



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Antimicrobials Division (7510P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

75506-23

Date of Issuance:

10/13/23

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

PENX

Name and Address of Registrant (include ZIP Code):

Arch Treatment Technologies Inc.  
 3941 Bonsal Rd.  
 Conley, GA 30288  
 Electronic Transmittal: [teri.muchow@arxada.com](mailto:teri.muchow@arxada.com)

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Marcel Howard, Product Manager 34  
 Regulatory Management Branch II,  
 Antimicrobials Division (7510M)

Date:

10/13/23

2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 75506-23.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Assurance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 01/13/2023
- Alternate CSF 1 dated 10/11/2023
- Alternate CSF 2 dated 01/13/2023
- Alternate CSF 3 dated 01/13/2023

If you have any questions, please contact Stacey Grigsby via phone at 202.566.0821, or via email at [grigsby.stacey@epa.gov](mailto:grigsby.stacey@epa.gov)

Enclosure

**ACCEPTED**

Oct 13, 2023

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 75506-23

# PENX

## For Industrial Use

### ACTIVE INGREDIENTS:

|                           |         |
|---------------------------|---------|
| Tebuconazole:.....        | 17.38%  |
| Penflufen:.....           | 22.62%  |
| OTHER INGREDIENTS** ..... | 60.00%  |
| Total .....               | 100.00% |

This product contains sodium nitrite

### KEEP OUT OF REACH OF CHILDREN

## CAUTION

### FIRST AID

#### IF ON SKIN OR CLOTHING:

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

#### IF IN EYES:

- Hold eye 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 SWALLOWED:

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

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

**In case of emergency call: CHEMTREC 1-800-424-9300 [CCN 864796]**

See side panel for additional precautionary statements.

Manufactured for;  
Arch Treatment Technologies, Inc,  
3941 Bonsal Road  
Conley, GA 30288

EPA Reg. No.: 75506-XX

EPA Est. No.: xxxx-yy-zz

Net Contents: \_\_\_\_\_

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear:

- Goggles, face shield, or safety glasses
- Coveralls or long-sleeved shirt and long pants,
- Socks and chemical resistant footwear,
- Chemical-resistant gloves (such as: Barrier Laminate or Viton),

The applicator is not required to wear PPE when working within an enclosed treating operator control room or other area that is isolated from the treating cylinders, drip pad, and work tanks.

**USER SAFETY REQUIREMENTS**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**USER SAFETY RECOMMENDATIONS**

- User must wash hands before, eating, drinking, chewing gum, using tobacco, or using the toilet.
- User must remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users must remove personal protective equipment immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to birds, terrestrial and aquatic invertebrates including shrimp. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of EPA.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

**WOOD PRODUCTS INTENDED FOR ABOVE GROUND AND IN-GROUND CONTACT**

Treatment of wood products with this product provides wood with protection against white rot, brown rot, soft rot, and dry rot. Apply this product by vacuum pressure impregnation or surface application (such as dip, spray, or brush). This product can be used to treat any wood product that will be exposed to conditions that are favorable for fungal growth. This includes wood intended for use in above ground,

ground and fresh water contact. Types of products may include lumber, timbers, railroad crossties, switch ties, landscape ties, fence boards and posts, building and utility poles, waferboard, fiberboard, particleboard, plywood, oriented strand board, and decks, docks, pilings, walkways, and wood shingles.

This product may be used alone or in combination with other EPA registered wood preservatives. Apply this product by vacuum pressure impregnation or surface application (such as dip, spray, or brush.) For the use sites and wood commodities listed above, the maximum rate of application is 0.15% (on a total active ingredient basis). To prepare a 1,000-gallon solution containing 0.15% total actives, combine 996.5 gallons of water and 3.5 gallons of PENX. If used in combination with other EPA registered wood preservatives, adjust concentration to meet the desired tebuconazole/penflufen level. Treat the wooden articles using the pressure treatment procedures consistent with the equipment being used and standard treatment practices.

The below table represents the maximum application rate for commodities if PENX is used in combination with a copper based preservative.

| Uses/Commodities              | Maximum Application Rates |                     |                  |
|-------------------------------|---------------------------|---------------------|------------------|
|                               | as Cu metal (%)           | as Tebuconazole (%) | as Penflufen (%) |
| Above Ground                  | 0.5                       | 0.022               | 0.0029           |
| Ground Contact – General Use  | 1.5                       | 0.067               | 0.0087           |
| Ground Contact- Heavy Duty    | 2.5                       | 0.11                | 0.014            |
| Ground Contact – Extreme Duty | 3.0                       | 0.13                | 0.017            |

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Do not contaminate water, food, or feed by storage or disposal. Store unused product in original containers in a cool, dry, well ventilated area.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. 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 HANDLING:**

*{Refillable containers, all sizes}*

Refillable container. Refill this container with pesticide only. Do not use this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

For containers  $\geq$  5 gallons:

Nonrefillable container. Do not refill or reuse container. Triple rinse as follows: Empty remaining

contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  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 rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities

For containers < 5 gallons:

Nonrefillable container. Do not refill or reuse container. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities