

DIRECTIONS FOR USE

TURPENTINE BEETLE (*Dendroctonus terebrans*) Identification: Reddish brown to dark brown or black in color, barrel-shaped in appearance and varying from 1/4 to 1/3 inch in length. Turpentine beetles make galleries 1/4 to 1/2 inch wide which are usually broad, irregular and up and down in direction. Pitch tubes on the lower trunk, usually not more than 10 feet above the ground.

CONTROL (SHADE TREES) Mix 1 gallon of BHC Spray Concentrate with 14 gallons of diesel oil (1. oz./gal.) and spray base of tree 18 in. up, higher if there are attacks. **IN CASE OF DANGER TO SHRUBBERY USE WATER SUBSTITUTED FOR OIL.** Repeat at 30-day intervals. Shade trees examined regularly need not be sprayed until infestation begins.

CONTROL (FOREST CONDITIONS) Spray a mixture made with 1 gallon BHC Spray Concentrate to 14 gallons of diesel oil to basal 18 inches of the tree or higher if there are attacks, until it runs freely down the bark. Use small droplet spray (not mist) after loose bark is sloughed off. Spray stumps also as a precaution. Do not apply during rain or on wet bark. Spray is effective for approximately three months.

SOUTHERN PINE BEETLE (*Dendroctonus frontalis*) about 1/8 inch in length, a small dark reddish brown to black. Adult beetle rear end rounded with no spines. It has a slight notch on the front end of the head between the eyes visible with the hand lens. Southern pine beetles make S-shaped galleries 1/8 in. wide on inner bark.

CONTROL (SHADE TREES and FOREST CONDITIONS) Use same directions as for Pine Engraver Beetle.

BHC SPRAY CONCENTRATE

ONE POUND GAMMA ISOMER PER GALLON

ACTIVE INGREDIENTS:

Gamma Isomer of Benzene Hexachloride	11.5%
Other Isomers of Benzene Hexachloride	18.3%
Petroleum Hydrocarbons	65.4%
INERT INGREDIENTS	4.8%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING: Harmful if swallowed! May be absorbed through skin! May produce irritation of skin and eyes. Do not breathe spray mist. Avoid contact with skin or eyes. In case of contact, wash immediately with soap and water; for eyes, flush with water and get medical attention. Avoid contamination of feed and food-stuffs. Use only as directed. If mixed with oil, do not allow appreciable quantities to settle on ornamentals or the leaves of smaller trees.

ANTIDOTE: INTERNAL: Give one tablespoonful of table salt in a glass of warm water and repeat until vomit fluid is clear. Contact your physician. **EXTERNAL:** Wash with plenty of soap and water. For eyes, flush with plenty of water, and get prompt medical attention.

WARNING — FLAMMABLE! KEEP AWAY FROM HEAT OR OPEN FLAME.

This product is highly toxic to bees exposed to direct treatment of residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

DO NOT REUSE CONTAINER. DESTROY WHEN EMPTY.

Packaged and Distributed by
SOUTHERN AGRICULTURAL INSECTICIDES, INC.

Palmetto, Fla.

Hendersonville, N. C.

Boone, N. C.

EPA Reg. No. 829-221

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Net Contents Liquid: 1 Gallon

PINE ENGRAVER BEETLES (*Ips*) Several Species Identification: From less than 1/16 to nearly 1/4 inch long. Varying in color from reddish brown to nearly black. Adult beetle rear end appears as if it had been cut off at an angle, the upper portion slightly hollowed out and bearing a number of spines. To determine if *Ips* beetles are present, examine the inner bark for 1/8 inch wide galleries which extend from a central chamber more or less parallel to grain of the wood.

CONTROL (SHADE TREES) Mix 1 gallon of BHC Spray Concentrate with 55 gallons of water. (2 1/2 fl. oz./gal.) Spray entire length of tree at first signs of danger. Repeat at 30-day intervals. If heavy infestations are in the vicinity, preventative sprays may be used for valuable trees. Use above mixture and spray trees for their entire height.

CONTROL (FOREST CONDITIONS) Cut and remove or spray high risk or beetle infested trees, and burn or spray tops. Observe fire damaged trees regularly. If inner bark has turned brown salvage the tree at once. For spraying use 1 gallon BHC Spray Concentrate mixed with 55 gallons of light petroleum oil. Apply to trunk, tops and stumps as a medium fine spray until it begins to drip. A mist spray is not desirable. Do not spray when bark is wet. Spray is effective for about three months.

This product is toxic to fish, birds and other wildlife. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on this label.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with the directions and precautions given herewith.

ACCEPTED

MAY 21 1973

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTER-
ED UNDER NO. 829-221
TO ATTACHED COMMENTS.