

PENASHIELD®

Penetrating Fungicide, Termiticide & Preservative

CLEAR WOOD PRESERVATIVE

Use PenaShield to control wood decay and insect damage on all interior and exterior wood.

Meets AWWA Standard for End Cuts *(interior use only)*

Active Ingredient:

Disodium Octaborate Tetrahydrate
(CAS No. 12008-41-2)..... 8.5%

Other Ingredients..... 91.5%

Total..... 100.0%

EPA Reg. No. 64405-5 • EPA Est. 64405-TN-1

Keep Out of Reach of Children

CAUTION

See booklet for First Aid and additional Precautionary Statements



6 16609 77707 8

Net Contents: 1 Gallon (3.785 Liters)

Nisus

Nisus Corporation®

100 Nisus Drive • Rockford, TN 37853
(800) 264-0870

FIRST AID

If Swallowed

- Immediately 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 to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

If on Skin or Clothing

- Take off contaminated clothing.
- Immediately rinse skin with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

If in Eyes

- 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 eye.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or absorbed through the skin. Causes eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear long sleeve shirt and long pants; chemical resistant or water repellent gloves; shoes plus socks.

Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

DIRECTIONS FOR USE

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

Notice

Read and understand the entire label before using. Use only according to label directions. Before buying or using this product, read **Warranty Disclaimer** and **Limitation of Remedies** statements found elsewhere on this label. If terms are unacceptable, return unopened package to seller for full refund of purchase price. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under **Warranty Disclaimer** and **Limitation of Remedies**.

Safe Handling Procedures

Clean spills and over-spray with a damp cloth or absorb with appropriate materials. When applying this product in confined spaces, it is recommended that ventilation or an exhaust system be provided. If this is impractical, the use of a NIOSH-approved respirator designed for protection from organic vapors is recommended.

Product Information

PenaShield is a ready-to-use product that is applied to wood. PenaShield will both control and prevent infestations of wood destroying organisms, such as subterranean and drywood termites, wood boring beetles, carpenter ants and decay fungi. It may take several days for the infestation to be controlled, however, any termites that start to ingest treated wood or that are directly sprayed will die. As a termiticide, this product is not intended as a substitute for mechanical alteration, soil treatment or foundation treatment; when active infestations exist, get a professional inspection.

Surface Preparation

Apply only to bare, dry wood. Remove any finishes or water repellents before applying PenaShield. Clean surfaces to be treated to ensure they are free of dirt and other contaminants. If the finished appearance is a primary concern, also remove mold and mildew prior to application of PenaShield. If detergents or cleaners are used to prepare the surface, thoroughly rinse and allow surface to dry prior to application of PenaShield.

Maintenance of Treated Surfaces

Apply PenaShield every 1 to 5 years to exterior unfinished bare wood surfaces. Interior surface treatments of existing wood are considered permanent and do not require reapplication or coating except in situations involving repeated moisture contact or high humidity, such as shower stalls, bathhouses, saunas, etc. Any additional installed wood must be treated. Protection may be extended by coating/painting treated wood with a water-resistant finish such as paint or exterior stain. Although a wide variety of paints and stains have been successfully used over PenaShield-treated wood, it is always a good idea to coat a small section of treated wood with the finish to be used and check for compatibility prior to complete application. Allow PenaShield-treated wood to completely dry (at least 24 hours) before applying any protective finish and apply protective finish within 2 weeks of treatment.

Cleanup

Use soap and water to clean up tools.

Application Instructions

Apply PenaShield only to bare wood or to wood surfaces where an intact water-repellent barrier is not present. Either brush on or apply with a low pressure sprayer. Small wooden items, field cuts or end cuts may also be treated by dipping. Return unused product to original container and seal tightly. Always clean and/or flush equipment and lines with water after use. When applying more than one coat, wait at least 20 minutes between applications. No immersion or dip soaking necessary.

When spraying attics or overhead interior areas, cover all surfaces below the treated area with plastic sheeting to prevent damage to ceiling boards, insulation or other materials. Do not apply in food serving areas while food is exposed. When applying PenaShield to exterior surfaces, cover nearby plants and grasses with plastic to avoid affecting normal plant growth.

Protect treated wood from rain or snow for at least 24 hours. If necessary, cover treated wood with a tarp.

Treatment	Application Notes
Exterior and interior wood preservation	Apply one coat of this product to all exposed sides of wood at the rate of 1 gallon to 150 to 250 square feet of wood surface area. Actual coverage will vary depending upon the surface texture and porosity of the wood being treated. Apply a second coat to wood thicker than one 1 inch. Apply 1 coat when treating interior field cuts and end cuts.
Exterior wood treatment to control active infestations	<p>In cases of heavy infestations or where there is a risk of structural failure, consult a professional pest control operator to ensure full and proper application. Apply this product to the point of runoff to all infested wood. Always apply 2 coats to all surfaces. In areas where access is limited to 1 or 2 sides of a wood member, apply multiple coats of this product to the exposed surfaces.</p> <p>Treat infested wood by spraying all surfaces and/or injecting this product into termite and carpenter ant galleries and decay pockets. Apply 2 coats to all surfaces. In cases where the infestation is not accessible from the surface, drill small holes into the wood to gain access to insect galleries or infested areas. Inject enough solution to completely flood the infested area.</p>
Interior wood treatment to control active infestations	<p>Treat infested basements and crawl spaces by applying 2 coats of this product to all wood surfaces including sill plates, piers, girders, subfloors, floor joists and any wood exposed to vertical access from the soil. Apply multiple coats of this product to wood where access is limited to 1 or 2 sides of wood members such as sills and plates on foundation walls. Apply at a rate of approximately 1 gallon of this product per 100 square feet of crawl space or basement floor area (approximately 200 sq. ft. of wood surface area).</p> <p>Treat infested studs and headers in wall voids by spraying or misting this product into voids and channels in infested wood and/or through small holes drilled into baseboard areas or adjacent to the wood to be treated. Space holes no more than 16" apart. Drill at least 1 hole between each wall stud when treating base plates. Use sufficient amounts of material to cover all areas to the point of runoff. Note: If insulation is present in the wall void, it must be removed prior to treatment. If necessary, first remove dry wall or paneling and then the insulation. Spray studs and headers with this product, allow to dry, then replace insulation and wall. Apply 2 coats to all surfaces.</p> <p>Treat infested attics by spraying all accessible wood surfaces including roof sheathing, ceiling joists, rafters and top plates to the point of runoff. Apply 2 coats to all surfaces. Apply at the rate of 1 gallon of this product per 200 square feet of wood surface area.</p>
Preventative treatment against listed insects for protection of new wood	<p>Treat wood paneling, lumber, plywood and other wood surfaces/structures either as received from the lumberyard, during the construction process, or upon completion of construction. Apply while the wood surface is most accessible. Liberally apply 1 coat of this product to all exposed sides of lumber or plywood. For lumber thicker than 1 inch, apply a second coat after the first has been absorbed.</p> <p>Do not use as a preventative treatment for new construction in Florida.</p>

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a dry place. Do not store where children or animals may gain access. Protect from freezing. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Handling:** Non-refillable container; do not reuse or refill this container. Offer for recycling, if available, or reconditioning, if appropriate; otherwise, call your local solid waste agency for disposal instructions. Promptly triple rinse (or equivalent) container after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

WARRANTY DISCLAIMER

To the extent not prohibited by applicable law, Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. **To the extent not prohibited by applicable law, MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

Inherent Risks of Use

The directions for use of this product are believed to be adequate and must carefully be followed. It is impossible to eliminate all risks associated with use of the product. Lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions, abnormal conditions, the presence of other materials, climatic conditions or the manner of use/application, all of which are beyond the control of the Manufacturer. To the extent not prohibited by applicable law, the buyer/user assumes all such risks.

Limitation of Remedies

To the extent not prohibited by applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability or other legal theories) shall be limited to, at Manufacturer's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent not prohibited by applicable law: a) Manufacturer shall not be liable for losses or damages resulting from handling or use of this product unless Manufacturer is promptly notified of such loss or damage in writing; and b) **TO THE EXTENT NOT PROHIBITED BY APPLICABLE LAW, IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMIT, HEALTH RELATED DAMAGES OR INJURIES.**

The terms of this **Warranty Disclaimer** and **Limitation of Remedies** cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Manufacturer or the seller is authorized to vary or exceed the terms of this **Warranty Disclaimer** or **Limitation of Remedies** in any manner.

It is not intended that this product be used to practice any applicable patent, whether mentioned or not, without procurement of a license, if necessary, from the owner, following investigation by the user.



Nisus Corporation[®]

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