

53883-51

3/25/2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Joe Blake
Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

MAR 25 2002

Dear Mr. Blake:

Subject: Amendment - Comply with 2000 Diazinon MOA;
Delete Celery;
Update First Aid per PR Notice 2001-1; and
Update CSF/replacement diazinon source
Martins 5% Diazinon Granules
EPA Registration Number 53883-51
Your submission dated September 26, 2001

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Slightly revise the front panel limitation so that it reads "FOR OUTDOOR USE ON THE HOME LAWN AND HOME GARDEN ONLY".
 - b. At the end of the front panel "Kills" claims, revise "and others" to read "and others as listed in Directions".
 - c. In the If Swallowed advice of the First Aid section, revise the end of the last item to read "... to an unconscious or convulsing person."
 - d. In the Environmental Hazards text, replace the sentence beginning "For terrestrial uses..." with just "Do not apply directly to water."

- e. Slightly revise the limitation appearing under the heading Directions For Use so that it reads "Reformulation or repackaging of this product is prohibited."
 - f. Delete the duplicate heading "VEGETABLES - Insect Control".
 - g. Under the heading VEGETABLES - INSECT CONTROL, revise the fourth sentence of the introductory paragraph to read "Do not apply in greenhouses."
 - h. For the crop Onions, relocate "organo-" from the Crop column to the Timing/Special Directions column.
 - i. For the crop Sweet Potatoes, delete the foliar pest Flea Beetles which will not be controlled by a pre-plant soil application of granular diazinon.
3. Submit three (3) copies of your final printed labeling before you release the product for shipment.
 4. Comply with all applicable provisions of the 2000 Memorandum of Agreement Regarding Pesticide Products Containing Diazinon (i.e., the Diazinon MOA). In accordance with the Diazinon MOA you have requested the following revisions to the conditions of registration for this diazinon product with outdoor non-agricultural (i.e., home and garden) uses:
 - a. You have requested under section 6(f) of FIFRA that this registration be voluntarily canceled on a date not later than December 31, 2004.
 - b. You may not manufacture, label, or release for shipment this product after June 30, 2003.
 - c. You may not sell or distribute this product after August 31, 2003.
 - d. The registration for this product shall expire and be canceled on December 31, 2004.
 - e. You will send to every person who directly purchases this product (i.e., to every seller) a notification of Product Recovery Program to be conducted by Syngenta and Makhteshim after December 31, 2004.

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.

The Basic Confidential Statement of Formula (CSF) dated September 25, 2001 which identifies a replacement diazinon source Manufacturing Use Product is acceptable and has been added to this product's registration file.

Sincerely,

George T. LaRocca
Product Manager 13
Insecticide Branch
Registration Division (7505C)

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Martin's

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES OR SOD FARMS.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

5% Diazinon Granules

MAR 25 2002

Lawn & Garden Insect Control

FOR OUTDOOR USE ON THE HOME LAWN AND IN THE HOME GARDEN ONLY.

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

Ready to use granules. Contains 5% Diazinon insecticide. Treats up to 5000 square feet

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Kills

Ants, Armyworms, Bermudagrass mites, Billbugs, Brown dog ticks, Chiggers, Chinch bugs, Crickets, Cutworms, Earwigs, Fire ants, Fleas, Onion maggots, Root maggots, Sod webworms, White grubs of: European chafer, Japanese beetle, Southern chafer, Wireworms...and others.

Aids in control

See Directions for Use

In Lawns 5% Diazinon Granules Kills:

Ants, Armyworms, Bermudagrass mites, Billbugs, Brown dog ticks, Chiggers, Chinch Bugs, Clover mites, Crickets, Cutworms, Digger wasps, Earwigs, Fire Ants, Fleas, Lawn moths, Leafhoppers, Millipedes, Sod webworms, Sowbugs (Pillbugs), Springtails, White grubs of: European chafer, Japanese beetle, Southern chafer

Aids in control

In Gardens 5% Diazinon Granules Kills:

Cutworms, Mole crickets, Onion Maggots, Root Maggots, Wireworms

ACTIVE INGREDIENT

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate.....

5.0%

INERT INGREDIENTS:.....

35.0%

TOTAL:.....

100.0%

CAUTION

KEEP OUT OF REACH OF CHILDREN

See additional precautionary statements on back of bag.

EPA Reg. No. 53883-51

EPA Est. No. 53883-TX-002

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION – Harmful if swallowed or absorbed through skin. Causes moderate eye injury. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Do not store near food or feed products. Food utensils such as tablespoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fishponds. Do not allow children or pets on treated areas until granules have been watered in and grass has dried.

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
NOTE TO PHYSICIAN:	This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

ENVIRONMENTAL HAZARDS: This pesticide is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds. Avoid overlapping granules. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

For lawns, follow all watering instructions in the Directions for Use, however stop watering before puddling occurs. For lawns do not apply this product to sites occupied by waterfowl, or within 75 ft. of any body of water that may attract waterfowl, such as ponds or lakes.

Keep out of lakes, streams, ponds, tidal marshes, and estuaries. 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. Runoff may be hazardous to fish and other aquatic organisms in neighboring areas.

Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of sale and Warranty before using this product. If the terms are not acceptable, return the unopened product container at once.

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CONDITIONS OF SALE AND WARRANTY

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop 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 Control Solutions, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above. **Control Solutions, Inc. makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Control Solutions, Inc. or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.** Control Solutions, Inc. and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of Control Solutions, Inc.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Reformulating or repackaging this product is prohibited.

OVERALL LAWN APPLICATION

Special Precautions to Reduce Risk To Birds
<p>Birds, especially waterfowl (ducks and geese), feeding or drinking on treated areas may be killed. To reduce risks to birds;</p> <ol style="list-style-type: none"> 1. Do not treat areas larger than 15,000 sq. ft. 2. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20. 3. Do not exceed the maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds, especially waterfowl. 4. Avoid overlapping treated areas. 5. Follow all watering instructions included within the directions for use, however, stop watering before puddling occurs. 6. Do not apply this product to sites occupied by waterfowl or to sites within 75 ft. of any body of water that may attract waterfowl, such as lakes or ponds. 7. If it is necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than four applications per year.

Martin's 5% Diazinon Granules controls certain insects on both grass and dichondra lawns. Apply Martin's 5% Diazinon Granules with a fertilizer spreader. Refer to the tables that follow for use rates and spreader settings.

Pest	Rate	Timing/Special Directions
Ants, Armyworms, Bermudagrass mites, Brown dog ticks, Chiggers, Chinch bugs, Clover mites, Crickets, Cutworms, Earwigs, Fleas, Lawn moths (sod webworms), Leafhoppers, Millipedes, Sowbugs (Pillbugs), Springtails (Collembola)	2 lbs. per 1000 sq. ft.	Apply when grass is dry. Water lawn lightly after application. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year.

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Billbugs, white grubs of Japanese beetle, European chafer, Southern chafer, <i>Ataenius spretulus</i> (dung beetle)	2 lbs. per 1000 sq. ft.	Water grass with at least ¼ inch of water after application, however, stop watering before puddling occurs. For billbug control, apply when activity is first observed or when chewed or brown grass indicates damage. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year. For grub control, except dung beetle, treat anytime between late July and early October. For dung beetle grub control, apply in Spring or early Summer when damage is first noticed. Water grass with at least ¼ inch of water after application, however, stop watering before puddling occurs. Treat again in late Summer or early Fall if a second generation occurs.
Hyperodes weevils	2 lbs. per 1000 sq. ft.	Water grass with at least ¼ inch of water after application, however, stop watering before puddling occurs. Treat problem areas in mid-April and again in mid-May.

- * 1,000 sq. ft. = an area 20 ft. x 50 ft.
- 100 sq. ft. = an area 10 ft. x 10 ft.
- 2 lbs. per 1,000 sq. ft. = 3.2 oz. per 100 sq. ft.

Note: The spreader settings listed below are approximate. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust the spreader setting, if necessary, in order to assure correct rate of application.

LAWN SPREADER SETTING NO. To deliver 5 lbs. per 1,000 sq. ft.	
Spreader Make and Model	For Insects Listed Grass and Dichondra Lawns
Central Imperial Mark No. 1662-G	6-1/2

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Central Suburbia Lawn Spreader No. 1622-0	6-1/2
Cyclone Model B-1 Rotary	4-1/2
Greenfield Model 105	6-1/2
J.C. Penney Model 6005	7-1/4
J.C. Penney Rotary Spreader	5
Scott's Precision Flow Spreader PF-1	4
Sears Craftsman Model 671.19198	6

*For application with other types of equipment, apply at the rate of 2 lbs. per 1,000 sq. ft.

LAWN SPOT TREATMENT:

Ants: Apply 1-1/2 teaspoons Martin's 5% Diazinon Granules over and around each individual ant hill.

Fire Ants: To aid in the control of Fire Ants in lawns and other outdoor home recreation areas, apply 1/2 cup over, and 2 ft. around, each fire ant mound. Immediately after application, water in thoroughly. Apply water gently to avoid disturbing ants. Use of high-pressure watering equipment may disturb the ants and cause migration reducing product effectiveness. A minimum of 1 gallon of water should be applied to each mound area. Reapply as necessary.

NOTE: For best results apply in cool weather, 65° - 80° F., or in early morning or late evening hours. Treat new mounds as they appear.

Digger Wasps: Apply 1-1/2 teaspoons Martin's 5% Diazinon Granules in and around each nest opening. Apply at dusk when wasps are not active.

Band Treatment Around House Foundation

The following pests are commonly found around or near house foundations and may enter the house:

- | | | |
|-----------------|----------|--------------------------|
| Ants | Crickets | Millipedes |
| Brown Dog Ticks | Earwigs | Sowbugs |
| Clover Mites | Fleas | Springtails (Collembola) |

Apply a 2 ft. band of Martin's 5% Diazinon Granules next to the house foundation. Distribute granules uniformly, using a rate of 3.2 oz. per 100 sq. ft. of area (2' x 50 ft.) treated. If necessary, repeat application at 3 week intervals.

VEGETABLES – INSECT CONTROL

VEGETABLES - Insect Control

Special Precautions to Reduce Risk to Birds

Birds feeding on treated areas may be killed. To reduce risk to birds:

1. Thoroughly mix Martin's 5% Diazinon Granules into the soil during or immediately after application. Refer to the Soil Incorporation table that follows.
2. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

Martin's 5% Diazinon Granules controls certain garden insects on crops listed in the following tables. Apply uniformly as directed for each crop. When a range of rates is given, use the higher rate only for heavier infestations. Do not apply this product to food crops grown in greenhouses. Applications for control of pests listed below should be thoroughly mixed into the soil during or immediately after application.

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SOIL INCORPORATION

Insect	Depth of Mixing or Incorporation into Soil
Surface cutworms *	2 - 3 inches
Subterranean cutworms *	3 - 6 inches
Mole crickets	1 - 2 inches
Root maggots	3 - 4 inches
Wireworms	4 - 8 inches

* If type of cutworm cannot be identified, mix into soil 4-6 inches deep.

Crop	Pest	Rate	Timing/Special Directions
Beans (Lima, Pole and Snap) succulent only)	Cutworms	7 - 14 oz. per 500 sq ft	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq ft.	
NOTE: Do not use on dried bean varieties, such as pintos, dried limas, navy beans, etc.			
Beets, Red (table)	Cutworms	7-14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting
	Wireworms	10-1/2-14 oz. per 500 sq. ft.	
	Mole Crickets	3-1/2 oz. per 500 sq.ft.	Broadcast and mix into soil 1-2 days before planting
Broccoli	Root Maggots	7-10-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7 - 14 oz. per 500 sq. ft.	
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Mole Crickets	3-1/2 oz. per 500 sq. ft.	
Brussels Sprouts	Root Maggots	7 - 10-1/2 oz. per 500 sq.ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7 - 14 oz. per 500 sq. ft.	
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Mole Crickets	3-1/2 oz. per 500 sq. ft.	
Cabbage	Root Maggots	7 - 10-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting
	Cutworms	7 - 14 oz. per 500 sq. ft.	
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Mole Crickets	3-1/2 oz. per 500 sq. ft.	
Carrots	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
	Mole Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Cauliflower	Root Maggots	7 - 10-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	7 - 14 oz. per 500 sq. ft.	
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.

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	Mole Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Collards	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
	Mole Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Cucumbers	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
Endive (Escarole)	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
	Mole Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Kale	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
	Mole Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Lettuce	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
	Mole Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Melons (Cantaloupes, Casabas, Crenshaws Honeydew, Muskmelons, Persians & hybrids of these) & Watermelons	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
Mustard	Mole Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Onions (Bulb and Green) organo-	Onion Maggots	7 - 14 oz. per 500 sq. ft.	Broadcast just before planting and mix into the top 3-4 inches of soil. NOTE: Diazinon may not control phosphate-resistant onion maggots.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
Parsley	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
Peas (succulent only)	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
Peppers	NOTE: Do not use on dried pea varieties such as dried blackeyed peas.		
	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
	Mole Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Potatoes	Cutworms (Surface and Subteranean)	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.

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	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
Radishes	Mole Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Cutworms	7 - 14 oz. per 500 sq. ft.	
Spinach	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
Squash (Summer & Winter)	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
Sweet Corn	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
	Seed Corn Maggots	7 - 14 oz. per 500 sq. ft.	
Sweet Potatoes	Wireworms, Flea Beetles	10-1/2 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil 2 inches just before planting.
Swiss Chard	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
Tomatoes	Cutworms	7 - 14 oz. per 500 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	
	Mole Crickets	3-1/2 oz. per 500 sq. ft.	
Turnips	Mole Crickets	3-1/2 oz. per 500 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Wireworms	10-1/2 - 14 oz. per 500 sq. ft.	

STORAGE AND DISPOSAL

Storage: Store in original container in a cool, dry, well-ventilated area. Store product in an area inaccessible to children and domestic animals. Do not store near fertilizers, herbicides, other insecticides, seeds, food, or feed.

Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Container Disposal: Do not reuse empty bag. Discard bag in trash.

For minor spills, leaks, etc. follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire or other emergency, call 1-800-888-8372 day or night.

Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041