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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION N°	DATE OF ISSUANCE
	E220-37	1/29/86
	TERM OF ISSUANCE Until Re-registration	
NAME OF PESTICIDE PRODUCT head To Tail Flea & Tick Shingle For Dogs		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

<input type="checkbox"/> Carter-Wallace, Inc. Lambert Kay Division Ball Acie Road P.O. Box 418 Cranbury, NJ 08512	162268 18/03 166
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NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 8220-37" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Jay S. Ellenberger
 Product Manager (12)
 Insecticide-Rodenticide Branch
 Registration Division (TS-767C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
<i>Jay S. Ellenberger</i>	1/29/86

Front Panel

A MAJOR ADVANCE IN FLEA & TICK CONTROL

NEW

HEAD TO TAIL™
FLEA & TICK SHIELD FOR DOGS

A time release polymer that protects the entire dog with an invisible shield.

Kills fleas up to 60 days
Kills ticks up to 16 days

- Fast, easy to apply
- Leaves coat feeling soft and natural
- Starts working immediately
- Keeps working for 14 days even if after thorough wetting

Active Ingredient:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl)
phosphorothioate] 0.25%
Inert Ingredients 99.75%

KEEP OUT OF REACH OF CHILDREN

WARNING

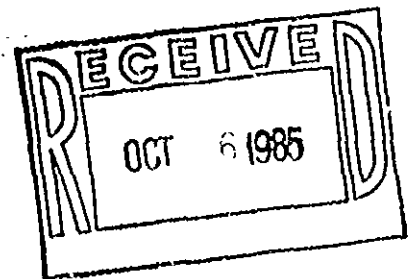
See back panel for additional precautionary statements
Net Contents 6 Fl. Oz. (177 mL)

ACCEPTED
with COMMENTS
In EPA Letter Dated:

JAN 29 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

8220-31



Oct. 9, 1985

BACK PANEL

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS

WARNING

HAZARDS TO HUMANS: Harmful if swallowed or inhaled. May cause eye irritation. Avoid contact with eyes, skin or clothing. Avoid contamination of food. Wash hands with soap and water after use.

HAZARDS TO ANIMALS: Do not use on cats. Do not use on nursing puppies or pups under 16 weeks of age. Avoid spraying in eyes. Chlorpyrifos is a cholinesterase inhibitor. Do not use this product simultaneously or within 30 days after treating with other cholinesterase inhibiting drugs or insecticides. In the event dog exhibits an adverse reaction from use of this polymer spray, it can be readily removed by bathing with soap and water.

Note to Physician/Veterinarian: Atropine only by injection is antidotal. Use only if symptoms of cholinesterase inhibition are present.

PHYSICAL OR CHEMICAL HAZARDS: Flammable; keep away from heat or open flame.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash thoroughly with soap and water.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Spray in well ventilated area.

HEAD TO TAIL™ coats every hair shaft with a time release insecticidal polymer that keeps working up to 60 days. For maximum effectiveness HEAD TO TAIL should be applied as follows:

1. Apply to a clean, dry coat. Shampooing and drying prior to application are suggested. Do not repeat application for at least 30 days.

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BACK PANEL (Continued)

2. The coat should be thoroughly wetted down to the skin with HEAD TO TAIL. Spray against the lay of the hair ruffling the coat on long-haired dogs. Be sure to wet neck, chest, abdomen and legs thoroughly. Avoid spraying in eyes or on genitalia. Do not rinse dog.

It will require about 1.5 fl. oz. per 10 lbs. of body weight to thoroughly wet the coat. This bottle will treat a dog weighing up to 40 lbs.

3. Allow dog to air dry or blow dry. Do not towel dry as this will tend to remove the product. The coat will air dry quickly...usually in 10 to 15 minutes. When dry any residual odor will disappear.
4. When dry, comb or brush dog as usual. The coat will feel natural to the touch with no stiffness or sticky residue.
5. Exposure to wetting (i.e. rain/swimming) will reduce effectiveness against fleas and ticks. If thoroughly wet, effectiveness is reduced to 14 days.

Washing with shampoo, soap or detergent will completely remove the product.

STORAGE AND DISPOSAL

STORAGE: Store at room temperature.

DISPOSAL: Do not reuse empty container. Wrap bottle and put in trash.

Manufactured for Carter-Wallace, Inc.
Lambert Kay Division, Cranbury, NJ 08512

EPA Reg. No. 8220-XXXXX
EPA Est. 7056-TX-1

Product No. XXXXX
LB-XXXXX-XX

U.S. Patent Pending.

Oct. 9, 1985