

FOR INDUSTRIAL AND EXTERIOR USE ONLY
DIRECTIONS FOR USE

For a complete list of species, see the product label and MSDS.

DILUTE BEFORE USING

Wear eye protection, rubber gloves, protective clothing, and freshly treated lumber.

For the best results, lumber should be anti-stain treated immediately after it is sawn. A delay in treatment of 24 hours or more permits stain mold and decay growth to start which requires a heavier treatment to achieve control of surface growth. Delayed application and too little solution result in internal staining often under a bright surface.

Freshly dipped or sprayed lumber should be protected from rain washing. Dip tanks and drip aprons must be rooted, paved and drained to prevent dilution and loss of the anti-stain solution. The effective T-1 must be absorbed by the lumber. With chlorophenolate miscibility, usually occurs within 15 to 30 minutes. Adequate time must be allowed for any free solution trapped between the boards to either drain off or be absorbed.

Anti-stain treatment concentrations must be geared to achieve protection of the thickest or most valuable items being treated. The concentration of the ready-to-use anti-stain solution must be adjusted to accommodate seasonal changes in the exposure and species being treated. Dip tanks and spray equipment must be properly maintained.

MIXING INSTRUCTIONS Mix one gallon of this product per 100 gallons of water for lumber 2" or less in thickness to protect against sap staining organisms during protracted storage periods.

Lumber should be totally immersed or sprayed so as to wet all surfaces are treated. For lumber thicker than 2" or where temperature and humidity conditions promote severe weather, use double strength solution.

Put about 1/2 of the water to be used in the mixing tank. Add the correct amount of this product and rinse container into the tank. Add the balance of water needed and mix thoroughly.

When using proportioning pumps for mixing, this product should be maintained at temperatures higher than 50 degrees F. to prevent inaccurate mixing due to viscosity changes. Major proportioning rate changes can be affected by changing the setting on the pump dial.

STORAGE AND DISPOSAL

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

Do not discharge into waterways. Do not discharge into sewer systems. Do not discharge into lakes, streams, or rivers. Do not discharge into the ground. Do not discharge into the atmosphere. Do not discharge into any other body of water.

CONTAINER DISPOSAL: This product is equivalent to other products for recycling or reconditioning. Recycle and dispose of containers in accordance with local, state and federal regulations.



Sapstain Control
Chemical T-1

Aids in the control of blue stain, mold and decay of freshly cut lumber when properly used. Effective on Douglas fir, White fir, Spruce, Hemlock, the Pines including both the Southern and Western Yellow Pines, Eastern and Western White Pines, and many of the hardwoods.

KEEP OUT OF REACH OF CHILDREN.

DANGER

See side panel for first aid and additional precautionary statements.

READ "LIMIT OF WARRANTY AND LIABILITY" BEFORE BUYING OR USING IF SUCH TERMS ARE NOT ACCEPTABLE. RETURN AT ONCE UNOPENED.

EPA Reg. No. 453-296
 EPA Est. 33997 CA 01

ACTIVE INGREDIENTS	
Tetrachlorophenol	20.77%
Other Chlorophenols & Related Compounds	5.61%
INERT INGREDIENTS	73.62%
TOTAL	100.00%

LIMIT OF WARRANTY AND LIABILITY

This product is warranted to be free from defects in material and workmanship under normal conditions of use. It is not a guarantee of performance. The user assumes all responsibility for the proper application of this product. The manufacturer is not responsible for any damage to property or persons caused by the use of this product. The manufacturer is not responsible for any damage to property or persons caused by the use of this product.

Koppers Company, Inc.
Wood Treating Chemicals Dept.
 5137 Southwest Avenue, St. Louis, Missouri 63110
 314/772-2200

NET CONTENTS

U.S. GALLONS

BEST DOCUMENT AVAILABLE

PRECAUTIONARY STATEMENTS
HAZARDS TO
DOMESTIC ANIMALS
DANGER

CAUSES SKIN BURNING
EYE DAMAGE, HARMFUL IF SWALLOWED, MAY BE ABSORBED THROUGH SKIN IF INHALED.

Do not get in eyes, on skin, clothes and protective clothing recommended when dipping, and a respirator when spraying. Repeated breathing of vapors saturated atmosphere. Use in well-ventilated areas. Not for use or storage in confined areas. Keep containers closed when not in use.

FIRST AID: For skin contact, wash with soap and water. Remove shoes. Wash clothes before reuse. In case of eye contact, flush with water for 15 minutes and seek medical attention. If swallowed, do not induce vomiting. Seek medical attention.

NOTES TO PHYSICIAN:

Probable mucosal damage. The use of gas mask is recommended. The tetrachlorophenol is a metabolic stimulant.

ENVIRONMENTAL HAZARD: This product is toxic to fish and aquatic life. Do not discharge into lakes, streams, or rivers. Do not discharge into the ground.

This product is toxic to domestic animals and should not be used in contact with them. Do not be taken to prevent contact with ornamental shrubs and vegetation. Vapors may cause injury if inhaled. Do not use in other confined areas, where birds or mammals may be present.

PHYSICAL OR CHEMICAL HAZARD: DO NOT use, pour, or open in a confined area. IN CASE OF FIRE: Use water, CO₂, or alcohol.

KOPPERS

Sapstain Control Chemical T-1

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KEEP OUT OF REACH OF CHILDREN.

DANGER

See side panel for first aid and additional precautionary statements

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EPA Reg. No 453-296
EPA Est. 33907-CA-01

ACTIVE INGREDIENTS
Tetrachlorophenol 20.77
Other Chlorophenols &
Related Compounds 5.61
INERT INGREDIENTS 73.62
TOTAL 100.00%

LIMIT OF WARRANTY AND LIABILITY

This company warrants that the use of this product, when used in accordance with the directions referred to in the directions for use. This product is not a substitute for the use of preservative. The use of this product does not constitute a warranty of control of these or other fungi or insects. It is with the understanding that the user is responsible for the control of these or other fungi or insects. NO OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS FOR USE, MERCHANTABILITY, OR FITNESS FOR ANY OTHER PURPOSE IS MADE BY THIS COMPANY. The user assumes all liability for any damage or injury resulting from the use or handling of this product, including the purchase or handling of this product, or the use of this product. The user's liability is not limited by any statute or other agreement.

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NET CONTENTS

U.S. GALLONS

BEST DOCUMENT AVAILABLE

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

DANGER

CAUSES SKIN BURNS AND IRREVERSIBLE
EYE DAMAGE, HARMFUL OR FATAL IF
SWALLOWED, MAY BE FATAL IF
ABSORBED THROUGH SKIN. HARMFUL
IF INHALED.

Do not get in eyes, on skin, or on clothing. Use of goggles and protective clothing (rubber gloves) is recommended when dipping, and use of an approved respirator when spraying. Avoid prolonged and/or repeated breathing of vapors, mist or substantially saturated atmosphere. Use only in well ventilated areas. Not for use or storage in or around the home. Keep containers closed when not in use. Do not take internally.

FIRST AID: For skin contact, wash thoroughly with soap and water. Remove contaminated clothing and shoes. Wash clothes before reuse. *Get medical attention.* In case of eye contact, flush immediately with plenty of water for 15 minutes and get medical attention.

If swallowed, do not induce vomiting. *Get medical attention.* If inhaled, remove to fresh air.

NOTES TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage.

The tetrachlorophenol in this product is a metabolic stimulant. Treat symptomatically.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish and wildlife. Do not apply directly to lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is toxic to domestic animals. Treated sawdust and other wood wastes should be disposed of properly and should not come in contact with domestic animals or be used as mulch where it will come in contact with useful living plants. Care should be taken to prevent drip or spray from contacting ornamental shrubs, trees, grass and other desirable vegetation.

Vapors may cause injury if adequate ventilation is not insured. Do not use this product indoors, or any other confined areas, where the vapors may concentrate or migrate indoors and cause injury to plant or animal life.

PHYSICAL OR CHEMICAL HAZARDS: COMBUSTIBLE. DO NOT use, pour, spill or store near heat or open flame.

IN CASE OF FIRE: Use dry chemicals, foam, water or CO₂. Cool and containers with water.

EPA 40 CFR 161.830.5

1000 ...
117 ...
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Attention: Mr. ...

Confidential

Subject: ...
EPA Registration No. 453-296
Your Letter dated May 9, 1963

The studies submitted under accession number 251675 have been reviewed by our scientific staff. These findings are as follows:

1. All studies except the acute inhalation study are acceptable. In the Acute Inhalation Study, L₅₀ and 95% confidence limits for males and females individually, also chamber conditions (temperature, relative humidity, etc.) must be submitted.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted.

1. The Precautionary Statements must include: Toxic, Corrosive. Causes skin burns and irreversible eye damage. Harmful if swallowed.
2. In the Environmental Hazard Statement change "Do not apply...ponds" to "Do not apply directly to water or wetlands."

A stamped copy of the label is enclosed for your records.

Sincerely yours,

[Signature]
Henry H. Jacoby
Product Manager (21)
Fungicide-herbicide Branch
Registration Division (70-707)

Inclosure

PCR-32077; Jacoby, 12/26/a3:ue). 1/3/64:FD-06:tar

CONCURRENCES						
SYMBOL						
SURNAME						
DATE						

EPA Form 1320-1-481

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