

COPPER CARE Naphthenate Products

Tenino Copper Naphthenate

E.P.A. Reg. No. 71992-2-54471

E.P.A. Est. No. 54471-NE-001

2% Copper Naphthenate in P9 oil (fuel oil)
preservative for pole topping, field cuts,
and bore hole treatment. Meets AWPA
Standard M-4.

Available packaging:

1 pint (24 pints/case) with sprayer cap

1 gallon plastic (6 per case)

5 gallon pails

55 gallon drums

275 gallon totes

OTHER PRODUCTS AVAILABLE

CU-BOR Wood Preservative Paste

50# (5 gallon pails)

Pouch packaging

Pole Wraps

Copper Naphthenate 8% Concentrate

Impel Rods

Superfume Granular Fumigant

Treated Wood Plugs

Plastic Replugs⁷

Tools for Test and Treat Programs

(Revised 3/2009)



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**COPPER BASED
WOOD
PRESERVATIVES
FOR SAFE AND
EFFECTIVE
TREATMENT OF
WOOD**

Tenino Copper Naphthenate

AWPA Approved

Copper Naphthenate is approved for use by the American Wood Protection Association (AWPA) for treatment of many wood products including lumber, poles and posts. Tenino also meets AWPA Standard M-4 for the treatment of field cuts. Call the AWPA for a copy of the full standard.

(205) 733-4077.

Summary of AWPA Fence Post Standard

Species	Retention (As metal)	Penetration
Lodge Pole Pine	.055	1" or 85% of Sapwood
Ponderosa Pine	.055	2" or 85% of Sapwood
Douglas Fir	.055	3/8" and 100% up to 1" and 85% Sapwood

National Park Service Recommendation

The February 19, 1981 Federal Register outlines the EPA's position regarding the health risks associated with various wood preservatives. In light of that position, the National Park Service had recommended the use of Copper Naphthenate in its facilities as an approved substitute for pentachlorophenol, creosote and inorganic arsenicals.

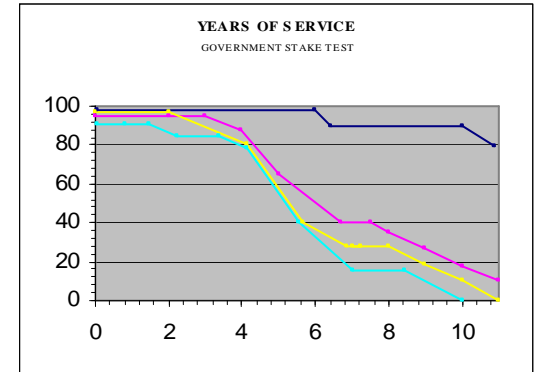
The Copper Care family of wood preservatives includes Copper Naphthenate based products that have a proven record of safe and effective performance as a fungicide/insecticide for protection against rot mildew and moisture on exterior wood surfaces.

Copper Naphthenate is insoluble in water and is leach resistant. It has no measurable vapor pressure and cannot evaporate. Studies on various wood species that have been treated with Copper Naphthenate formulations show it meets or exceeds the service life of pentachlorophenol and other preservatives.

The use of Copper Naphthenate will not result in increased corrosion of metal hardware or increased electrical conductivity. It will not harden or increase the brittleness of utility poles.

Copper Naphthenate is NOT a restricted-use pesticide (Federal Register, Vol. 51, No. 7, pg. 1334 "Environmental Protection Agency," dated 1/10/86, et al, regarding creosote, pentachlorophenol and inorganic arsenicals). The federal provision for applicator's license is NOT required when using Copper Naphthenate. State license requirements may vary.

U.S. Department of Agriculture



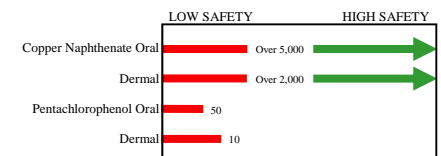
Legend for the Government Stake Test:

- Copper Naphthenate (Purple line)
- Pentachlorophenol (Yellow line)
- Zinc Naphthenate (Magenta line)
- Coal-Tar Creosote (Cyan line)

The above data has been accumulated since 1941 for Copper Naphthenate diluted with a light petroleum solvent.

Chart indicates percentage of stakes remaining sound at each annual inspection. Tests of southern pine sapwood pressure treated stakes by the Forest Products Laboratory, U.S. Department of Agriculture at Saucier, Mississippi. Untreated stakes in this test were destroyed in two years.

Relative Safety of Preservatives (LD* 50)



* Test results available upon request.