QUAT-50 is a concentrated biocide for use as a wood preservative. When used as directed, QUAT-50 will protect treated wood articles from the destructive attack on fungi, mold mildew and other Recuticulturnes and Formosanus species of termites. Treatment can be done by dip method, although dip treatment cannot be used for protection against termites. Wood articles that will be protected by these treatments would include millwork, construction timbers, decking, wood shingles, posts and other articles to be used in above ground applications.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. QUAT-50 can be used alone or in combination with other EPA-registered organic and inorganic wood preservatives.

1) QUAT-50: Dilute QUAT-50 in either water or mineral spirits to produce a 0.5% to 3.0% active quaternary ammonium compound (DDAC) solution. Use a concentration of 0.5-3.0% active quaternary compound (DDAC); the concentration should be customized to the degree of sapstain protection desired, which should be determined by an independent test on the intended species of wood.

2) QUAT-50 and Borates: Mix QUAT-50 and TIM-BOR, EPA Reg. No. 1624-39 in water and stir to give a solution of the desired concentration of components.

DIP TREATMENT:

Stack the wood to be treated on a suitable holder and convey the stack into the treating solution making sure that the stack is completely immersed. Dip times should range from 30 seconds (individual pieces) up to 30 minutes (bundled wood articles).

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. QUAT-50 can be used alone or in combination with other EPA-registered organic and inorganic wood preservatives.

1) QUAT-50: Dilute QUAT-50 in either water or mineral spirits to produce a 0.5% to 3.0% active quaternary ammonium compound (DDAC) solution. Use a concentration of 0.5-3.0% active quaternary compound (DDAC); the concentration should be customized to the degree of sapstain protection desired, which should be determined by an independent test on the intended species of wood.

2) QUAT-50 and Borates: Mix QUAT-50 and TIM-BOR, EPA Reg. No. 1624-39 in water and stir to give a solution of the desired concentration of components.

DIP TREATMENT:

Stack the wood to be treated on a suitable holder and convey the stack into the treating solution making sure that the stack is completely immersed. Dip times should range from 30 seconds (individual pieces) up to 30 minutes (bundled wood articles).

Use a concentration of 0.5-3.0% active quaternary compound (DDAC); the concentration should be customized to the degree of sapstain protection desired, which should be determined by an independent test on the intended species of wood. Dip treatment should not be used when protection against termites is desired.

STORAGE AND DISPOSAL

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

Pesticide Storage: Do not store on side. Avoid creasing or impacting of side walls.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsewater is a violation of Federal law. If these pesticides 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: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying.

(Plastic and Metal Containers): Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Repeat this procedure two more times.

(For metal containers only: DO NOT cut or weld metal containers.)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed or inhaled. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, protective clothing and impervious gloves. Do not breathe dust, vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking and using tobacco.

Individuals who enter pressure treatment cylinders and other related equipment that are contaminated with the wood treatment solution (e.g. cylinders that are in operation or are not free of the treatment solutions) must wear protective clothing including overalls, jacket, gloves and boots impervious to the wood treatment formulation. Federal, state and local confined space entry procedures must be followed.

Applicants must not eat or drink, or use tobacco products during those parts of the application process that may expose them to the wood treatment formulation (e.g., manually opening/closing cylinder doors, moving trams out of cylinders, mixing chemicals, handling freshly treated wood).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated. Do not reuse them. Follow manufacturer’s instructions for cleaning/maintain protective equipment. If no such instructions exist for washables, use detergent and hot water. Keep and wash protective equipment separate from other laundry.

PHYSICAL OR CHEMICAL HAZARDS

Do not store near heat or open flame.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wash waters. 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 EPA.