

COPPER CARE NAPHTHENATE PRODUCTS

CuNap Concentrate
Copper Naphthenate Concentrate 8%
E.P.A. Reg. No. 71992-1-54471
E.P.A. Est. No. 71992-NB-001

Available packaging:

5-gallon pails
55-gallon drums
275 to 325 gallon totes (by request)
Bulk Truck Load (by request)

For treating: posts, poles, lumber, siding, boxes, roof shakes and shingles, picket fence, landscape timbers, cellulosic textiles and cordage. Apply by brush, dip, spray, or pressure treatment.

Dilution with #2 Fuel Oil

(Gallons of oil per 1 gallon CuNap Concentrate)

Application	Dilution	Solution % Cu as Metal	*Service area
Brush	3.5 to 1	2%	Above Ground
*Dip	8 to 1	1%	Ground Contact
Pressure	8 or 10 to 1	.75 to 1%	Ground Contact
Spray	3.5 to 1	2%	Above Ground

- * Solution expressed as Copper as metal.
- * See AWPA retention chart
- * Typical dip cycle time is 24 hrs.
- * Dilution rate varies by solvent type

OTHER PRODUCTS AVAILABLE

CU-BOR Wood Preservative

Available packaging:

50# (5 gallon pails)
Pouch packaging

Tenino Copper Naphthenate
Impel Rods
Treated wood plugs
Plastic Replugs®
Tools for Test and Treat Programs



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COPPER BASED

WOOD

PRESERVATIVES

FOR SAFE AND

EFFECTIVE

TREATMENT OF

WOOD

CU-NAP CONCENTRATE

AWPA Approved

Copper naphthenate is approved for use by the American Wood Preservers Association (AWPA) for treatment of many wood products including lumber, poles and posts. Call the AWPA for a copy of the full standard. (817) 326-6300.

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.

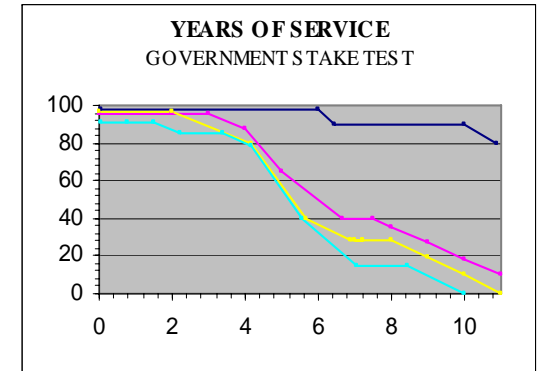
The Copper Care family of wood preservatives includes copper naphthenate based products that have a proven record of safe and effective performance as a fungicide/insecticide for protection against rot mildew and moisture on exterior wood surfaces.

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

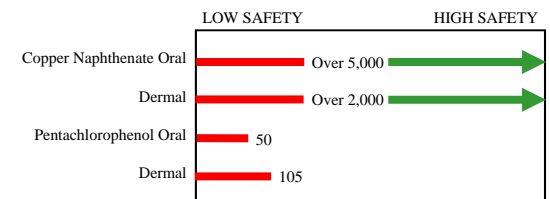


█ Copper Naphthenate
█ Pentachlorophenol
█ Zinc Naphthenate
█ Coal-Tar Creosote

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, Miss. Untreated stakes in this test were destroyed in two years.

RELATIVE SAFETY OF PRESERVATIVES (LD* 50)



* Test results available upon request.