

# Miller's PENTA CONCENTRATE

A Pentachlorophenol Wood Preservative

## GENERAL DIRECTIONS

1. Use 1 gallon of Miller's PENTA Concentrate to 10 gallons of Diesel, Stove, Kerosene or other light oil.
2. Do not treat frozen wood, or treat in freezing weather. A temperature range of 40 to 120° is satisfactory.
3. **BRUSH TREATMENT**
  - a. Pour freely onto surface of wood to be treated and brush out evenly.
  - b. Two or more applications should be made, allowing sufficient time (12 to 24 hours) between applications for surface to dry.
  - c. For each application, use approximately one gallon of the diluted material to 250 sq. ft. of wood to be treated.
4. **SPRAY TREATMENT**
  - a. Use a low pressure sprayer equipped with a coarse nozzle.
  - b. Wet surface of wood thoroughly. Avoid drip and runoff.
  - c. Two or more applications should be made, allowing sufficient time (12 to 24 hours) between applications for surface to dry.
  - d. Provide adequate ventilation and suitable protective clothing when spraying indoors.
5. **IMMERSION TREATMENT**
  - a. For Posts . . . use drum that will permit submerging posts to a point 8 to 12 inches above ground line. Place piece of woven wire, or other suitable material in bottom of drum to allow solution to get to end of posts. Protect from rain and dirt.
  - b. For Lumber . . . use container (tank or drum) that will allow complete immersion of piece and/or pieces to be treated, with suitable means of keeping lumber submerged. Provide suitable facilities for draining wood after treatment. Keep tank covered to keep out rain and dirt.

## SPECIFIC DIRECTIONS

### POSTS, POLES and TIMBERS

1. Remove both outer and inner bark and thoroughly season . . . 3 to 6 months in summer; 6 to 8 months in winter.
2. Submerge posts in diluted material to a point 8 to 12 inches above ground line.
3. Soak soft woods a minimum of 48 hours; hardwood from 24 to 48 hours.
4. Incise 12 inch band at ground line on Douglas Fir and other hard-to-treat posts and soak 24 to 72 hours.
5. Reverse posts, if desired to treat top, and soak again for same period of time.
6. Replenish diluted material as used to keep solution above 8 to 12 inch mark.
7. Amount absorbed will vary from 1 to 3 quarts per post depending upon size and specie.
8. Posts may be set any time after treatment.
9. Treat timbers in above manner using a tank. Brush thoroughly exposed cut sections and ends.

### MILLWORK and CONSTRUCTION LUMBER . . .

#### Rot Organisms, Powder Post Beetles, Carpenter Ants

1. Immerse dry, properly seasoned millwork for 15 minutes per inch of thickness.
2. Plywood, veneer and small pieces may require less time; large items should be immersed longer.
3. Lumber for use in contact with ground, concrete foundations or other moist conditions should be immersed for several hours (½ to 5 hours).
4. Surfaces cut after treatment should have liberal quantity diluted material applied by brushing or immersion.
5. Dry millwork or finished lumber will absorb about 10 to 15 gallons per 1000 board feet. Rough lumber absorbs about 30 gallons per 1000 board feet.
6. Untreated wood used in construction can be treated with Brush or Spray.

### WOOD SHINGLES

1. Dilute 1 gallon Miller's PENTA Concentrate in 10 gallons of mineral spirits or good grade kerosene.
2. Shingles must be dry before application.
3. Make two or more thorough applications, allowing sufficient time between same for surface to dry.
4. CAUTION . . . Do not allow material to contact desired vegetation as injury may result.

# Miller's PENTA Concentrate

## TERMITES

### Wood Treatment

(supplementary to Soil Treatment)

1. Drench wood foundations with diluted Miller's PENTA Concentrate.
2. Break up all Termite tunnels in earth-to-wood contacts.
3. Spray or wet all infested areas (runways, tunnels) showing presence of Termites.

### Soil Treatment . . . Unexcavated Areas

1. Remove all loose wood, stumps and other debris, then loosen ground with rake.
2. Spray entire earth surface with diluted Miller's PENTA Concentrate.
3. Use 1 to 2 gallons of diluted material per 20 sq. ft. of area sprayed.

### Soil Treatment . . . Excavated Areas

1. Where construction and landscaping permit, dig a trench around all foundation walls and piers to a depth of 30 inches. Do not dig trench below top of footing, if this is shallower.
2. Line outer wall of trench with tar paper, paraffined canvas or heavy copper-coated kraft paper, to protect trees, shrubbery and flowers.
3. Use ½ gal. diluted material per linear foot in trenches up to 15 inches deep and 1 gal. per linear foot in deeper trenches.
4. Spray diluted Miller's PENTA Concentrate into bottom of trench against building foundation, using about ½ required amount.
5. Treat all soil used as back fill at about 6 inch intervals, using balance of required amount. Last application should be 2 or 3 inches below ground line.
6. Periodic inspections are essential so that reinfestation of Termites can be discovered and promptly treated.

*Miller's*  
**PENTA**  
Concentrate

**TERMITES**

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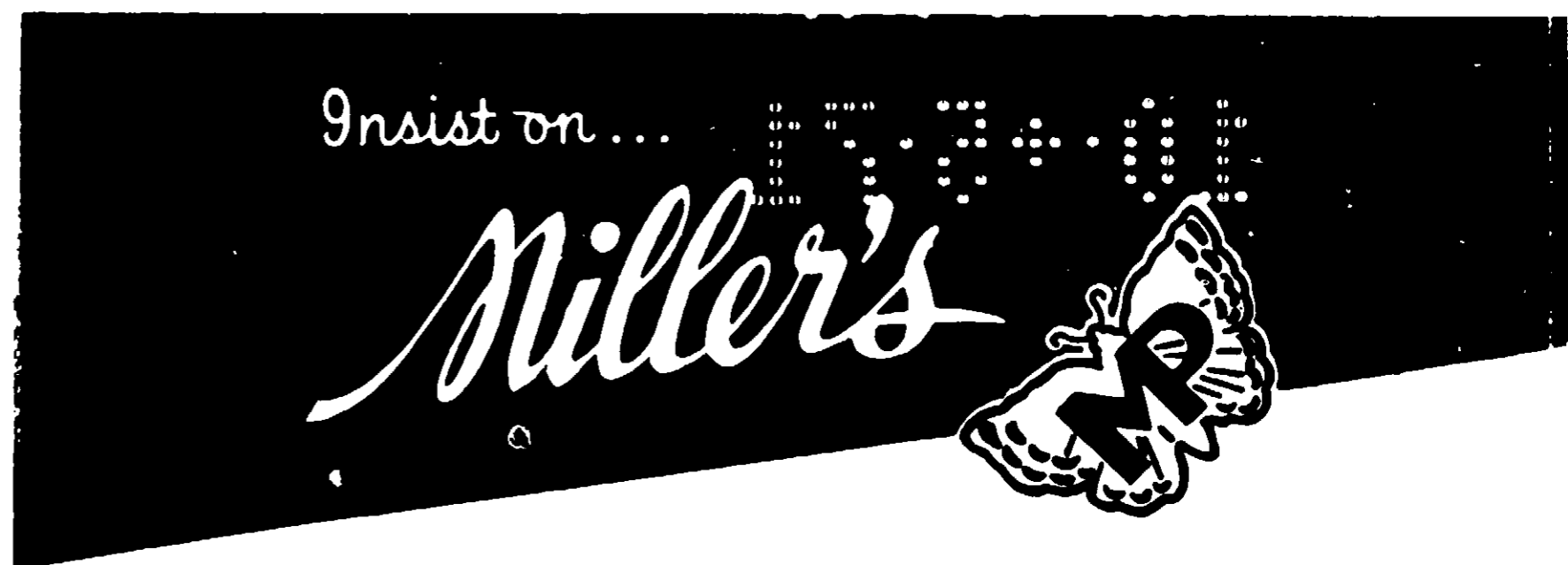
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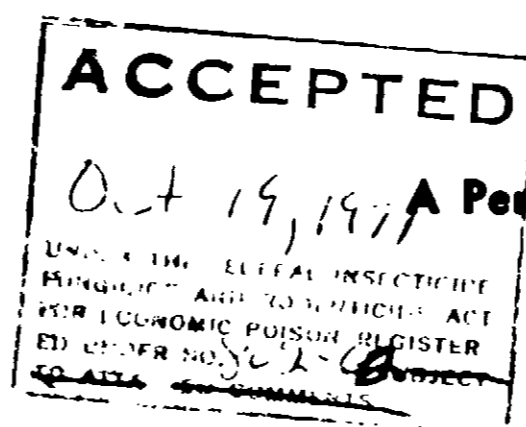
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**PENTA**  
**CONCENTRATE**  
**1 to 10**



**A Pentachlorophenol Wood Preservative**  
for  
**Wood Destroying Organisms**  
**Termites**

**PROTECT FROM TEMPERATURES BELOW 35° F.**

Active ingredients	
*Pentachlorophenol .....	34.96%
Other Chlorophenols and related compounds .....	5.04%
Aromatic Petroleum Derivative Solvent ...	40.00%
Inert ingredients .....	20.00%
Total .....	100.00%

\*Equivalent to 40% of Technical Pentachlorophenol as defined in Federal Specification TT-W-570.

E.P.A. Reg. No. 802-62-AG

**POISON**

**WARNING — Keep out of reach of children**

See right side panel for additional warnings and antidote

**FIVE GALLONS**

**MILLER PRODUCTS**  
PORTLAND, OREGON 97218