



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

300-266818
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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
Your 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

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & 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 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.

Note to Physician—Prolonged exposure will result in cholinesterase depression. If symptoms of cholinesterase inhibition are present, atropine sulfate is antidote. 2-PAM is also antidote 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 original container.
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—Empty, clean, dry bag into applicable equipment. Then place empty bag in a sanitary landfill or by incineration, as required by State and local authorities. Do not burn if prohibited by local authorities.

APPLICATIONS

LOUSE AND HORN FLY CONTROL—Suspend dust bags in areas frequented by cattle or in pathways or lanes through which the animals pass daily for water, feed or minerals. Bags may also be suspended in loafing sheds in front of concrete, mineral feeders. For loafing dairy cows, dust bags may be suspended in the exit through which cows leave the milking barn. In all cases, the bags should be adjusted so that the bottom of the bag will hang

four to six inches below the topline of the cattle.
REDUCING FACE FLY POPULATIONS—Suspend dust bags in the same manner as described under "Louse and Horn Fly Control." For best results, bags should be located so the animals will be forced to use them daily, or the bags can be hung in loafing areas for free choice use. When dust bags are used free choice be sure bags are hung in such position that the cattle can easily dust their faces. As face flies are able to travel over an area of several miles, best results in reducing face fly populations are achieved when cattle dusters are used on an area wide basis.

INSTALLATION OF DUST BAGS—Suspend the bags by inserting rope, chain or wire through the grommets at the top of the bag and attaching to an overhead structure or by hooking the grommets into hooks fixed to a stationary overhead 2 x 4 at the heights recommended for horn fly control. 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 25 pounds dust per 25 to 50 animals.

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

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 toward 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 or implied warranty, including any other express or implied warranty of FITNESS or 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 sales, etc.

RESTRICTIONS

For external insecticidal use on above specified animals only. Avoid contamination of feed, troughs, water and water utensils. Provide thorough ventilation while dusting. Persons treating animals should avoid repeated direct contact with skin or inhalation of dust.



RL2 DUST
CONTAINS CO-RAL®

FOR CONTROL OF LICE AND HORN FLIES ON BEEF AND DAIRY CATTLE AND AS AN AID IN REDUCING FACE FLY POPULATIONS

ACTIVE INGREDIENT:

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

INERT INGREDIENTS

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See side panel for additional precautionary statements and directions.

EPA REG. NO. 34704-269

EPA EST. NO.

NET WEIGHT 12½ POUNDS

FORMULATED FOR PLATTE CHEMICAL COMPANY
150 SO. MAIN STREET, FREMONT, NEBRASKA

• CO-RAL is a Reg. TM. of the Parent Company of Farbentfabriken Bayer AG, Germany.

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