

PM 04

19713-494

1-30-98

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

19713-
494

1/30/98

Term of Issuance:

Conditional

Name of Pesticide Product:

Drexel
Carbaryl 5% Bait

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Drexel Chemical Company
P.O. Box 13327
Memphis, Tennessee 38113-0327

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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes before you release the product for shipment:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 19713-494".

b. Remove the statement "Shake Well Before Using" appearing immediately below the statement "See Statement of Practical Treatment Below".

c. In the heading "Note To Physician" add a y to the word ever in the sentence "Severe cases should be given 2 to 4 mg intravenously ever 10 minutes until fully atropinized, then".

3. Submit two copies of the revised final printed label for the record before you release the product for shipment. A copy of the label stamped "Accepted with Comments" is enclosed.

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

Signature of Approving Official:

George Tompkins
George Tompkins, Ph.D., Entomologist
Insecticide-Rodenticide Branch
Registration Division (7505C)

Date:

JAN 30 1998

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ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 30 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
19713-494



Carbaryl 5% Bait

Insecticide

For Control of Insect Pests

ACTIVE INGREDIENT:

Carbaryl (1-Naphthyl N-methylcarbamate) 5.0%

INERT INGREDIENTS: 95.0%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Statement of Practical Treatment Below
SHAKE WELL BEFORE USING

EPA Reg. No. 19713-494 UOU
EPA Est. No. 19713-GA-1

Net Contents: _____

STATEMENT OF PRACTICAL TREATMENT

Carbaryl is an N-Methyl Carbamate Insecticide.
IF SWALLOWED: Never give anything by mouth to an unconscious or convulsing person. If conscious and not convulsing, drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Get medical attention.
IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.
IF ON SKIN: Wash thoroughly with soap and water.
IF INHALED: Move from contaminated atmosphere and call a physician.
GENERAL
Contact a physician immediately in all cases of suspected poisoning. Transport to a physician or hospital immediately and SHOW A COPY OF THIS LABEL TO THE PHYSICIAN.

ANTIDOTE STATEMENT
ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE. Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended. See NOTE TO PHYSICIAN.

NOTE TO PHYSICIAN
Treat symptomatically. Overexposure to materials other than this product may have occurred.

Carbaryl is an N-methyl carbamate insecticide, which is a cholinesterase inhibitor. Overexposure to this substance may cause toxic signs and symptoms due to stimulation of the cholinergic nervous system. These effects of overexposure are spontaneously and rapidly reversible. Specific treatment consists of parenteral atropine sulfate. Caution should be maintained to prevent overatropinization. Improve tissue oxygenation as much as possible before administering atropine to minimize the risk of ventricular fibrillation. Mild cases may be given 1 to 2 mg intramuscularly every 10 minutes until full atropinization has been achieved and repeated thereafter whenever symptoms reappear. Severe cases should be given 2 to 4 mg intravenously ever 10 minutes until fully atropinized, then intramuscularly every 30 to 60 minutes, if needed, to maintain the effect for at least 12 hours. Dosages for children should be appropriately reduced. Complete recovery from overexposure is to be expected within 24 hours.

Narcotics and other sedatives should not be used. Further, drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended. To aid in confirmation of a diagnosis, urine samples should be obtained within 24 hours of exposure and immediately frozen.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: May be harmful if swallowed. Avoid breathing of dust. Do not take internally. Avoid contact with eyes, skin or clothing. Keep out of reach of children and domestic animals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves and shoes plus socks.

Follow manufacturer's instructions for cleaning and maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing immediately if pesticide gets inside. 3) Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic and estuarine 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. Do not apply when weather conditions favor drift from area treated. Do not contaminate water by cleaning equipment or disposal of wastes.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label before using this product. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

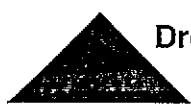
AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouse and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls, waterproof gloves and shoes plus socks.



Manufactured By:
Drexel Chemical Company
P.O. BOX 13327, MEMPHIS, TN 38113-0327

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NON AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

PRE-HARVEST AND GRAZING USE RESTRICTIONS AND LIMITATIONS
Tolerances established under the Federal Food, Drug and Cosmetic Act permit the sale of crops bearing probable CARBARYL 5% BAIT residues when carbaryl is used in accordance with label directions. If CARBARYL 5% BAIT is used in accordance with label directions these crops including bean vines, carrot tops, pea vines, sugar beet tops, corn forage and cotton forage may be grazed or harvested for use as feed for dairy and meat animals without resulting in illegal residues in milk or meat. Do not apply at greater rates or at more frequent intervals that stated on the label. To do so may result in illegal residues in crops, meat and milk.

Do not use reclaimed irrigation water from crops treated with carbaryl on upland crops for which carbaryl tolerances are not established.

Do not plant rotational food and feed crops not listed on this or other carbaryl labels in carbaryl treated soil.

APPLICATION STATEMENT

Calibrate and adjust application equipment to insure proper rate and accurate placement.

INSECT CONTROL

Broadcast applications may be made with either ground equipment or aircraft. Dosages from 20 to 40 pounds per acre of CARBARYL 5% BAIT will control Cutworms, Armyworms, Crickets, Darkling ground beetles, Grasshoppers, Mole crickets and Sowbugs (Pillbugs).

FIELD AND VEGETABLE CROPS		
CROP	POUNDS OF CARBARYL 5% BAIT / ACRE	PRE-HARVEST INTERVAL
Alfalfa	30	7 Days
	SPECIFIC DIRECTIONS: Do not apply more than once per cutting. Do not exceed 30 pounds per cutting.	
Asparagus	20 to 40	1 Day
	SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 3 times prior to harvest or a total of 5 times per crop but not more often than once every 3 days. Do not apply more than a total of 60 pounds per acre before harvest of spears. Do not apply more than a total of 200 pounds per acre per year.	
Beans, Cowpeas, Peas	30	3 Days
	SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 4 times but not more often than once every 7 days. Do not apply more than a total of 120 pounds per acre per crop.	
Broccoli, Brussel Sprouts, Cabbage, Cauliflower, Collards, Kale	20 to 40	3 Days (Broccoli, Brussel Sprouts, Cabbage, Cauliflower)
		14 Days (Collards, Kale)
	SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 4 times but not more often than once every 7 days. Do not apply more than a total of 120 pounds per acre per crop.	
Carrots, Garden Beets (roots), Horseradish, Parsnips, Potatoes, Radishes, Rutabagas, Turnips (roots)	20 to 40	7 Days
	SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 6 times but not more often than once every 7 days. Do not apply more than a total of 120 pounds per acre per crop.	

FIELD AND VEGETABLE CROPS		
CROP	POUNDS OF CARBARYL 5% BAIT / ACRE	PRE-HARVEST INTERVAL
Cotton	30	14 Days (Forage) 28 Days (Seed)
		SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 4 times but not more often than once every 7 days. Do not apply more than a total of 120 pounds per acre per crop.
Cucumbers, Melons, Squash	20	3 Days
		SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 6 times but not more often than once every 7 days. Do not apply more than a total of 120 pounds per acre per crop.
Eggplant, Peppers, Tomatoes	20 to 40	3 Days
		SPECIFIC DIRECTIONS: Repeat as necessary up to a total of 7 times but not more often than once every 7 days. Do not apply more than a total of 160 pounds per acre per crop.
Endive, Garden Beets (tops), Lettuce (head and leaf), Parsley, Spinach, Swiss chard, Turnips (tops)	20 to 40	14 Days (Roots, Forage)
		SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 5 times but not more often than once every 7 days. Do not apply more than a total of 120 pounds per acre per crop.
Field Corn, Popcorn	20 to 40	14 Days (Forage) 48 Days (Grain, Fodder)
		SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 4 times but not more often than once every 14 days. Do not apply more than a total of 160 pounds per acre per crop.
Pastures, Wasteland	20 to 30	14 Days
		SPECIFIC DIRECTIONS: Up to 2 applications per year may be made but not more often than once every 14 days. Lower rate is suggested for early instar Grasshoppers, Crickets and Armyworms on small plants or sparse vegetation. Use higher rate when Grasshoppers and Crickets are mature and Armyworms are in late instars or when vegetation is dense. Do not apply more than a total of 60 pounds per acre per year.
Peanuts	20	14 Days
		SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 5 times but not more often than once every 7 days. Do not apply more than a total of 160 pounds per acre per crop.
Rangeland	20	None
		SPECIFIC DIRECTIONS: Do not make more than 1 application per year. Do not apply more than a total of 20 pounds per acre per year.
Strawberries	20 to 40	7 Days
		SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 5 times but not more often than once every 7 days. Do not apply more than a total of 200 pounds per acre per crop.
Sugar Beets	20 to 40	28 Days (Roots, Forage)
		SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 4 times but not more often than once every 7 days. Do not apply more than a total of 80 pounds per acre per crop.

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FIELD AND VEGETABLE CROPS		
CROP	POUNDS OF CARBARYL 5% BAIT / ACRE	PRE-HARVEST INTERVAL
Sweet Corn	20 to 40	2 Days (Ears) 14 Days (Forage) 48 Days (Fodder)
	SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 8 times but not more often than once every 3 days. Do not apply more than a total of 320 pounds per acre per crop.	
Wheat	10 to 30	7 Days (Forage) 21 Days (Grain)
	SPECIFIC DIRECTIONS: Up to 2 applications can be made but not more often than once every 14 days. Do not apply more than a total of 60 pounds per acre per crop.	

TURFGRASS AND ORNAMENTAL PLANTS		
SITE	INSECT	OUNCES OF CARBARYL 5% BAIT / 1000 SQ. FT.
Turfgrass	Amywoms, Crickets, Cutworms, Darkling ground beetle, Grasshoppers, Mole crickets, Sowbugs	8 to 16
	SPECIFIC DIRECTIONS: Treat entire area to obtain uniform coverage, giving particular attention to building perimeters, edges of sidewalks and along porch and patio foundations. For best results, mow lawn, remove clippings and thoroughly water area to be treated prior to application.	
Ornamental plants	Amywoms, Crickets, Cutworms, Darkling ground beetles, Grasshoppers, Mole crickets, Sowbugs	8 to 16
	Apply uniformly to soil around plants, shrubs and trees. For best results, thoroughly water area to be treated prior to application.	

POULTRY HOUSES		
SITE	INSECT	OUNCES OF CARBARYL 5% BAIT / 1000 SQ. FT.
Poultry Houses (chickens, turkeys, ducks, geese, gamebirds and pigeons)	Darkling beetle (Lesser mealworm or litter beetle)	48
	<p>SPECIFIC DIRECTIONS: Apply bait uniformly to floor or litter area using appropriate equipment such as chest-carried fertilizer/seed spreader. Do not incorporate. It is not necessary to remove birds during application, but uniform coverage may be difficult to achieve with birds present. Do not contaminate feeding or watering units. Optimum treatment timings are: 1) 10 to 14 days after the birds are placed in the house and 2) Two weeks after timing "#1" above. One application at each of the two timings listed above should be made for heavy infestations. If only one application can be made, timing #1 should be followed.</p> <p>For best control of high Darkling beetle populations: In addition to a bait application, walls, cracks, posts, crevices and insulation around ventilation areas should be treated with a sprayable or flowable formulation of CARBARYL 5% BAIT. Spray applications should be made immediately following removal of the flock from the house or immediately prior to introducing the flock into the house. All label directions and restrictions for the application of the liquid CARBARYL 5% BAIT formulation used should be carefully followed. Avoid spraying of nests, eggs and feeding and watering units. Do not treat poultry, game birds or their premises within 7 days of slaughter.</p>	

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal. **STORAGE INSTRUCTIONS:** Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool dry area away from any heat or ignition source. Avoid storage at high temperatures. Do not stack over 2 pallets high. Move containers by handles or cases. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Avoid contamination with acids and alkalis. Store in original containers only. If the contents are leaking or material is spilled, follow these steps:

1. Contain spill, absorb with a material such as sawdust, clay granules, or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with water and soap to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Place a leaking container in a plastic tub and transfer the contents as soon as possible to an empty original container.
6. Do not allow run off to enter sewer or contaminate water supplies.
7. Dispose of wastes as indicated below.

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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

WARRANTY CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. In no case shall Drexel or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.

