

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

(302)
GSR / 153,12540

SEP 17 1990

Mr. Gene R. Currie
Imperial Inc.
P.O. Box 98
Shenandoah, IA 51601

Dear Mr. Currie:

Subject: Coumaphos Registration Standard - 2nd Round Review - Label Revision
Imperial 1 $\frac{1}{2}$ Coumaphos Insecticide
EPA Registration No. 407-386
Your Application Dated August 10, 1990

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 Statement of Practical Treatment, add the Note to Physician as follows:

Note to Physician: Coumaphos is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

- 2. Under cattle instructions for Direct Application, modify the statement "repeat as necessary" as follows: "Repeat as necessary but not more than often than every 14 days."
- 3. Add the following statement under the dust bag directions for use:

Manage the dispenser bag so as not to apply more than 1 oz dust per animal per day.

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

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

IMPERIAL
1% COUMAPHOS
INSECTICIDE

Contains CO-RAL R

ACTIVE INGREDIENTS:

O,O-diethyl O-(3-chloro-4-methyl-2-oxo-2H-
1-benzopyran-7-yl) phosphorothioate 1.0%

INERT INGREDIENTS 99.0%

Total 100.0%

^R CO-RAL is a registered trademark of the Parent
Company of Farbenfabriken Bayer GmbH, Leverkusen.

KEEP OUT OF THE REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS _

EPA Reg. No. 407-386

EPA Est. 407-IA-1

Manufactured for
IMPERIAL INC.
SHENANDOAH, IA 51601

with COUMAPHOS
EPA Letter Dated:

SEP 17 1990

Under the Federal
Fungicide and
Insecticide Act

407-386

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. Provide thorough ventilation while dusting. Persons treating animals should avoid repeated direct contact with skin or inhalation of dust.

Do not dust animals in confined, unventilated area.

For external, insecticidal use on the listed animals only. Avoid contamination of feed, troughs, water and water utensils.

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 the 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.

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: Store in original container, in a cool, dry secure area, away from fertilizer, food, or feed. Keep container closed.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal.

CONTAINER DISPOSAL: Completely empty container. Then offer for recycling or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state or local authorities, by burning. If burned, stay out of smoke.

This product may be used to fill cattle dust bags or it may be applied directly to cattle, swine or swine bedding by use of a shaker can or suitable mechanical dust applicator. When used as recommended, This product controls horn flies and lice on beef and dairy cattle and lice on swine. It will also reduce face fly populations. However, as face flies are able to travel over an area of several miles, best reduction of this pest is achieved when this product is used on an area-wide basis.

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595
RECOMMENDED APPLICATIONS

TWO TABLESPOONS OF THIS PRODUCT EQUALS ONE OUNCE

BEEF AND DAIRY CATTLE

To control horn flies, lice and aid in the control of face flies

DUST BAG - Place the contents of this package in any commercially available dust bag. Suspend bags in areas frequented by cattle or in gateways or lanes through which the animals pass daily for water, feed or minerals. Do not hang bags directly over feed, minerals or water. Bags may also be suspended in loafing sheds or in front of protected mineral feeders. For lactating dairy cows, bags may be suspended in the exit through which the cows leave the milking barn. In all cases, the bags should be adjusted so that the bottom of the bag will hang 4" - 6" below the top line of the animals treated. As an aid in controlling face flies, bags must be located so that animals will be forced to use them daily and hung at a height to insure that the faces of the animals will be dusted.

To control horn flies and lice

DIRECT APPLICATION - This product may be applied by use of a shaker can or by using a suitable mechanical duster. Apply not more than 2 ounces (4 level tablespoons) of dust per animal by shaker can or suitable mechanical duster over the head, neck, shoulders, back and tailhead. Repeat as necessary. No interval is required between treatment and use of meat or milk as food.

SWINE

To control lice

DIRECT APPLICATION - Apply not more than 1 ounce (2 level tablespoons) per head as a uniform coat to the head, shoulders, and back by use of a shaker can or suitable mechanical duster. Repeat as necessary but not more often than once every 10 days. No interval is required between treatment and use of meat as food.

BEDDING TREATMENT - Apply 2 ounces (4 level tablespoons) uniformly over each 30 sq. ft. of fresh, dry bedding by use of a shaker can or suitable mechanical duster. Repeat as necessary but not more often than once every 10 days.

DIRECT APPLICATION AND BEDDING TREATMENT: In severe infestations both individual animals and bedding may be treated as directed above.

NOTICE OF WARRANTY: Buyer assumes all risk of use, storage, or handling of this product when not in strict accordance with directions given herewith.