

11/14 2393-390 Page 1 of 5
US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

2393-390

OCT 27 1992

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Hopkins Cov-R-Tox Encapsulated
Warfarin - 50% Technical
Manufacturing Concentrate

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

HACO, Inc.
P.O. Box 7190
Madison, WI 53707

5426982 675
22

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.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above. Enclosed is a copy of your label stamped "Accepted". This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Make the revisions specified below before you print the final labeling for this product.

- Under "ENVIRONMENTAL HAZARDS" insert "fish and" in the first sentence before "wildlife".

Submit one copy of the final printed label before releasing the product for shipment with the revised labeling. Registrants of Warfarin products are allowed to sell or distribute products bearing old labeling until September 6, 1993.

R.A.F.
Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE OCT 27 1992

Hopkins Cov-R-Tox
Page 1 of 4
September, 1992

Hopkins COV-R-TOX

ENCAPSULATED WARFARIN - 50% TECHNICAL
MANUFACTURING CONCENTRATE

For Formulation Only into Registered Rodenticide
Concentrates and/or Registered End-Use Rodenticides to
Kill Norway Rats, Roof Rats and House Mice.

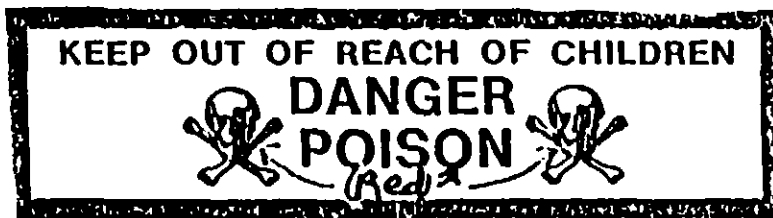
ACTIVE INGREDIENT:

Warfarin {3-(alpha-Acetylbenzyl)- 4-hydroxycoumarin}.....	50.00%
INERT INGREDIENTS:.....	50.00%
TOTAL.....	100.00%

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 7 1992

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
2393-390



STATEMENTS OF PRACTICAL TREATMENT

Get medical attention in all cases of suspected poisoning.
IF SWALLOWED: Call a physician or Poison Control Center
immediately. Induce vomiting by giving two glasses of water and
touching back of throat with finger. Do not induce vomiting or give
anything by mouth to an unconscious person.

IF IN EYES: Flush immediately with plenty of water.

IF ON SKIN: Wash thoroughly with soap and water.

IF INHALED: Remove from exposure. Clear airway and assist
respiration if needed.

NOTE TO PHYSICIAN: If ingested, administer Vitamin K₁
intramuscularly or orally, as indicated in bishydroxycoumarin
overdoses. Repeat as necessary based on monitoring of prothrombin
times. In severe cases, administer Vitamin K₁ intravenously and
administer blood transfusions.

OVEREXPOSURE SYMPTOMS: Symptoms may include back pain, weakness
(anemia), proneness to bruising, nose bleed, bleeding gums and bloody
vomit or urine. If serious overexposure or ingestion is known to
have occurred, do not delay medical attention.

See side panel for additional precautionary statements.

NET WEIGHT _____

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Fatal if swallowed or inhaled. If swallowed by humans, domestic animals, wildlife or pets, this material may reduce the clotting ability of the blood and cause bleeding. Do not breathe dust. Use a dust respirator, or respirator jointly approved by the Mining Enforcement and Safety Administration (MESA) and by the National Institute for Occupational Safety and Health (NIOSH). Do not get in eyes, on skin or on clothing. Use rubber gloves when mixing concentrates and/or baits containing warfarin. Wash thoroughly with soap and water after handling and before eating, smoking or using toilet. Protective goggles (or equivalent) and facility for eyewash recommended. Wear body-covering clothing changed daily or more often if contaminated. Launder clothing before reuse. Consult physician about baseline and periodic complete blood count and prothrombin time tests.

Keep away from domestic animals, wildlife or pets. Avoid contamination of feed and foodstuffs.

Exposure during pregnancy should be avoided. Warfarin may cause harm to the fetus, including possible birth defects.

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

PRODUCT DESCRIPTION

Each particle of warfarin in this product has been specially coated with a material that reduces detection of the warfarin by the rodents at the time the bait is consumed. The coating may help assure greater acceptance of the bait in cases where rodent awareness of uncoated warfarin is responsible for low bait acceptability.

DIRECTIONS FOR USE

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

Only for formulation into a Rodenticide, for (1) the following uses: control of Norway rats, roof rats, and house mice in and around homes, agricultural and industrial buildings, and similar man-made structures, and in sewers; (2) uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and (3) uses for experimental purposes that are in compliance with USEPA requirements.

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STORAGE AND DISPOSAL {12 pt.}

Do not contaminate water, food or feed by storage or disposal.
Storage: Keep product in tightly closed original container.
Store in a dry area not accessible to children, pets, domestic animals or wildlife. Do not store near material with a strong odor.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinstate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

This product is for manufacturing purposes only. Formulators are responsible for compliance with pesticide registration regulations relating to use of this material.

EPA Reg. No. 2393-390
EPA EST. NO. 61282-WI-1

**POISON B SOLID, NOS (WARFARIN),
UN 2811**

Hopkins Cov-R-Tox
Page 4 of 4
September, 1992

IATA: COUMARIN DERIVATIVE PESTICIDE, SOLID,
TOXIC, NOS (WARFARIN), UN 3027, CLASS 6.1
(POISON), PACKING INSTRUCTION 607 (DOT-21C).

POISON LABEL, CARGO AIRCRAFT ONLY LABEL



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NOTICE OF WARRANTY

Manufacturer and Seller make no warranty of merchantability, fitness for any purpose or otherwise, express or implied, concerning this product or its use, which extends beyond the statements on this label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.
COV-R-TOX is a registered TM of Hopkins Agricultural Chemical Co.

MANUFACTURED FOR:
HACO, INC.
P.O. BOX 7190
MADISON, WI 53707 U.S.A.