

NOV 23 1981

655,257311  
18

Mr. J. Allen Dunlap III  
Haco, Inc.  
419 18th Street  
P.O. Box 667  
Greeley, CO 80632

Dear Mr. Dunlap:

Subject: Coumaphos Registration Standard - 2<sup>nd</sup> Round Review - Label  
Revision and Confidential Statement of Formula  
Robert's "Diolice" Dairy and Beef Cattle Dust Bag  
EPA Registration No. 2393-378  
Robert's "Diolice" Animal Insecticide  
EPA Registration No. 2393-385

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. Under Not to Physician insert the wording "by injection" into the phrase "Atropine sulfate by injection is antidotal."
2. For Robert's "Diolice" Dairy and Beef Cattle Dust Bag (EPA Reg. No. 2393-378), add the following statements under the Direction for Use:
  - a. **Restriction:** Do not hang duster over feed, mineral or water troughs.
  - b. **Manage the dispenser bag so as not to apply more than 1 oz dust per animal per day under the Louse and Horn Fly Control.**
3. Please clarify whether the product name is as it appears on the proposed product label "Diolice" Dust with Co-Ral or as it currently appears on file as "Diolice" Dairy & Beef Cattle Dust Bag.

4. For Robert's "Diolice" Animal Insecticide (EPA Reg. No. 2393-385) under cattle instructions modify the statement, "repeat as necessary" to read, "Repeat as necessary but not more often than every 10 days."

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,

George T. LaRocca  
Product Manager 15  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosure

# Hopkins' DIOLICE<sup>®</sup>

## DUST with CO-RAL<sup>®</sup>

ACCEPTED  
with COMMENT  
in EPA List

### FOR CONTROL OF LICE AND HORN FLIES ON BEEF AND DAIRY CATTLE

#### ACTIVE INGREDIENT:

Coumaphos: O,O-dlethyl O-(3-chloro-4-methyl-2-oxo-  
2H-1-benzopyran-7-yl)phosphorothioate\* ..... 1%

INERT INGREDIENTS: ..... 99%

TOTAL 100%

\* U.S. Patent No. 2,748,146;  
Canadian Patent No. 523,208.

### KEEP OUT OF REACH OF CHILDREN CAUTION

See additional precautionary statements below

EPA REG NO. 2393-378

EPA EST. NO. 34704-NB-1

NET WEIGHT 12 1/2 POUNDS

\* CO-RAL is registered trademark of the Parent Company of  
Farbentfabriken Bayer, GmbH, Leverkusen.

25168

EXP

RESTRICTIONS: Do not hang dust bag over feed, mineral or water troughs.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing dusts. Avoid contact with eyes, skin, and clothing. Wash thoroughly with soap and warm water after handling. Do not contaminate food or feed. Keep out of reach of children.

#### STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention if victim displays signs of poisoning.

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.

To Physician: Prolonged exposure will result in cholinesterase depression. Atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish and aquatic invertebrates. Do not contaminate water when disposing of equipment washwater or rinsate.

#### DIRECTIONS FOR USE

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

#### STORAGE AND DISPOSAL

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

STORAGE: Keep product in original container. Keep container tightly closed. High temperatures may shorten shelflife of product.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then 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.

IMPORTANT: Read these entire Directions and Conditions of Sale, including the Warranty and Limitation of Damages provision before using this product.

CONDITIONS OF SALE: These directions for use reflect the opinion of experts based on tests of effectiveness, of toxicity to plants and laboratory animals, and of residues on or in food and feed under normal conditions of use. However, because of the wide range of conditions under which this product may be used, even though label directions are followed, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the Seller, Manufacturer and the Seller offer, and the Buyer uses, this product subject to the understanding that the buyer assumes all such risks.

LOUSE AND HORN FLY CONTROL: Suspend Dust Bag in areas frequented by cattle or in gateways or lanes through which the animals pass daily for water, feed or mineral. Bags may also be suspended in loafing sheds or in front of protected mineral feeders. For lactating dairy cows, dust bag may be suspended in the exit through which cows leave the milking barn. In all cases, the dust bags should be adjusted so that the bottom of the bag will hang four to six inches below the topline of the cattle.

INSTALLATION OF DUST BAG: (For refill, place contents of the package in any commercially available dust bag.) Suspend the dust bags by inserting rope, chain, or wire through the supports at the top of the bag and attaching to an overhead structure or by attaching to hooks fixed to a stationary overhead 2 x 4 at the height recommended for horn fly control. In areas of frequent or heavy rainfall, dust bag should be protected from the weather.

Install as many dust bags as necessary in lanes or other openings to assure proper dusting of the animals. When dust bags are provided on a free-choice basis, allow one Dust Bag per 10 to 20 animals.

Do not apply to sick, stressed, or convalescent animals.

#### WARRANTY AND LIMITATIONS OF DAMAGES

Seller and Manufacturer warrant that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale; subject to the risks referred to therein. HACO makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of HACO is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values, etc.



MANUFACTURED FOR

**HACO, inc.**

BOX 7190  
MADISON, WISCONSIN 53707 U.S.A.

*Hopkins*  
**DIOLICE™**  
**DAIRY AND BEEF CATTLE**  
**DUST BAG**

ACCEPTED  
FEB 13 1991

For use on cattle, horses, and  
other animals. For use on the  
side of the bag.  
Reg. No. 2393-378

**FOR CONTROL OF LICE AND  
HORN FLIES ON BEEF AND DAIRY CATTLE**

**ACTIVE INGREDIENT:**

Coumaphos: O,O-diethyl O-(3-chloro-4-methyl-2-oxo-  
2H-1-benzopyran-7-yl)phosphorothioate ..... 1%

**INERT INGREDIENTS:** ..... 99%

**TOTAL** ..... **100%**

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See additional precautionary statements below

EPA REG. NO. 2393-378

EPA EST. NO. 34704-NB-1

NET WEIGHT 12½ POUNDS

\* CO-RAL is registered trademark of the Parent Company of  
Farbenfabriken Bayer, GmbH, Leverkusen

27574

06/90

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing dusts. Avoid contact with eyes, skin, and clothing. Wash thoroughly with soap and warm water after handling. Do not contaminate food or feed. Keep out of reach of children.

**STATEMENT OF PRACTICAL TREATMENT**

If swallowed: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention if victim displays signs of poisoning.

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. To Physician: Prolonged exposure will result in cholinesterase depression. Atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to birds, fish and aquatic invertebrates. Do not contaminate water when disposing of equipment washwater or rinsate.

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

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

**STORAGE:** Keep product in original container. Keep container tightly closed. High temperatures may shorten shelflife of product.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then 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.

**IMPORTANT:** Read these entire Directions and Conditions of Sale, including the Warranty and Limitation of Damages provision before using this product.

**CONDITIONS OF SALE:** These directions for use reflect the opinion of experts based on tests of effectiveness, of toxicity to plants and laboratory animals, and of residues on or in food and feed under normal conditions of use. However, because of the wide range of conditions under which this product may be used, even though label directions are followed, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the Seller, Manufacturer and the Seller offer, and the Buyer uses, this product subject to the understanding that the buyer assumes all such risks.

**LOUSE AND HORN FLY CONTROL:** Suspend dust bags in areas frequented by cattle or in gateways or lanes through which the animals pass daily for water, feed or mineral. Bags may also be suspended in loafing sheds or in front of protected mineral feeders. For lactating dairy cows, dust bags may be suspended in the exit through which cows leave the milking barn. In all cases, the dust bags should be adjusted so that the bottom of the bag will hang four to six inches below the topline of the cattle. Manage the dispenser bag so as not to apply more than 1 oz. dust per animal per day.

**RESTRICTIONS:** Do not hang dust bag over feed, mineral or water troughs.

**INSTALLATION OF DUST BAG:** (For refill, place contents of the package in any commercially available dust bag.) Suspend the dust bags by inserting rope, chain, or wire through the supports at the top of the bag and attaching to an overhead structure or by attaching to hooks fixed to a stationary overhead 2 x 4 at the height recommended for horn fly control. In areas of frequent or heavy rainfall, dust bag should be protected from the weather.

Install as many dust bags as necessary in lanes or other openings to assure proper dusting of the animals. When dust bags are provided on a free-choice basis, allow one Dust Bag per 10 to 20 animals.

Do not apply to sick, stressed, or convalescent animals.

Regularly inspect dust bags for proper functioning and adequate dust supply. Repair or replace damaged or malfunctioning bags promptly. Recharge with dust as necessary.

**WARRANTY AND LIMITATIONS OF DAMAGES**

Seller and Manufacturer warrant that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale, subject to the risks referred to therein. HACO makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of HACO is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values, etc.



FORMULATED FOR

**HACO, inc.**

BOX 7180  
MADISON WISCONSIN 53707 U.S.A.