

960-184

10/24/2002

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
960-184

Date of Issuance:  
OCT 24 2002

Term of Issuance:  
Unconditional

Name of Pesticide Product:  
CO-RAL 1% Animal  
Insecticide Dust

NOTICE OF PESTICIDE:  
       Registration  
  X   Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Balcom Chemicals, Inc.  
P.O. Box 1286  
Greeley, CO 80632-1286

**Note:** Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section 3(c)(2)(B).

1. Make the labeling changes listed below before you release the product for shipment:

a. Add the phase "EPA Registration No.960-184".

Signature of Approving Official:

Date:

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2. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Enclosures



# CO-RAL® 1%

Brand of Coumaphos  
**ANIMAL INSECTICIDE DUST**

OCT 24 2002

For use in automatic or hand dusting equipment and for refilling dust bags.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**USE ONLY AS DIRECTED**

**FOLLOW SPECIFIC USE INSTRUCTIONS ON  
DUST DISPENSING EQUIPMENT TO BE USED.**

See below for additional cautions

**ACTIVE INGREDIENT:**

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

**INERT INGREDIENTS:** . . . . . 99.0%  
TOTAL 100.0%

EPA REG. NO. 960-184  
EPA EST. NO. 34704-NB-1  
NET WEIGHT \_\_\_\_\_ LBS. ( \_\_\_\_\_ KG)

CO-RAL is a Registered T.M. of the Parent Company of Farben Fabriken Bayer GmbH, Leverkusen.

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### FIRST AID

<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-228-5635, EXT. 136, OR CALL COLLECT, 612-851-8180, EXT. 136. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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

Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye irritation. Avoid breathing dusts. Avoid contact with eyes, skin, and clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Loaders, applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves (such as rubber or water proof), and shoes plus socks. Some materials that are chemical-resistant to this product are rubber or waterproof. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart. Chemical resistant apron, a NIOSH-approved dust/mist respirator, MSHA/NIOSH approval number prefix TC21C or NIOSH approved respirator with any N, R, P, or HE filter.

**APPLICATION RESTRICTIONS:** Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Individuals must limit the number of animals they treat per day with hand held sprayers to no more than 100, if the animals are treated at the maximum label rate, 200 if they are treated at 1/2 maximum label rate: etc.

**USER SAFETY REQUIREMENTS:** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.  
Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.  
Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to mammals, birds, fish and aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Coumaphos washed off of wading treated livestock may be hazardous to aquatic organisms. 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

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.  
**PESTICIDE STORAGE:** Store in safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.  
**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. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

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**BALCOM CO-RAL® 1%  
EPA REG. NO. 960-184**

**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 Buyers assumes all such risks.

**STOP -- READ THE LABEL BEFORE USE**

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

**APPLICATION RESTRICTIONS**

**FOLLOW SPECIFIC USE INSTRUCTIONS ON DUST DISPENSING EQUIPMENT TO BE USED. DO NOT EXCEED DOSAGE RATES RECOMMENDED FOR THIS PRODUCT.**

The use of mechanical dusters is prohibited.

**Entry restrictions:** Do not enter treated areas or allow contact with treated animals until dusts have settled.

Individuals must limit the amount of animals that they can treat per day with a shaker can to no more than 25 and the area of swine bedding that they can treat per day to 1,000 sq. ft.

**APPLICATION INSTRUCTIONS**

For external insecticidal use on animals only. Do not treat areas such as drinking cups, mangers, or troughs where livestock feed. Do not contaminate water, food, feed stuffs, food or feed handling equipment, or milk or meat handling equipment. Do not spray in a confined, non-ventilated area. Provide thorough ventilation while dusting.

ANIMAL	PESTS	REMARKS
CATTLE, Dairy and Beef	Horn Flies and Lice and as an aid in reducing Face Fly populations.	<b>DIRECT APPLICATION:</b> Apply not more than 2 ounces* per animal. Dust evenly into the hair over the head, neck, shoulders, back and tail-head. Repeat as necessary but not more often than once every 14 days. No interval is required between treatment and use of meat or milk as food. For use as an aid in reducing Face Fly populations, faces of cattle must be dusted daily. Best results are achieved when dust applicators are used as directed on an area widebasis.
	As an aid in control of Face Fly populations.	<b>DUST BAG:</b> Hang bag so that bottom is 18-24 inches from the ground. Bags must be located for daily forced-use. For best results, use on an area-wide basis. Do not hang bags over feed, mineral, or water. Manage the dispenser bag so as not to apply more than 1 oz dust per animal per day. <b>INSTALLATION OF DUST BAGS:</b> Suspend the dust 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 fastened to a stationary overhead 2 x 4 at the heights recommended for louse and horn fly or face fly control. Rope, chain or wire can also be tied or attached to two posts or other fixed points with the dust bag hanging in the center. When dust bags are provided on a free-choice basis, allow one 10 pound dust bag per 10 to 20 animals, or one 12.5 pound dust bag per 13 to 25 animals. <b>RESTRICTIONS:</b> Do not hang the dust bag over feed, mineral, or water troughs. For external insecticidal use only on specified animals above. Do not contaminate feed, water troughs, or water utensils. Provide thorough ventilation when dusting. Do not use on sick, stressed, or convalescing animals.
SWINE	Lice	<b>DIRECT APPLICATION:</b> Apply not more than 1 ounce* per animal as a uniform coat to the shoulders and back. Repeat as necessary but not more than once very 10 days. No interval is required between treatment and use of meat as food. <b>BEDDING TREATMENT:</b> Apply 2 ounces* uniformly over each 30 square feet of fresh, dry bedding. Repeat as necessary, but not more than once every 10 days. <b>DIRECT APPLICATION AND BEDDING TREATMENT:</b> In severe infestations, both individual animals and the bedding may be treated as directed above.

**WARRANTY AND LIMITATIONS OF DAMAGES**

BALCOM WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. LIVESTOCK INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF BALCOM. IN NO CASE SHALL BALCOM BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, EXCEPT AS EXPRESSLY PROVIDED HEREIN. BALCOM MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND BALCOM'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

FORMULATED FOR  
**BALCOM CHEMICALS, INC**  
P.O. BOX 1286, GREELEY, COLORADO 80632

\*Note: One ounce of this dust equals approximately 5 level tablespoonsful.