

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DEC 3 1991

Mr. C. D. Gunderson  
USS Agri-Chemicals  
Division of United States Steel  
1100 Johnson Ferry Road NE  
Atlanta, GA 30342

Dear Mr. Gunderson:

Subject: Reregistration of Products Containing Lindane  
Vertagreen Borer Killer Aerosol  
EPA Registration No. 3442-789  
Your Application Dated January 10, 1986

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

1. Change the signal word back to **CAUTION** throughout the labeling unless you have data/information supporting the signal word **WARNING**. If this is the case, please submit this data for our review.
2. This product previously listed a 34 inch flame extension and therefore the word **Flammable** must appear on the label at the beginning of the Physical and Chemical Hazards statement. If the product has undergone reformulation and does no longer have a 34 inch flame extension, please submit a revised Confidential Statement of Formula.
3. Delete "aromatic petroleum distillates" and "petroleum hydrocarbon" from the ingredients statement and add their percentages to that of the inert ingredients. Then add a footnote to the inert ingredients indicating "Contains petroleum distillates."
4. Delete the word **Homeowner** from the statement "Homeowner Protective Clothing." The protective clothing information pertains to any applicator.

5. Delete the phrase "see label" from the Confidential Hazards statement.

SYMBOL							
SURNAME	ICF						
DATE	12/24/91						

297

2

Submit five copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

George T. LaRocca  
Product Manager 13  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)



397

CONTAINER PRINT SPECIFICATIONS

Subject	Vertagreen Borer Killer Aerosol	Account:	VG50085
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			GRA002

REMARKS

DEC 3 1991

VERTAGREEN BORER KILLER  
(Bark Penetrating Type)

3442-789

ACTIVE INGREDIENTS:	BY WEIGHT
Lindane (Gamma Isomer of Benzene Hexachloride).....	1.00%
Aromatic Petroleum Distillate.....	5.00%
Petroleum Hydrocarbon.....	63.90%
INERT INGREDIENTS:.....	30.10%
TOTAL:.....	100.00%

Penetrates to kill borers and their larvae feeding in the cambium and phloem layers of trees and shrubs. Kills borers after the tree has been infested.

KEEP OUT OF REACH OF CHILDREN

WARNING/AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

See Bank Panel for Statement of Practical Treatment and other Precautionary Statements

Note: Regarding above copy, minimum type size is:  
18 Pt. for WARNING/AVISO  
12 Pt. for KEEP OUT OF REACH OF CHILDREN

## STATEMENT OF PRACTICAL TREATMENT

If Swallowed-Call a physician or Poison Control Center immediately. Do not induce vomiting. Vomiting may cause aspiration pneumonia.

If On Skin- Remove contaminated clothing and wash affected areas with soap and water.

If In Eyes-Flush eyes with plenty of water. Call a physician immediately.

If Inhaled-Remove victim to fresh air. Apply artificial respiration if indicated.

EPA Reg. No. 3442-789

EPA Est. No. 3442-FL-2

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NET WEIGHT 14 OUNCES

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Homeowner Protective Clothing

Homeowner applicators must wear the following protective clothing during the application process: long sleeved shirt, long pants, waterproof gloves, full foot coverings, and a head covering.

WARNING: Avoid exposure to children. Do not allow children to handle or apply this product. Children and pets should not be allowed in treated areas until treated surfaces are dry.

WHERE TO APPLY - Apply only to mature seasoned bark of trees and shrubs which is dry, clean and free of exuding "sap" or other surface debris. "Signs" of Borer feeding usually include one or more of the following: an entry hole through the bark into the heart wood; sawdust that has been pushed out of the hole by the insect (check for sawdust which may have fallen to the base of the plant at soil level); a discoloration and wet area on the bark caused by the exuding "sap". Treat any "spot" in the tree or shrub which is accessible therefor the trunk or limbs. Do not apply to foliage or small twigs of current years growth because of possible damage (borers are not likely to infest these areas of the plant). Do not apply to areas that are free from insect feeding.

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 USS Agri-Chemicals  
 Division of United States Steel  
 1100 Johnson Ferry Road NE  
 Atlanta, GA 30342

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4. Delete the word **Homeowner** from the statement "**Homeowner Protective Clothing.**" The protective clothing information pertains to any applicator.

5. Delete the phrase **CONCURRENCES** and **from the** **Hazards statement.**

SYMBOL							
SURNAME	IGS						
DATE	10/29/91						

Submit five copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

George T. LaRocca  
Product Manager 13  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Subject	Vertagreen Borer Killer Aerosol	Account: VG50085
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DEC 3 1991

**VERTAGREEN BORER KILLER**  
(Bark Penetrating Type)

3442-781

**ACTIVE INGREDIENTS:**

	BY WEIGHT
Lindane (Gamma Isomer of Benzene Hexachloride).....	1.00%
Aromatic Petroleum Distillate.....	5.00%
Petroleum Hydrocarbon.....	63.90%
INERT INGREDIENTS:.....	30.10%
TOTAL:.....	100.00%

Penetrates to kill borers and their larvae feeding in the cambium and phloem layers of trees and shrubs. Kills borers after the tree has been infested.

KEEP OUT OF REACH OF CHILDREN

**WARNING/AVISO**

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EPA Reg. No. 3442-789

EPA Est. No. 3442-FL-2



**Agri-Chemicals**  
Division of United States Steel

CONTAINER PRINT SPECIFICATIONS

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NET WEIGHT 14 OUNCES

**DIRECTIONS FOR USE**

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Homeowner Protective Clothing

Homeowner applicators must wear the following protective clothing during the application process: long sleeved shirt, long pants, waterproof gloves, full foot coverings, and a head covering.

**WARNING:** Avoid exposure to children. Do not allow children to handle or apply this product. Children and pets should not be allowed in treated areas until treated surfaces are dry.

**WHERE TO APPLY** - Apply only to mature seasoned bark of trees and shrubs which is dry, clean and free of exuding "sap" or other surface debris. "Signs" of Borer feeding usually include one or more of the following: an entry hole through the bark into the heart wood; sawdust that has been pushed out of the hole by the insect (check for sawdust which may have fallen to the base of the plant at soil level); a discoloration and wet area on the bark caused by the exuding "sap". Treat any "spot" in the tree or shrub which is accessible therefor the trunk or limbs. Do not apply to foliage or small twigs of current years growth because of possible damage (Borers are not likely to infest these areas of the plant). Do not apply to areas that are free from insect feeding.





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Division of United States Steel

CONTAINER PRINT SPECIFICATION:

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HOW TO APPLY - Insert the plastic extension tube into the aerosol nozzle. Apply as a "Spot Spray" only to each area that shows insect feeding "signs". Do not apply as a treatment which encircles a limb or trunk since damage will result to the plant. If possible insert the extension tube into the Borer entry hole and release the insecticide into the plant for 1 to 2 seconds per hole. Repeat in 5 to 7 days if "feeding signs" are still observed.

Flat Headed Borers (Burpresidae) in Apples, Ash, Beech, Boxelder, Cottonwood, Elm, Horsechestnut, Linden, Maple, Oak, Pear\*, Poplar, Sycamore and Willow should be treated as soon as first noted. The symptoms can include a damp spot on the bark at the point of early infestation, developing until the sap drips from the spot; discoloration of the bark overlying the tunnel, and the possible appearance of dry frass at the entrance, to or just below, the tunnels. If the treated area has not dried within a week to ten days, treatment should be repeated.

Roundheaded Borers (Cerambycidae): This family of insects is more difficult to control, because a portion of their life cycle is spent in the sapwood and heartwood, during a 2 to 4 year life cycle. The most successful treatment is at the beginning of the larvae stage or during the pupae stage, at both of which times the insect is located just under the bark. Consult with the State Agriculture Extension Service to determine the life cycle of the borer in question. Borer Killer can also be used by injection into the tunnels. Each tunnel opening must be treated.

\*Limit spray applications to the period before formation of fruit or after harvest.



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### STORAGE & DISPOSAL

(Note: Heading must be 12 Pt. minimum type size)

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

STORAGE - Store in a cool dry place.

DISPOSAL: Replace cap and discard container in trash. Do not incinerate or puncture.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING

Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes, and clothing. Avoid contamination of food or foodstuffs. In case of contact with skin or eyes, flush with plenty of water, eyes require medical attention. Wash with soap and water after handling and before eating or smoking. Do not use on humans or household pets.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds, and other wildlife. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

#### PHYSICAL AND CHEMICAL HAZARDS

**Flammable**  
Contents under pressure. Keep away from heat or open flame. Do not puncture, incinerate or store above 120°F. Do not use near open flame or electrical spark. Contains a Petroleum Distillate.



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**NOTICE:** USS Agri-Chemicals can accept no responsibility for injury to persons or animals or for loss or damage to turf, soil or other property resulting from failure to follow directions for use or to observe cautions printed on this package.

Manufactured and Registered by  
USS Agri-Chemicals  
Division of United States Steel  
1100 Johnson Ferry Road N.E., Atlanta, GA 30342  
Vertagreen is a Registered Trademark

USS  
UPC Code  
25704-50085

Below for Internal Use Only

APPROVAL	MARKETING	DATE	REGULATORY SVCS.	DATE
BY	<i>[Signature]</i>	<i>4/28/86</i>	<i>[Signature]</i>	<i>4-28-86</i>