



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

~~300/366817~~
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Aug 29 1990

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

Mr. Michael A. Jackson
Platte Chemical Company
419 18th Street
P.O. Box 667
Greeley, CO 80632

Dear Mr. Jackson:

Subject: Coumaphos Registration Standard - 2nd Round Review
Co-Ral Animal Insecticide 1% Bulk Dust
EPA Registration No. 34704-267
Clean Crop Co-Ral Animal Insecticide 1% Shaker Can
EPA Registration No. 34704-268
RL2 Dust Contains Co-Ral
EPA Registration No. 34704-269
You Letters Dated December 26, 1989 and July 23, 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. For all subject products under **Note to Physician** insert the wording **by injection** into the phrase "Atropine sulfate by injection is antidotal."
2. For those products recommending direct application under cattle instructions modify the statement, "repeat as necessary" to read, "Repeat as necessary but not more often than every 14 days."
3. For Clean Crop Co-Ral Animal Insecticide 1% Shaker Can, EPA Registration No. 34704-268, add the following statement under the subheading **Restriction**:

Persons treating animals should avoid repeated direct contact with skin or inhalation with dust.
4. For RL2 Dust Contains Co-Ral, EPA Reg. No. 34704-269 and Co-Ral Animal Insecticide 1% Bulk Dust, EPA Reg. No. 34704-267, add the following statement under the dust bag directions for use:
 - a. Manage the dispenser bag so as not to apply more than 1 oz dust per animal per day.

5. The instruction for "Reducing Face Fly Populations" and "Installation of Dust Bags" for RL2 Dust Contains Co-Ral should also appear under the dust bag instruction for Co-Ral Animal Insecticide 1% Bulk Dust.

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.

The current Confidential Statement of Formulas (CSFs) submitted for the above mentioned products and dated December 13, 1989 are acceptable and have been placed in the record file for each subject product.

Sincerely,



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

Enclosure

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with comments
in EPA Letter Dated:

AUG 29 1960

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide industry and EPA...



34704-268

CO-RAL

ANIMAL INSECTICIDE 1%

SHAKER CAN

FOR CONTROL OF HORN FLIES AND LICE ON BEEF AND DAIRY CATTLE AND LICE ON SWINE.

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%**

USE ONLY AS DIRECTED.

KEEP OUT OF REACH OF CHILDREN
CAUTION

See Below For Additional Precautionary Statements

EPA REG. NO. 34704-268

EPA EST. NO. 34704-NB-1

NET WEIGHT 2 POUNDS

* CO-RAL is a Reg. TM. of the Parent Company of Farben Fabrik Bayer GmbH, Leverkusen.

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EXP 12489

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.

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 a finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

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

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 if irritation persists.

Note To Physician—If symptoms of cholinesterase inhibition are present, 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: Store in cool, dry place.

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 container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

RECOMMENDED APPLICATIONS

Hold container at a distance from the area to be treated that will permit even distribution of the dust.

ANIMAL	INSECTS	REMARKS
Cattle (Dairy & Beef)	Horn Flies Lice	DIRECT APPLICATION: Apply not more than 2 oz. / animal. Dust evenly into the hair 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	Lice	DIRECT APPLICATION: Apply not more than 1 oz. / animal as a uniform coat to the shoulder and back. Repeat as necessary, but not more than once every 10 days. No interval is required between treatment and use of meat as food.
		BEDDING TREATMENT: Apply 2 oz. / uniformly over each 30 square feet of fresh, dry bedding. Repeat as necessary, but not more than once every 10 days.
		DIRECT APPLICATION AND BEDDING TREATMENT: In severe infestations, both individual animals and the bedding may be treated as directed above.

*NOTE: 1 oz. of this material equals approximately three level table-spoonfuls.

RESTRICTIONS

For external insecticidal use on above specified animals only. Avoid contamination of feed, troughs, water, and water utensils. Provide thorough ventilation while dusting.

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 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, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the Seller. The Manufacturer and the Seller offer, and the Buyer uses, this product subject to the understanding that the Buyer assumes all such risks.

WARRANTY AND LIMITATIONS OF DAMAGES

Manufacturer and Seller 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. Manufacturer and Seller make no other express

(continued)

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CO-RAL SHAKER CAN

EPA REG. NO. 34704-268

(continued)

or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Manufacturer or Seller 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.