

64405-16

08/17/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:
64405-16

Date of Issuance:
AUG 17 2011

Term of Issuance:
Unconditional

Name of Pesticide Product:
QNAP8 Copper Naphthenate Concentrate

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Nisus Corporation
100 Nisus Drive
Rockford, TN 37853

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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.

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 (OPP Decision Number: D-451977) is unconditionally registered in accordance with FIFRA sec 3(c)(7)(a) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Revise the EPA Registration-Number to read, "EPA Reg. No. 64405-16".

Signature of Approving Official:

Date:

AUG 17 2011

Jacqueline Campbell-McFarlane, Product Manager Team 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

CONCURRENCES

SYMBOL	Form 8570-6							
EPA Reg. No.	64405-16							
SYMBOL	QNAP8 Copper Naphthenate Concentrate							
DATE								

- b. According to PRN 2001-1, First Aid Statements must be organized so that the most severe routes of exposure, as demonstrated by the toxicity classification, are listed. Therefore reorder the First Aid Statement as follows:
 - 1. If in eyes
 - 2. If on skin or clothing
 - 3. If swallowed
 - 4. If inhaled
- c. The paragraph in the Precautionary Statements that are intended for residential use product is not optional. This language is mandatory for commercial products as well.
- d. Move the PPE, User Safety Requirements/Recommendations from page 3 to page 2 to immediately follow the Precautionary Statements.
- e. Add the content under User Safety Recommendations to the User Safety Requirements and delete "User Safety Recommendations."
- f. On page 3 change the first sentence in the paragraph to read: "Do not use QNAP8 treated wood will be **protected** from..."
- g. Revise the first sentence of the 2nd paragraph on page 4 to read: "Do not use QNAP8 treated wood for garden applications where.."
- h. As per PRN 2005-1, Guidance for Mandatory and Advisory Labeling Statements, you must change the following:
 - a. Delete "should" in the first sentence of the User Safety Recommendations on page 3 and state "must"
 - b. Delete "recommended" in the first sentence of the Application Procedures on page 4 and rephrase the sentence to read: "Apply this product when outside temperatures..."
 - c. Delete "should" in the 4th sentence of the first paragraph of the Application Procedures on page 4 and state "must"
 - d. Delete "recommended" in the last sentence of the Pressure Treatment section for the wood treatment above ground contact and again in the first sentence of the Pressure Treatment section for the Wood treatment at ground contact page 5 and state "required."
- i. Delete the fifth sentence in the Precautionary Statement.
- j. Revise "Container Management" in the Storage and Disposal statements to read: "Container Handling"

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped label with comments is enclosed for your records. Submit one (1) copy of your final printed labeling prior to release of this product for shipment. Should you have any questions concerning this letter, please contact me by telephone at (703) 308-6416 during the hours of 8:00 am to 4:00 pm EST.

Sincerely,

Jacqueline Campbell-McFarlane
Jacqueline Campbell-McFarlane,
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosures: (Stamped Label)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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ACCEPTED
with COMMENTS
EPA Letter Dated:

QNAP8 COPPER NAPHTHENATE CONCENTRATE

AUG 17 2011

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

64405-10

**Keep Out of Reach of Children
WARNING**
See Label for additional Precautionary Statements.

Active Ingredient:

Copper Naphthenate (CAS No. 1338-02-9) 68%*
Other Ingredients 32%
Total 100%

Contains Petroleum Distillates

*Equivalent to 8% Copper.

Net Contents: 5.0 Gallon (18.93 Liters)

Net Weight: 8.3 Pounds (3.76 Kilos)

[Net Contents: 55.0 Gallon (189.3 Liters) 275 Gallons (1040.99 Liters) bulk tanker]

EPA Reg. No. 64405- EPA Est. _____



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First Aid

If Inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
If Swallowed	<ul style="list-style-type: none"> • Do not give person any liquids. • 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 on Skin or Clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Immediately rinse skin with plenty of water for 15-20 minutes.
If in Eyes	<ul style="list-style-type: none"> • 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.
<p>Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. [You may also contact 1-800-424-9300 for emergency medical treatment information.]</p>	
<p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastral lavage.</p>	

{Note: The first aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

PRECAUTIONARY STATEMENTS
Hazards to Humans & Domestic Animals

WARNING

Causes skin and eye irritation. Prolonged or repeated skin contact may cause allergic reaction in some individuals. Harmful if swallowed or inhaled. Do not breathe vapors or mist during brush, roll, and dip applications. Do not get in eyes, on skin, or on clothing.

(Note: The paragraph directly below will be included on the label for residential use products. Occupational users will follow the PPE and User Safety Requirements/Recommendations).

Wear chemical resistant gloves, protective eyewear, long-sleeved shirt, long pants, socks and shoes when handling or applying this product. 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.

Application of this product may produce a strong, lingering, unpleasant odor.

Environmental Hazards

This product is toxic to aquatic invertebrates, shrimp and oysters/clams. 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. Wood treated with this product shall not be used in the construction of beehives.

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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**.

Personal Protective Equipment (PPE)

(Note: Occupational PPE Requirements (will not be on label for residential use products))

- Applicators, mixers and other handlers must wear chemical resistant gloves, protective eyewear, long-sleeved shirt, long pants, socks and shoes when handling or applying this product.
- When applying this product to non-pressure treated wood, blend/spray operators and any individual that applies the product with a brush/roller must wear an organic vapor respirator.

Some materials that are chemical-resistant to this product are barrier laminate; butyl, nitrile, neoprene and natural rubbers ≥ 14 mils; polyethylene; polyvinyl chloride; and viton ≥ 14 mils. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart.

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.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet
- Remove clothing immediately if pesticide gets inside, then wash thoroughly and put on clean clothing;
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

QNAP8 Copper Naphthenate Concentrate treated wood will be protect from [kill] [control] [prevent] [stop] infestation of destroying organisms including subterranean termites, drywood termites, wood destroying beetles, powderpost beetles, carpenter ants and decay [fungi]. It may also be used to protect [kill] [control] [prevent] [stop] [resist] warping, swelling, shrinking, end checking [due to its antiwicking property, which resists moisture absorption and movement from end to end] [caused by changes in moisture content of wood products], rot [wood rot], mold and mildew, and moss. QNAP8 meets the AWPAA* end cut requirements for exterior and ground contact field treatments (AWPAA* M4).

Solutions of QNAP8 Copper Naphthenate Concentrate can be applied to wooden [and] [or] [cellulose] utility and construction products (including lumber, end cuts, timber, rail ties, posts, poles, freeway fencing, siding, piers, docks, boxes, roofs, shakes, shingles, porches, steps, fences, rails and beverage cases). QNAP8 Copper Naphthenate Concentrate treated wood is suitable for ornamental or planting landscape timbers [ties], wooden seedling trays, outdoor décor, flower boxes and window boxes. The treated wood can be top-coated with paint or stain.

QNAP8 Copper Naphthenate Concentrate must be diluted with a solvent such as mineral spirits, diesel fuel, mineral oil or another solvent that meets AWPA* Standard P-9. Effective application rates vary according to severity of conditions to which the treated product is exposed but for guidance see the American Wood Protection Book of Standards for the applicable use category or commodity. Wood to be treated should be thoroughly seasoned and free of bark to maximize penetration..

QNAP8 Copper Naphthenate Concentrate treated wood is not suitable for garden applications where fruit and or vegetables will be grown. This product is not designed for application on decks, outdoor furniture or other structures intended for seating or heavy foot traffic. Do not apply at sites on or near water or wetlands. Wood treated with QNAP8 Copper Naphthenate Concentrate should not be used where it may come in contact with food, feed or potable water.

APPLICATION PROCEDURES:

Application is recommended when outside temperatures are between 50°F and 90°F, and when 24 hours of precipitation-free weather is expected. Make sure wood is dry and free of dust, dirt and debris. Agitate well before using. Wood should be thoroughly seasoned and free of bark. Allow at least 1 hour between applications. Make certain all areas are fully treated to get the maximum benefits. If appropriate, see applicable AWPA treatment methods.

WOOD TREATMENT: ABOVE GROUND CONTACT

DIP, ROLLER, BRUSH OR COARSE SPRAY

QNAP8 Copper Naphthenate Concentrate solutions containing 1% or 2% copper metal are adequate for wood in non-critical applications. Mix a 1+3 or 1+4 dilution of solvent and QNAP8 Copper Naphthenate Concentrate to obtain 2% copper metal or 1+7 to 1+8 dilution of solvent and QNAP8 Copper Naphthenate Concentrate to obtain a 1% copper metal solution. Apply only by coarse low-pressure spray. Do not apply with an airless sprayer or by fine mist. Coverage is dependent upon application method and the refractory nature of the wood being treated. One gallon of diluted QNAP8 Copper Naphthenate Concentrate will cover approximately 100-300 sq. ft. of surface area.

END CUT TREATMENTS

To satisfy AWPA* M4, apply a 1% or 2% dilution of QNAP8 Copper Naphthenate Concentrate to cuts, holes or injuries.

FOR PRESSURE TREATMENT

Wood used in critical (structural) above-ground applications or that may be exposed to severe conditions such as extended periods of wetting, can be subjected to an extended soaking or pressure treatment with a solution containing 0.5% to 1.0% copper metal to a retention in the wood of 0.04 to 0.06 lbs copper metal/ ft³ is recommended (in accordance with AWPA* Standards).

WOOD TREATMENT: GROUND CONTACT

DIP, ROLLER, BRUSH OR COARSE SPRAY

Treat with a solution containing 0.75% to 1.0% copper metal to a retention in the wood of 0.04 to 0.06 lbs copper metal/ ft³ (in accordance with AWPA* Standards). The application rate for wood treated with this product in a diptank shall not exceed 25%.

FOR PRESSURE TREATMENT

Treat with a solution containing 0.75% to 1.0% copper metal to a retention in the wood of 0.04 to 0.13 lbs copper metal/ ft³ (in accordance with AWPA* Standards).

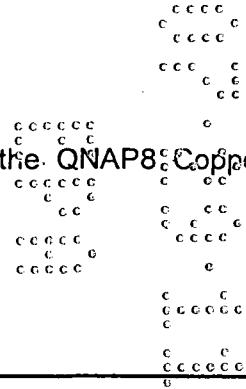
WOOD TREATMENT: REMEDIAL APPLICATIONS

A QNAP8 Copper Naphthenate Concentrate solution of 2% copper metal may be used for remedial treatment of standing wood poles, piling and other existing structures.

IMPORTANT: This product will tint the wood. The color will fade over time. The wood can be stained or painted after 24 hours, or product re-applied at any time. The treated wood can be top-coated with paint or stain. Always test the paint or stain in an inconspicuous area for color satisfaction.

* American Wood-Protection Association

{Specific use directions will be taken from selected portions of the QNAP8 Copper Naphthenate Concentrate label.}



{For product in rigid, refillable containers:}

Storage and Disposal

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

Pesticide Storage: Store in original container in a preferably locked storage area inaccessible to children and pets. Do not freeze. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Management: Refillable container; refill this container only with QNAP8. Do not reuse this container for any other purpose. Cleaning the container before refilling is the responsibility of the refiller; cleaning before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with solvent, then vigorously agitate or recirculate with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure 2 more times, then offer for recycling, if available, or reconditioning, if appropriate; or puncture and dispose of in a sanitary landfill; or by incineration.

{For product packaged in rigid, non-refillable containers less than or equal to 5 gallons:}

Storage and Disposal

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

Pesticide Storage: Store in a cool, dry (preferably locked) storage area inaccessible to children and pets. Do not freeze. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Management:** Nonrefillable 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 application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with solvent 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, if available; or reconditioning, if appropriate; or puncture and dispose of in a sanitary landfill; or by incineration.

{For product packaged in rigid, non-refillable containers greater than 5 gallons:}

Storage and Disposal

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

Pesticide Storage: Store in a cool, dry (preferably locked) storage area inaccessible to children and pets. Do not freeze. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Management:** Nonrefillable 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 application equipment or a mix tank. Fill the container ¼ full with solvent. 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, if available; or reconditioning, if appropriate; or puncture and dispose of in a sanitary landfill; or by incineration.

{Per PR Notice 2007-4 the batch code/lot number will appear on the label or container.}

Warranty Disclaimer

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, 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 be carefully followed. It is impossible to eliminate all risks associated with use of this 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. 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) **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 patent, whether mentioned or not, without procurement of a license, if necessary, from the owner, following investigation by the user.



100 Nisus Drive
Rockford, TN 37853
[[Telephone Number]]

QNAP8® is a Trademark of Nisus Corporation

Made in the U.S.A.

© _____

{Label Code}

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{ Marketing Claims }

- [Non Restricted Use Wood] [Ground Contact] [Wood] Preservative
- General Use Pesticide
- Approved For Use On Wood With Ground Contact
- [Use] Above Or Below Ground [& Ground Contact]
- For Exterior And Ground Contact Use Only
- For Wood In Contact With Soil
- Preserves Wood
- Prolongs The Life Of Non-Pressure Treated Wood
- For Preserving Cedar Shake Roofs
- Cedar Shake Roof Preservative
- Meets AWWPA Standards M-4 [For End Cut Treatments]
- Meets Or Exceeds AWWPA Standard P-36 [Specifications In U-1 And T-1]
- [Ideal For] [Pressure-Treated Wood] End Cut Protection
- Brush on preservative especially formulated for the coating of freshly sawn ends of pressure treated Outdoor wood.
- For Use on {insert application sites listed on label}
- Great for Small Projects
- May Be Used In a Dual Treatment with Borates for Protection of Crossties, Switch Ties and Bridge Timbers [and {insert application sites listed on label}]
- For Preservation of Wood Against {insert pests listed on label}
- Prevents {insert pests listed on label}
- Protects Against Decay {insert pests listed on label}
- Resists mold and mildew
- Anti-wicking - controls moisture damage
- Stops {insert pests listed on label}
- Kills {insert pests listed on label} {insert application sites listed on label}
- Highly Effective Against {insert pests listed on label}
- Paintable and Stainable
- Deep Penetrating formula
- Note: application of product on redwood and cedar will darken wood.
- Made in USA
- Printed in USA
- Covers 100 - 300 sq. ft. (9-28m²) *{to be used on the 1 gal/on container}*
- Covers 40 - 50 sq. ft. (4-5 m²) *{to be used on the 1 quart container}*
- Contains Copper Naphthenate
- 8% by Weight Metallic Copper
- Contains No Synthetic Carboxylic Acids [per AWWPA Standard P-36]
- This product produced from 100% recycled Copper Metal and by-products from the refining industry
- Non Emulsion Forming
- Non Sludging
- Non Corrosive to Utility Hardware [Railroad Spikes and Tie Plates]
- Can Help Prevent "Spike Kill" when Combined with Borate Treatments
- Non Conductive
- Treated Wood Does Not Become Brittle or Hard
- Reduces Hardening of the Wood Which Allows for Increased [Easy] Gaff Penetration
- Provides Water Repellency

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[] Denotes alternate/optional language
 { } Denotes language that will not appear on market labeling