



PM 04

19713-494

12/16/99

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

DEC 16 1999

Luz G. Piwonka
Drexel Chemical Company
P.O. Box 13327
Memphis, TN 38113-0327

Subject: Drexel Carbaryl 5 Bait
EPA Registration No. 19713-494
Amendment dated September 23, 1999
Label amendments as per the GDE dated August 6, 1999.

Dear Ms. Piwonka:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you make the labeling change indicated below before you release the product for shipment bearing the amended labeling:

1. Change the PHI for Cucumbers, Melons, and Squash from 30 days to 3 days.

A stamped copy is enclosed for your records. Submit two copies of your final printed labeling before you release the product for shipment.

Sincerely,

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



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 In the State of Tennessee:
 DEC 16 1999
 Under the provisions of the Tennessee
 Fungicide, Insecticide, and Plant
 as amended, this product is
 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%
OTHER INGREDIENTS:	<u>95.0%</u>
TOTAL:	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See FIRST AID Below

EPA Reg. No. 19713-494

EPA Est. No. 19713-GA-1

Net Contents: _____

FIRST AID

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 every 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) 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. 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.

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), restricted entry interval (REI) and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).
 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 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
 SINCE 1972

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 residues from this product when carbaryl is used in accordance with label directions. If this product 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 than 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 this product will control Armyworms, Crickets, Cutworms, Darkling ground beetles, Grasshoppers, Mole crickets and Sowbugs (Pillbugs).

FIELD AND VEGETABLE CROPS		
CROP	POUNDS OF THIS PRODUCT / ACRE	PRE-HARVEST INTERVAL
Asparagus	20 to 40	1 Day
	SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 3 times prior to harvest of spears, but not more often than once every 3 days. Do not apply more than a total of 120 pounds per acre before harvest of spears. Two additional applications may be made to ferns after the harvest of spears, but not more often than 7 day intervals. Do not apply more than a total of 200 pounds per acre per year.	
Beans (kidney, navy, snap), fresh and dried; Cowpeas; Lentils; Peas, fresh and dried	30	3 Days (Succulents) 14 Days (Forage) 21 Days (Dried, Hay)
	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, Brussels sprouts, Cabbage, Cauliflower, Chinese cabbage, Collards, Kale, Kohlrabi	20 to 40	3 Days (Broccoli, Brussels sprouts, Cabbage, Cauliflower, Kohlrabi) 14 Days (Chinese cabbage, 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, Radishes, Rutabagas, Salsify, Turnips (roots)	20 to 40	7 Days
	SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 6 times but not more than once every 7 days. Do not apply more than a total of 120 pounds per acre per crop.	
Cucumbers, Melons, Squash	20	30 Days
	SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 6 times but not more 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.	

FIELD AND VEGETABLE CROPS

CROP	POUNDS OF THIS PRODUCT / ACRE	PRE-HARVEST INTERVAL
Celery, Dandelion, Endive, Garden beets (tops), Hand-over salad, Lettuce (head and leaf), Parsley, Rhubarb, Spinach, Swiss chard, Turnips (tops)	20 to 40	14 to 15 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.	
Corn (field and pop)	20 to 40	14 Days (Forage) 48 Days (Grain, Fodder)
	SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 6 times but no more often than once every 14 days. Do not apply more than a total of 160 pounds per acre per crop.	
Potatoes	20 to 40	7 Days
	SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 6 times but no more than once every 7 days. Do not apply more than a total of 120 pounds per acre per crop.	
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 30	28 Days (Roots, Forage)
	SPECIFIC DIRECTIONS: Repeat applications as necessary up to a total of 3 times but not more often than once every 14 days. Do not apply more than a total of 60 pounds per acre per crop.	
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 or Straw)
	SPECIFIC DIRECTIONS: Repeat 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.	

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STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE: 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 soap and water 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 runoff 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 the Manufacturer 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 the Seller and is accepted as such by the Buyer.