**Protection Deep Into Your Wood**

Protects Wood from the Attack of Boring Beetles, Carpenter Ants, Fungi, Rot and Termites.

**Active Ingredient:**
- Diaocylate Tetrahydroxydodecyl (CAS No. 12088-11-2) 98%
- Other Ingredients 2%
- Total 100%

**Application:**
- **Dipping:**
  - Simply mix PeneTreat and distribute evenly over wood surface. Place logs, beams, trim, etc. into solution and let soak for 6-10 minutes, depending on log diameter. Let excess liquid drain off.
- **Kerf-flooding:**
  - Logs 9” in diameter and larger are often kerfed to control decay of wood surface. Drying of the wood surface may be required before application. After drying, apply PeneTreat, fill the kerf and cover with PeneTreat.
- **Hole-flooding:**
  - A method similar to kerf-flooding. Note: Be sure the hole is large enough for PeneTreat to flow into the kerf to dissolve and carry the PeneTreat into the wood. Brush or spray the exterior of the logs with the PeneTreat. This helps build up the moisture level in the outer shell of the wood and will provide excellent "shell" protection for timbers and logs to a depth of ¾” – which is adequate for most applications.

**Preparation:**
- Do not apply to frozen wood. Apply PeneTreat only when temperature is above 40ºF.
- Allow wood to dry until just slightly damp before applying PeneTreat. Do not apply to wet wood. Application on mill soft or green wood is not recommended. Do not use on softwood lumber, such as aspen, hemlock, etc., or where eventually in contact with water, as these woods contain heavy metals that can react adversely with the PeneTreat.
- If using hole or kerf flooding, move the wood to a drying area after applying PeneTreat. This helps reduce the amount of evaporation occurrence during application and improves the effectiveness by allowing the PeneTreat to penetrate into the wood more effectively.
- Additional Precautionary Statements:
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- Allow wood to dry until just slightly damp before applying PeneTreat. Do not apply to wet wood. Application on mill soft or green wood is not recommended. Do not use on softwood lumber, such as aspen, hemlock, etc., or where eventually in contact with water, as these woods contain heavy metals that can react adversely with the PeneTreat.
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**Hazards to Humans and Domestic Animals**
- Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Thoroughly wash exposed skin and clothing with soap and water after handling.

**FIRST AID:**
- IF IN EYES: Call a poison control center or doctor for treatment advice. Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- IF INHALED: Call a poison control center or doctor for treatment advice. Do not give anything by mouth to an unconscious person. Do not induce vomiting unless told to do so by a poison control center or doctor.
- IF SWALLOWED: Do not give anything by mouth to an unconscious person. Do not induce vomiting unless told to do so by a poison control center or doctor. Call a poison control center or doctor for treatment advice. Keep patient comfortable and quiet. Call a poison control center or doctor for treatment advice. There is no special decontamination equipment required.

**Additional Precautionary Statements:**
- Vertical walls may be contained by using plastic sheeting to form an accumulation basin.
- Pesticide Disposal:
  - THIS PRODUCT IS TOXIC TO FISH AND WILDLIFE. To protect the environment, do not allow pesticide to enter or run off into storm drains, surface water, or sewers. Do not contaminate water supplies.
  - Wastes resulting from the use of this product may be disposed of on site or at an approved disposal facility.
  - Runoff from vertical walls may be contained by using plastic sheeting to form an accumulation basin.

**User Safety Requirements:**
- Use protective eyewear, chemical resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton) and a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor removing cartridge with a prefilter approved for pesticides.
- Neoprene rubber, polyvinyl chloride or viton) and a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor removing cartridge.
- Keep the eyes and mouth clean, avoid contact with eyes or clothing.

**Personal Protective Equipment (PPE):**
- Protective eyewear is required when working with PeneTreat. Eye protection is mandatory when spraying or spraying large quantities.
- When working with PeneTreat, use a rate of 1 mixed gallon per 150 ft. of linear footage. This helps build up the moisture level in the outer shell of the wood and will provide excellent "shell" protection for timbers and logs to a depth of ¾” – which is adequate for most applications.

**PRODUCT INFORMATION:**
- EPA Reg. No. 64820-1
- Additional Precautionary Statements:
- Keep Out of Reach of Children
- CAUTION
- Protects Wood from the Attack of Boring Beetles, Carpenter Ants, Fungi, Rot and Termites.

**DIRECTIONS FOR USE:**
- for information on sales and service, contact: Sashco
- 1-800-767-5656
- 10300 E. 107th Place • Brighton, CO 80601
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Protection Deep Into Your Wood

Protects Wood from the Attack of Boring Beetles, Carpenter Ants, Fungi, Rot and Termites.

Contains Tim-Bor®

Active Ingredient:
Disodium Octaborate Tetrahydrate (CAS No. 12008-41-2)  98%
Other Ingredient ............................................................ 2%
Total .................................................................................. 100%

Keep Out of Reach of Children
CAUTION
See back panel for First Aid and additional Precautionary Statements.

Net Contents: 25 lbs. (11.3 kg.)
Yields: 26.1 gallons of solution
DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Simply mix PeneTreat® with water to control fungal decay and: Anobiid Beetles (Anobididae), Carpenter Ants (Camponotus), Dampwood Termites (Zootermopsis), Drywood Termites (Kalotermes, Incisitermes), Longhorn Beetles (Cerambycidae), Old House Borers (Lyctidae), Powder Post Beetles (Lyctidae) and Subterranean Termites (Reticulitermes, Coptotermes).

PRODUCT INFORMATION
Where to use: Use PeneTreat on all above-ground wood surfaces, including dimension logs, timbers, siding, etc. Wood subject to direct contact with moisture or the active ingredient may leak out. It is best to wait at least 48 hours after applying PeneTreat to coat the wood with a water-repelling finish such as Capture/Cascade or High Sierra Log & Deck Stain.

Preparation: PeneTreat is mixed at the rate of 1 pound to 1 gallon of water and requires only mild stirring prior to application. (One pound of PeneTreat equals one loosely packed quart.) Wood must be bare; free of dirt, wax and surface finishes. Remove all previous coatings with high-pressure water, sandblasting or comboc blast. Surface mold or mildew, or the stains they cause, should be removed prior to applying PeneTreat. This may be done by applying a 1:1 blend of water and household bleach, allow 30-60 minutes to soak, rinse and repeat. (For more aggressive and brighter cleaning, use Sashco’s CPR Log Cleaner & Brightener and follow manufacturer’s instructions. Best results will be obtained if the wood, after being cleaned, is sprayed with clean water several times just prior to applying PeneTreat. This helps build up the moisture level in the outer shell of the wood and will help PeneTreat’s penetration.) Allow wood to dry until just slightly damp before applying PeneTreat. Do not apply to frozen wood. Apply PeneTreat only when temperature is above 40ºF.

APPLICATION INSTRUCTIONS
Methods of Application: PeneTreat may be applied by brushing, spraying, dipping, kerf-flooding or hole-flooding. Full immersion dipping yields the deepest and most complete protection, especially with large logs. Kerf-flooding, accompanied with brushing or spraying, will be prevented.

For ease of application, all application methods described below will yield a minimum retention level of 0.24 pounds per cubic foot boric acid equivalent (BAE) in the outer ¾” of the wood. Note: Diffusion of PeneTreat into the wood begins immediately and requires several weeks for completion.

Application: All application methods described below will yield a minimum retention level of 0.24 pounds per cubic foot boric acid equivalent (BAE) in the outer ¼” of the wood.

Brushing or Spraying*: Apply PeneTreat at the rate of 1 mixed gallon per 150 ft² of wood surface. Apply a second coat 24 to 48 hours later. Thoroughly soak cut ends. With "shell" protection in large logs or timbers, all pre-existing insect larvae may not be killed. Upon maturing they may emerge from the wood. Further insect infestations, however, will be prevented.

Kerf-flooding and Spraying/Brushing*: Logs ≥9” in diameter and larger are often kerfed to control unwanted checking. When kerfing a log in the shape of a trough (with a 3/8” wide chain saw to a depth of 1/3”), just pour PeneTreat solution in the kerf. Fill the kerf at the rate of 15-20 linear feet per gallon. Let soak. This will take 1-2 days for the logs to absorb all the liquid. Protection may also be gained by pouring powdery PeneTreat into the kerf (0.2 to 0.3 pounds per linear foot). Pour water into the kerf to desiccate and carry the PeneTreat into the wood. Brush or spray the exterior of the logs after either of these methods (as described above). Hole-flooding is similar to kerf-flooding. Note: Be sure the kerf in a hole does not affect the strength of the log.

Dipping: Dip logs or lumber in PeneTreat for 6-10 minutes, depending on log diameter. Let excess liquid drain back into the tank, dip again 24 hours later. Cover wood with a tarp or place in a shed for at least 48 hours prior to coating with a good exterior finish such as Capture/Cascade or High Sierra Log & Deck Stain.

NOTE: Runoff from vertical walls may be contained by using plastic sheeting to form an accumulation basin. The trapped liquid may then be recycled and will be prevented from injuring nearby foliage.

After Applying PeneTreat: PeneTreat treated wood must be protected from direct contact with moisture or the active ingredient may leak out. It is best to wait at least 48 hours after applying PeneTreat to coat the wood with a water-repelling finish such as Capture/Cascade or High Sierra Log & Deck Stain.

Clean Up: Use soap and water to clean skin, equipment and clothing.

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. Store above 20ºF.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Non-refillable container; do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty the remaining contents into an application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Four rinsates into application equipment or a mix tank or store for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, or reconditioning, if available; or puncture and dispose in a sanitary landfill.

FIRST AID
If SWALLOWED: 
• Immediately call a poison control center or doctor for treatment advice.
• Have person sip a glass of water, if able to swallow.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

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.

If in case of emergency or for additional information call 1-800-767-5656.

PRECAUTIONARY STATEMENTS
Hazards to Human and Domestic Animals
CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Thoroughly wash with soap and water after handling.

Personal Protective Equipment (PPE)
Mixers/loaders, applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes, protective goggles, non-porous gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton) and a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

User Safety Requirements
Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations
Users should wash hands after eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then thoroughly wash and put on cleaning. Users should remove personal protective equipment immediately if exposed to this product. Wash the outside of gloves before removing. As soon as possible thoroughly wash hands.

Enzymatic Hazards
This pesticide is toxic to fish and wildlife. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this pesticide in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain do not blow or wash pesticide away from the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

Notice
Because of many varying conditions affecting use and application, manufacturer warns buyer that these conditions may impair or vary the results or effects of the use of this product. Therefore, complete prevention of decay or insect infestation is not guaranteed. To the extent consistent with applicable law, neither the manufacturer nor the seller shall be liable in respect to any injury or damage suffered by reason of use of this product for a purpose not indicated by the label or when used contrary to the directions or instructions herein or with respect to breach of any warranty not expressly specified herein.

PeneTreat® is a Registered Trademark of Sashco, Inc.
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