 Environmental Protection Agency.

Storage and Disposal

Do not contaminate waste water, food or feed by discharge or disposal.

Storage: Store away from food or feed in a secure, well-ventilated area protected from extreme temperatures. Do not transfer to unsealed containers. Keep container closed when not in use.

Waste Disposal: Pesticide wastes are hazardous. Improper disposal of excess pesticide or residual is a violation of Federal Law. If these wastes cannot be disposed of by the user according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at your nearest CNP Regional Office for guidance.

Container Handling: Nonreturnable Container. Do not reseal or refill this container. Clean container promptly after emptying.

User Safety

- Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users must shower or bathe immediately if pesticide gets inside. Then wash thoroughly and put clean clothing.
- Users must remove PPE immediately after handling this product.
- Wash outside of gloves before removing. As soon as possible, wash thoroughly.

Manufactured for:

BK Biocides, Inc.
416 E. Brooks Rd., Memphis, TN 38109

EPA Reg. No. - 1022-489-71581
IBD-PB-2011
11/12

Printed in U.S.A.

EPA Est. No.1022-TN-001

Ingredient:

Copper II-quinolate

10.0%

Inert Ingredients:

Metallic Copper Equivalent 0.326%

Total

100.0%