

11-317

## BHC PINE TREE SPRAY

1 LB. GAMMA ISOMER PER GALLON

### DIRECTIONS FOR USE

**TURPENTINE BEETLE** (*Dendroctonus terebrans*) Identification: Reddish brown to dark brown or black in color, barrel-shaped in appearance and varying from ¼ to ½ inch in length. The largest pine bark beetles in S. C. Turpentine beetles make galleries ¼ to ½ 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 Pine Tree Spray with 14 gallons of diesel oil 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 Pine Tree Spray 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 ¼ 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 ½ in. wide on inner bark.

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

**PINE ENGRAVER BEETLES** (*Ips*) Several Species Identification: From less than 1/16 to nearly ¼ 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 ¼ 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 Pine Tree Spray with 55 gallons of water. Spray entire length of tree at first signs of danger. Repeat at 30-day intervals. If heavy infestations are in the vicinity, preventive sprays may be used for valuable trees. Use above mixture and spray trees for their entire height.

1 QUART

# FLIGHT

BRAND



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### ACTIVE INGREDIENTS:

Gamma Isomer of Benzene Hexachloride .....	11.5%
Other Isomers of Benzene Hexachloride .....	18.3%
Xylene .....	65.4%

<b>INERT INGREDIENTS:</b> .....	4.8%
	100.0%

### WARNING

**KEEP OUT OF REACH OF CHILDREN**

**DO NOT REUSE CONTAINER. DESTROY WHEN EMPTY.**

**SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONS & ANTIDOTE STATEMENT.**

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

### PINE ENGRAVER BEETLES (Continued)

**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 of BHC Pine Tree Spray 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.

### 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.

**FIRE HAZARD:** Do not spray into or near fire or open flame. Do not smoke while spraying. Do not store near fire or open flame.

**WARNING:** This product is toxic to fish and wildlife. Keep out of any body of water. Do not apply when weather conditions favor drift from area treated. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

**WARNING:** May be fatal 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 & water; for eyes, flush with water & get medical attention. Wash thoroughly after handling.

Avoid contamination of feed and foodstuffs. Use only as directed. If mixed with oil, do not allow appreciable quantities to settle on ornamentals or the leaves of smaller trees.

**NOTICE:** The manufacturer guarantees and warrants that the active ingredient and the minimum active ingredient content and the net weight of the contents are as stated and that the directions, warnings and other statements on this label are reasonably and fairly based upon responsible testing of effectiveness, of toxicity to plants and to laboratory animals and of residue remaining in food crops. The manufacturer makes no other express or implied guarantee, warranty or representation whatever of a similar or different sort and none is to be inferred by the purchaser or user. Neither Carolina Chemicals, Inc. nor the seller shall be held responsible in any manner for any personal injury or property damage or other type of loss resulting from the careless or improper handling, storage or use of this material whether used singly or in combination with other materials. The buyer (or user) assumes and agrees to accept all risk and liability resulting from such handling, storage or use. No modification of this paragraph is authorized except by specific reference to this paragraph in writing by an officer of the manufacturer.

Manufactured By **Carolina Chemicals, Inc.** West Columbia, S. C.  
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