

DIP TREATING WITH COPPER NAPHTHENATE

By: Randy S. Gross



Poles, Inc.

Wood Pole Maintenance Solutions®

LodgePole Pine Fence Posts

Produced in MT

Treated in CO



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Check Moisture

Below 20% Required





Place Posts in Tank

Notice Dual Tanks
Set Inside Secondary
Tank

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Chemical Concentrate (8%)

1% Copper
Solution in Dip Tank



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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING

Causes skin and eye irritation. Wear goggles, face shield, or safety glasses. Remove contaminated clothing and wash before reuse. Prolonged or repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin, or on clothing. Harmful if swallowed or inhaled. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after handling.

Do NOT breathe vapors or mist during brush, roll, spray, and dip applications. Wear a NIOSH/MSHA approved mist/vapor respirator when spraying for continued or prolonged use of this product or for frequent use of this product.

In case of medical questions, emergencies, or accidents involving this product, call Chemtrec at 1-800-424-9300. Application of this product may produce a strong, lingering, unpleasant odor.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. 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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE

Store at temperature between 0°F and 120°F. Store in original container only. Keep container closed when not in use.

PESTICIDE DISPOSAL

Pesticide concentrate, solution or rinseate that cannot be used or chemically reprocessed should be disposed of according to procedures approved by Federal, State or local authorities.

CONTAINER DISPOSAL

Plastic containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

or
Metal containers: Triple rinse (or equivalent). 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.

GENERAL

Consult federal, state or local disposal authorities for approved alternative procedures.



Cu-Nap CONCENTRATE

EPA Reg. No. 71992-1-54471
EPA Est. No. 54471-NB-001

KEEP OUT OF REACH OF CHILDREN WARNING

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 further treatment advice.

IF INHALED: Remove to fresh air. If not breathing, give artificial respiration preferably mouth-to-mouth.

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. Call a Poison Control Center or doctor for treatment advice.

IF SWALLOWED: If swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Contains petroleum distillate - vomiting may cause aspiration pneumonia.

For information on this pesticide product (including health concerns medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378. In case of emergency call 1-800-473-0179.

Have the product container or label with you when calling a Poison Control Center or doctor or going in for treatment.

See other precautionary statements on side panel.

ACTIVE INGREDIENT:

Copper naphthenate:68%
(Copper, as metal, 8%)

INERT INGREDIENTS:32%
TOTAL:100%

CONTAINS PETROLEUM DISTILLATES

DISTRIBUTED BY:

Copper Care Wood Preservatives, Inc.
Humphrey, NE 68642
888-817-0131

(CuNap CONCENTRATE) MSDS

DIRECTIONS FOR USE

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

Use only the application method specified for a particular use. For Exterior Use Only.

Cu-Nap CONCENTRATE must be diluted before use with solvents such as mineral spirits, diesel fuel, mineral oil, etc., or solvents meeting AWPA Standard P-9* to protect treated items against deterioration by stain, mold and decay fungi, moss, mildew, termites, wood-boring beetles and carpenter ants.

Cu-Nap CONCENTRATE solutions may be applied to wood products such as lumber, posts, poles, siding, boats, piers, docks, boxes, roof shakes and shingles, porches, steps fence pickets and rails beverage cases; and for ornamental planting landscape timbers, wooden seedling trays, plant and flower boxes. Wood treated with Cu-Nap CONCENTRATE is NOT suitable for food garden uses. Effective application rates vary according to severity of conditions to which the treated product is exposed. Wood to be treated should be thoroughly seasoned and free of bark. Do not apply at sites on or near water or wetlands. Wood treated with Cu-Nap CONCENTRATE should not be used where it may come in contact with food, feed or potable water.

FOR TEXTILE TREATMENT

Cu-Nap CONCENTRATE solutions may be applied to cellulosic textiles and cordage products such as tents, awnings, tarpaulins, canvas products, ropes, and nets (except fishnets). However, Cu-Nap CONCENTRATE should not be used to treat textiles intended for uses resulting in repeated skin contact or contact with food or feed or potable water. Effective application results in 1% copper metal remaining in the treated product. The level of treatment is usually attained by dipping or soaking the product in a solution containing 2% copper metal made by mixing Cu-Nap CONCENTRATE with a solvent such as mineral spirits.

FOR TREATMENT BY SPRAYING, DIP, ROLLER, AND BRUSH

ABOVE GROUND CONTACT

For above ground exposure, brush, roller, spray or dip applications of solutions containing 1 or 2 percent copper metal are adequate for wood in non-critical applications. Dilute Cu-Nap CONCENTRATE with 3.0 - 3.8 volumes of solvent (depending upon density of diluent) to obtain 2% copper metal or 7.5 - 8.0 volumes of solvent (depending upon density of diluent) to obtain 1% copper metal.

COVERAGE: One gallon covers 100-300 sq. ft. depending upon the wood species, porosity of the wood, and method of application.

FOR PRESSURE TREATMENT

ABOVE GROUND CONTACT

For wood used above ground in critical (structural) applications or under more severe exposure conditions where it is subject to extended periods of wetting, extended soaking or pressure treatment in accordance with AWPA Standards* with a solution containing 0.5 to 1.0 percent copper metal to a retention in the wood of 0.04 to 0.06 pounds copper metal per cubic foot is recommended.

GROUND CONTACT

For wood intended for ground contact, treat according to AWPA Standards* with a solution containing 0.75 to 1.0 percent copper metal to a retention in the wood of 0.055 to 0.15 pounds copper metal per cubic foot.

FOR REMEDIAL TREATMENTS

Cu-Nap CONCENTRATE solutions of 2% copper metal may be used for external remedial treatment of standing wood poles, piling and other existing structures.

Cu-Nap CONCENTRATE may be used by formulators as an active ingredient source for ready-to-use pesticide products registered with the US Environmental Protection Agency. Products formulated or repackaged from this product must be labeled for "Exterior Use Only," and must bear all statements listed under the section entitled Precautionary Statements and the repackager(s) or formulator(s) telephone number.

Treat for 24 Hours

* 19 Hours for This Test

Poles, Inc.

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Hoist Out, Drip Above Tank



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Final Drip Area

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Finished Product



Quality Control



Drill, Bit, Boring



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Wood Pole Maintenance Solutions®



Penetration?

Treated Posts Turn Brown



Poles, Inc.

Wood Pole Maintenance Solutions®



More Brown Posts



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www.poles.com



Thank You!

Randy S. Gross (719) 685-0444