

USDA REG. NO. 1001-4

KERNS
TF7

CRABGRASS KILLER and FUNGICIDE

Active Ingredient: Phenylmercuric Acetate 10%
Inert Ingredients: 90%

KEEP FROM FREEZING

DANGER: Keep out of the reach of children.

This product is toxic to fish and wildlife, Keep out of any body of water.

POISON: Antidotes



External: If spilled on skin wash with soap and water.
Internal: If taken internally produce vomiting with a
mixture of salt, soap, or mustard in warm water.
Call physician immediately.



WARNING: If spilled on skin flush off at once with cold water to prevent severe skin burns. Do not breathe spray mist. Do not get in eyes, on skin or on clothing. Keep away from children and animals. Keep children and pets off treated area until this material has been washed into the soil and area is completely dry. **J.F. KERNS INDUSTRIES**

South El Monte, California 91733

HANDLING TF7

TF7 contains 10% phenylmercuric acetate held in water solution by an organic complex. It can be spilled on the hands, and no injury will result if rinsed off with water immediately. However, if TF7 is left on the skin, painful blisters may develop a few hours later. These should be given the same treatment as blisters caused by heat.

The precautions needed with TF7 are no different than those required with strong

acids, arsenicals, other mercurials or caustic soda. TF7 like these materials, becomes much safer on dilution with water. In any applications where the solution is expected to come in contact with a workman's hands, it should be diluted at least 1:100 This will prevent discomfort and burning of the skin.

Spray equipment should be rinsed with plain water after use.

DOSAGE TABLE

Area Square Feet	Ounces PHAS Per treatment on Fairways**	Ounces PHAS Per treatment on Greens	Area Square Feet	Ounces PHAS Per treatment on Fairways	Ounces PHAS Per treatment on Greens
1,000	2 1/2	1	9,000	22 1/2	9
2,000	5	2	10,000	25	10
3,000	7 1/2	3	20,000	50	20
4,000	10	4	30,000	75	30
5,000	12 1/2	5	40,000	100	40
6,000	15	6	43,500*	109	43 1/2
7,000	17 1/2	7	50,000	125	50
8,000	20	8	60,000	150	60

*One Acre
**On Fairways where height of grass is 1/2 inch or under, cut the above dosage by one-half.
BERMUDA GREENS: 2 ounces per 1,000 sq. feet. BERMUDA FAIRWAYS: 3 to 4 ounces per 1,000 sq. feet

The amount of water used is not important and will depend on the type of spray equipment available.

To provide uniform coverage and distribution of any chemical, it is a good plan to be sure the amount of spray mix-

ture is sufficient to cover an area at least twice. Thus, in applying 50 gallons in a pressure sprayer to 5,000 square feet, the operator measures off a 5,000 square foot area and goes over it repeatedly until his tank is empty.

Net Contents

Gallons

ACCEPTED

OCT 30 1968

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND FUNGICIDE ACT
FOR ECONOMIC POISON REGISTERED
ED UNDER NO. 1001-4 SUBJECT
TO ATTACHED COMMENTS.

O. 1001-4

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S. KILLER FUNGICIDE

Mercuric Acetate 10%
..... 90%

FREEZING
Keep out of the reach of children.
Keep out of any body of water.

Antidotes

Wash with soap and water.
If ingested, produce vomiting with a
solution of mustard in warm water.
If inhaled, immediately



rinse with cold water to prevent severe
burns. Do not get in eyes, on skin or on
clothing. Keep children and pets off
of area washed into the soil and area is

INDUSTRIES

California 91733

HANDLING TF7

TF7 contains 10% phenyl mercuric acetate held in water solution by an organic complex. It can be spilled on the hands, and no injury will result if rinsed off with water immediately. However, if TF7 is left on the skin, painful blisters may develop a few hours later. These should be given the same treatment as blisters caused by heat.

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acids, arsenicals, other mercurials or caustic soda. TF7 like these materials, becomes much safer on dilution with water. In any applications where the solution is expected to come in contact with a workman's hands, it should be diluted at least 1:100 This will prevent discomfort and burning of the skin.

Spray equipment should be rinsed with plain water after use.

DOSAGE TABLE

Area Square Feet	Ounces PMAS Per treatment on Fairways**	Ounces PMAS Per treatment on Greens	Area Square Feet	Ounces PMAS Per treatment on Fairways	Ounces PMAS Per treatment on Greens
1,000	2½	1	9,000	22½	9
2,000	5	2	10,000	25	10
3,000	7½	3	20,000	50	20
4,000	10	4	30,000	75	30
5,000	12½	5	40,000	100	40
6,000	15	6	43,560*	109	43½
7,000	17½	7	50,000	125	50
8,000	20	8	60,000	150	60

*One Acre
**On Fairways where height of cut is ¾ inch or under, cut the above dosage by one-half.
BERMUDA GREENS: 2 ounces per 1,000 sq feet. BERMUDA FAIRWAYS: 3 to 4 ounces per 1,000 sq feet

The amount of water used is not important and will depend on the type of spray equipment available.

To provide uniform coverage and distribution of any chemical, it is a good plan to be sure the amount of spray mix-

ture is sufficient to cover an area at least twice. Thus, in applying 50 gallons in a pressure sprayer to 5,000 square feet, the operator measures off a 5,000 square foot area and goes over it repeatedly until his tank is empty.

Net Contents

Gallons

NET CONTENTS

GALLONS



PERMATOX 110*

CONCENTRATE FUNGICIDE FOR CONTROL OF SAPSTAIN AND MOLD IN FRESH CUT LUMBER AND TIMBER.

PERMATOX 110 is a new concept in sapstain and mold control for lumber and other wood products. Mixed with water as directed, the ready-to-use PERMATOX 110 is non-alkaline and needs no buffers or operator control to offset the natural acidity of the wood.

Use of PERMATOX 110 can yield up to a fifty-fold return on cost in terms of stain and mold degrade.

PERMATOX 110 is supplied as a concentrate for automatic dilution for use with the correct amount of water through the SURE-MIX SYSTEM.

DIRECTIONS

PERMATOX 110 is mixed with water for use. The standard ready-to-use concentration is one gallon of PERMATOX 110 combined with 250 gallons of water. This normally is sufficient for rough sawn lumber 2 inches or less in thickness when air or kiln drying is carried out in accordance with industry accepted practices.

For thicker or bundled lumber or under unusually severe or lengthy periods or conditions favorable to sapstain or mold development, combine one gallon of PERMATOX 110 with 125 to 200 gallons of water.

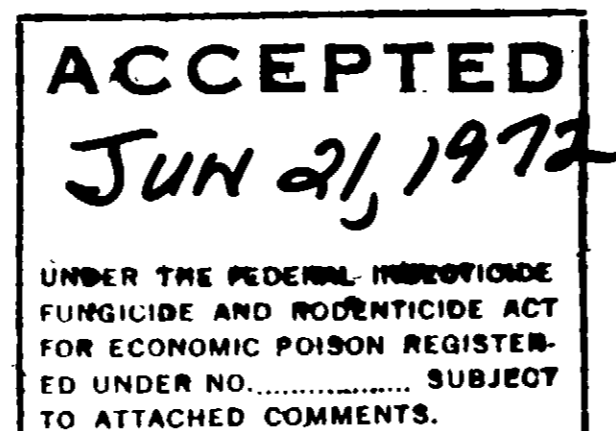
Smooth-surfaced or dressed lumber ordinarily requires a higher PERMATOX 110 concentration in water than does rough sawn wood simply because smooth-surfaced wood retains less solution. Use one gallon of PERMATOX 110 combined with 100 to 150 gallons of water.

For best results, the wood should be treated within 24 hours of cutting by dipping or spray applications. Apply 8 to 10 gallons of the water-diluted,

READ THIS LABEL BEFORE USING PRODUCT

INGREDIENT STATEMENT

ACTIVE INGREDIENTS	
Tetrachlorophenol.....	29.60%
2,4-5-Trichlorophenol.....	4.75%
Other chlorinated phenols.....	8.00%
INERT INGREDIENTS.....	
Total.....	100.00%



CAUTION

Apply this product only as specified on this label.

This product is toxic to fish and wildlife. Do not contaminate water by cleaning of equipment or disposal of wastes.

PATENT PENDING

ed, ready-to-use PERMATOX 110 per 1000 board feet of lumber.

Freshly treated lumber should be protected from rain. Dip tanks should be protected from over dilution and rake out sawdust daily.

WARNING

KEEP OUT OF THE REACH OF CHILDREN!

Harmful if swallowed. Do not breathe fumes. Do not get on skin or on clothing. Wear rubber gloves when handling lumber wet with solution. Causes eye damage. Wear goggles or face shield when handling. In case of skin contact wash with soap and water; for eyes, flush with water for at least 15 minutes and get medical attention. In case of swallowing, induce vomiting by giving an emetic such as a teaspoon of mustard in water followed by flour and water. CALL A PHYSICIAN IMMEDIATELY.

Keep away from animals. Avoid contact with feed and foodstuffs. Keep out of potable water supplies. Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

NOTICE

Neither the manufacturer nor the seller makes any representation or warranty, express or implied, concerning this material, except that it is of standard quality. Neither shall be held responsible in any manner for any personal injury, property damage or other type of loss resulting from handling, storage or use of this materials. Buyer assumes all risk of use and/or handling of this materials when such use and/or handling is contrary to label instructions.

EPA REG. NO. 1022-465

MANUFACTURED BY **CHAPMAN CHEMICAL COMPANY** MEMPHIS, TENNESSEE