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Explanation: Use addition	nal page(s) if necessary. (For	section I and Sec	tion II.)		
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I certify that the state I acknowledge that ar both under applicable	· ·			1	( <b>( (</b>
2. Signature Born	ath		tory Assistant	All Section 1995	K. C. C. C. S.
4. Typed Name  Nancy Bockrath		5. Date Kay 5	, 1998		
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Due to Toxicity to Fish and Aquatic Organisms

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

#### ZENECA Ag Products



NOTIFICATION MAY - 8 1998

# REACH OF CHILDREN DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find some-one to explain it to you in detail.)

#### **ACTIVE INGREDIENT:**

KARATE contains 1 pound of active ingredient per gallon and is an emulsifiable concentrate. EPA Reg. No. 10182-96

#### STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF SWALLOWED: Do not induce vomiting. Call a physician immediately.

IF INHALED: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: Induced vomiting as first aid for this substance may result in increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent. Vomiting should be induced only under professional supervision.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633). FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

See back panel for additional Precautionary Statements. See inside booklet for complete Directions for Use.

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### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ZENECA or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ZENECA and Selier harmless for any claims relating to such factors.

ZENECA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ZENECA, and Buyer and User assume the risk of any such use. ZENECA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall ZENECA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENECA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENECA OR SELLER, THE REPLACEMENT OF THE PRODUCT.

ZENECA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ZENECA.

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#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

CORROSIVE. CAUSES SKIN DAMAGE. MAY BE FATAL IF SWALLOWED OR INHALED. CAUSES EYE INJURY. HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE ALLERGIC SKIN REACTIONS. DO NOT get on skin, in eyes, or on clothing. DO NOT breathe spray mist.

Skin exposure may also result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

#### Personal Protective Equipment

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistant category selection chart.

Applicators and other handlers must wear:

- · Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or viton ≥ 14 mils Chemical-resistant footwear plus socks
- Protective eyewear
- · Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading
- For exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)
- For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

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:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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 extremely toxic to fish and aquatic organisms and toxic to wildlife. 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 treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

#### PHYSICAL AND CHEMICAL HAZARDS

Combustible liquid. Do not use or store near heat or open flame.

#### DIRECTIONS FOR USE

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

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. For any requirements specific to your State or Tribe, consult the agency responsible for pestoide regulation.

This labeling must be in the possession of the user at the time of application.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accomtance 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, and greenhouses, 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 enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to meated 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 over long-sleeved shirt and long pants
- •Chemical-resistant cloves, such as barrier laminate or viton ≥ 14 mils
  •Chemical-resistant footwear drus spoks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure.

#### STORAGE AND DISPOSAL

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

STORAGE: Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

#### 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.

#### FOR BULK, MINI-BULK, EZ HANDLER® AND BOOMERANG CONTAINER DISPOSAL

Return container to ZENECA, Inc. for reuse with seal intact and in salable condition.

#### **CONTAINER PRECAUTIONS**

Before refilling RETURNABLE CONTAINERS, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure devices.

**REFILL ONLY WITH KARATE® Insecticide.** The contents of RETURNABLE CONTAINERS cannot be completely removed by cleaning. Refilling with materials other than KARATE Insecticide will result in contamination and may weaken container.

After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking container.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

#### **GENERAL DIRECTIONS FOR USE**

Initial and residual control are contingent upon thorough crop coverage. Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. Apply in a minimum of 2 gallons per acre by ground unless otherwise specified in this label. When foliage is dense or pest pressure is high (heavier insect or egg pressure, larger larval stages), use of higher application volumes and/or higher use rates may improve initial and residual control.

For cutworm control, KARATE may be applied before, during or after planting. For soil incorporated applications, use higher rates for improved control.

Resistance: Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

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KARATE may be applied in the following states or portions of states: Alabama, Arizona, Arkansas, Horida (Counties of Baker, Bay, Calhoun, Columbia, Duval, Escambia, Franklin, Gadsden, Gulf, Hamilton, Holmes, Jackson, Jefferson, Liberty, Leon, Madison, Nassau, Okaloosa, Santa Rosa, Suwannee, Wakulla, Walton and Washington), Georgia, Louisiana, Mississippi, Missouri (Counties of Butler, Dunklin, Mississippi, New Madrid, Pemiscot, Scott and Stoddard), New Mexico, North Carolina, Oklahoma, South Carolina, Tennessee (all counties except Stewart, Robertson, Montgomery, Chestam and Sumner), Texas and Virginia.

#### **SPEAY DELIFT PRECAUTIONS**

**OBSERVE THE FOLLOWING PRECAUTIONS** WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS **SUCH** AS LAKES; **RESERVOIRS**; RIVERS; PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND **COM**MERCIAL **FISH FARM PONDS**.

- Drinot apply by ground within 25 feet, or by air within 150 feet of lakes; reservoirs; rivers; permanent streams, marshes, pot noise, or natural ponds; estuaries and commercial fish farm ponds. Increase the buffer zone to 450 feet when ultralow yourne (ULV) application is made.
- All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.
- For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices.
   The minimum practical boom length should be used and must not exceed 75% of wing span or rotor diameter.
- use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by actroprize nozzle selection, by orienting nozzles away from the air stream as much as possible, and by avoiding excessive scray boom pressure.
- Scray should be released at the lowest height consistent with pest control and flight safety. Applications more than 10 feet acove the crop canopy should be avoided.
- Make aerial or ground applications when the wind velocity favors on-target product deposition (approximately 3 to 10 mph).
   District apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.
- F.sx of exposure to aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.
- En not cultivate within 10 feet of the aquatic area so as to allow growth of a vegetative filter strip.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of reseased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.
- Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

in the state of New York, a 25 foot vegetated, non-cropped buffer strip untraversed by drainage tiles must be maintained between a treated field and a coastal salt marsh or stream that drains into a coastal salt marsh, for both aerial or ground accidence. For aerial applications, the 25 foot vegetated non-cropped buffer strip for runoff protection would be part of the arger 150 foot buffer strip (or 450 foot buffer strip for ULV application) required for spray drift.

#### CHEWIGATION

SPRINKLER IRRIGATION APPLICATION: Apply KARATE Insecticide at rates and timing described elsewhere in this label. According with center pivot or continuous-move equipment distributing 1/2 acre-inch or less during treatment. In general, use the least amount of water required for proper distribution and coverage. If stationary systems (solid sets, handlines or wheel lines other than continuous-move) are used, KARATE Insecticide should be injected into no more than the last 20-30 minutes of the set. Do not apply when winds are greater than 10-15 mph to avoid drift or wind skips. Thorough coverage of finiage is required for good control. Good agitation should be maintained during the entire application period.

#### **USE PRECAUTIONS - SPRENKLER IRRIGATION APPLICATION**

- A. Apply this product only through (sprinkler including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move) irrigation system(s). Do not apply this product through any other type of irrigation system.
- B. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.
- C. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- D. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- E. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- F. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- 6. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- H. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when
  the water pump motor stops.
- J. The imgation line or water pump must include a functional pressure switch which will stop the water pump motor when the water cressure decreases to the point where pesticide distribution is adversely affected.
- K. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- L. Do not apply when wind speed favors drift beyond the area intended for treatment.
- M. Do not apply through chemigation systems connected to public water systems.

Apply KARATE Insecticide as shown in the following charts:

	SPRAY RECOMMENDATIONS						
Cron	Target Posts	Re	ite	B			
Crop	Target Pests	lb ai/A	fl oz/A	- Remarks			
Broccoli	Alfalfa Looper Cabbage Looper Imported Cabbageworm Southern Cabbageworm	0.015-0.025	1.92-3.20	<ul> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> </ul>			
	Cutworm Spp. Cabbage Webworm Diamondback Moth	0.02-0.03	2.56-3.84	<ul> <li>Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> </ul>			
1	Armyworm	0.02 0.00	2.50 0.04	Do not apply within 1 day of harvest.			
!	Beet Armyworm <sup>13</sup> Fall Armyworm <sup>1</sup> Yellow-striped Armyworm		h.	• Do not apply more than 0.24 lb ai (1.92 pints) per acre per season.			
	Corn Earworm Flea Beetle Spp. Japanese Beetle (Adult) Vegetable Weevil (Adult) Grasshopper Spp. Leafhopper Spp. including Lygus Spp. including Lygus Spp. Stink Bug Spp. Meadow Spittlebug Aphid Spp. 23 Whitefly Spp. 23 Thrips Spp. 2 Spider Mite Spp. 2			For control of first and second instar only.  Suppression only.  See resistance statement under General Directions for Use.			

		SPRAY R	ECOMMEN	DATIONS
Cron	Togget Boots	Re	de .	Remarks
Crop	Target Pests	B ai/A	fl oz/A	nemarks
Cabbage	Alfalfa Looper Cabbage Looper Imported Cabbageworm Southern Cabbageworm	0.015-0.025	1.92-3.20	<ul> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> </ul>
	Cutworm Spp. Cabbage Webworm Diamondback Moth <sup>3</sup>	0.02-0.03	2.56-3.84	• Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.
	Armyworm			Do not apply within 1 day of harvest.
	Beet Armyworm <sup>1,3</sup> Fall Armyworm <sup>1</sup> Yelliow-striped Armyworm			• Do not apply more than 0.24 lb ai (1.92 pints) per acre per season.
	Com Earworm Flea Beetle Spp. Japanese Beetle (Adult) Vegetable Weevil (Adult) Grasshopper Spp. Leafhopper Spp. Plant Bug Spp. including Lygus Spp. Smak Bug Spp. Meadow Spittlebug Aprid Spp. <sup>23</sup> Whitefly Spp. <sup>23</sup> Thips Spp. <sup>2</sup> Scider Mite Spp. <sup>2</sup>			For control of first and second instar only. Suppression only. See resistance statement under General Directions for Use.

		SPRAY R	ECOMMENI	DATIONS	
Crop	Crop Tayant Poets Rate		Remarks		
CLOH	Target Pests	lb ai/A	fl oz/A	nemarks .	
Com Field Com Popcorn Seed Com	Cutworm Spp. Western Bean Cutworm¹ Com Earworm¹ Green Cloverworm Meadow Spittlebug	0.015-0.025	1.92-3.20	<ul> <li>Apply as required by scouting, or locally prescribed corn growth stages, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds or other locally recommended methods.</li> </ul>	
	Tobacco Budworm <sup>14</sup> European Corn Borer <sup>1</sup> Southwestern Corn Borer <sup>1</sup> Stalk Borer <sup>1</sup>	0.02-0.03	2.56-3.84	<ul> <li>Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of target location. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> </ul>	
	Hop Vine Borer' Armyworm? Fall Armyworm? Yellow-striped Armyworm? Webworm Spp. Flea Beetle Spp.			•For chinch bug control, begin applications when bugs migrate from small grains or grass weeds to small corn. Direct spray to the base of corn plants. Repeat applications at 3- to 5-day intervals if needed. KARATE may only suppress heavy infestations and/or subsequent migrations.	
	Western Corn Rootworm Beetle (Adult) Northern Corn Rootworm Beetle (Adult) Southern Corn Rootworm			•For control of adult corn rootworm beetles ( <i>Diabrotica</i> species) as part of an aerial applied corn rootworm control program use a minimum of 3.84 fl oz/A (0.03 lb ai/A).	
	Beetle (Adult) Mexican Corn Rootworm Beetle (Adult) Bean Leaf Beetle Cereal Leaf Beetle Japanese Beetle (Adult) Sap Beetle (Adult)				•Do not apply within 21 days of harvest. Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply more than 0.06 lb ai (0.48 pints) after silk initiation. Do not apply more than 0.03 lb ai (0.24 pints) after corn has reached the milk stage (yellow kernels with milky fluid).
	Stink Bug Spp. Grasshopper Spp. Corn Leaf Aphid <sup>3</sup> Bird Cherry-Oat Aphid <sup>3</sup> English Grain Aphid <sup>3</sup>			'For control before the larva bores into the plant stalk or ear. 'For control of first and second instar only. 'Suppression only. 'See resistance statement under General Directions for Use.	
	Beet Armyworm <sup>2,4</sup> Chinch Bug Green Bug <sup>2,4</sup>	0.03	3.84		

		SPRAY R	ECOMMENI	DATIONS
Crop	Target Pests	Ra	ite	Remarks
	igider Legra	lb ai/A	fl oz/A	NCERT RS
Sweet Corn	Com Earworm Fall Armyworm Southern Armyworm Beet Armyworm Yellow-Striped Armyworm Cutworm Spp. Western Bean Cutworm Webworm Spp. European Corn Borer Southwestern Corn Borer Common Cornstalk Borer Western Corn Rootworm Beetle (Adult) Northern Corn Rootworm Beetle (Adult) Southern Corn Rootworm Beetle (Adult) Japanese Beetle (Adult) Japanese Beetle (Adult) Sap Beetle (Adult) Flea Beetle Spp. Tamished Plant Bug Stink Bug Spp. Chinch Bug Aster Leafhopper Grasshopper Spp. Aphid Spp. <sup>23</sup> Spider Mite Spp. <sup>2</sup>	0.02-0.03	2.56-3.84	• Apply as required by scauting, or locally prescribed corn growth stages, usually at internals of 4 or more days. Timing and frequency of applications should be based upon insect populations reaching totally determined economic thresholds or other totally recommended methods and should be targeted for control before insects enter the stalk or ear.  • Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage and ears (if present). When applying by air apply in a minimum of 2 gallons of water per acre.  • For control of adult corn motivorm beetles (Diabritical species) as part of an aerial applied corn rootworm control program use a minimum of 32 floz/A (C.125 lb ai/A).  • Do not apply within 1 day of harvest  • Do not apply more than 0.43 lb ai (3.54 cints) per acre per season.  • For control of first and second instances.  • Suppression only.  • Suppression only.
	Corn Silkfly (Adult) <sup>2</sup>	0.03	3.84	

		SPRAY F	RECOMMEN	DATIONS
Crop	Toward Plants Rate		Remarks	
Стор	Target Pests	lb ai/A	fl oz/A	nemarks
Cotton	Cutworm Spp. Tobacco Thrips Soybean Thrips	<b>QB15-Q</b> 02	<sub>7</sub> 1.92-2.56	<ul> <li>Apply as required by scouting, usually at intervals of 5 to 7 days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> </ul>
	Lygus Bug Spp. <sup>3</sup> Pink Bollworm	<b>0.02-0</b> .03	2.56-3.84	<ul> <li>Apply with ground or air equipment using sufficien water to obtain full coverage of foliage.</li> </ul>
	Cabbage Looper Cotton Leafperfurator Saltmarsh Caterpillar Cotton Leafworm Cotton Fleahoccer			<ul> <li>Applications may also be made with equipment adapted and calibrated for ULV sprays. KARATE may be mixed with once-refined vegetable oil and applied in a minimum of at least one quart of finished spray per acre</li> </ul>
Cotton Boilly Tobacco Bu Boll Weevil Fall Armywo Beet Armyw European Co Brown Stink	Cetton Bollworm Tobacco Budwarm	0.025-0.04	3.20-5.12	<ul> <li>Under light bollworm/budworm infestation levels, 0.02 ll ai/A may be applied in conjunction with intense field monitoring.</li> </ul>
			}	•For boll weevil control spray on a 3 to 5 day schedule.
	Fall Armyworm Beet Armyworm European Com Borer Brown Stink Bug Green Stink Bug			•When applied according to label directions for contro of cotton bollworm and tobacco budworm, KARATI Insecticide also provides ovicidal control of unhatched Heliothis spp. eggs.
	Southern Green Stink Bug			• Do not apply within 21 days of harvest.
	Twospotted Spder Mite <sup>2</sup>	1		• Do not graze livestock in treated areas.
	Cotton Aphid <sup>22</sup> Bandedwing Whitefly <sup>23</sup>			•Do not apply more than 1.6 pints (0.2 lb ai) per acre pe season.
	Sweetpotato Whitefly <sup>23</sup>			•Do not make more than a total of 10 synthetic pyrethroid applications (of one product or combination of products to a cotton crop in one growing season. Synthetic pyrethroid products include AMBUSH® Insecticide Ammo® insecticide, Asana® XL insecticide, Baythroid emulsifiable pyrethroid insecticide, Capture insecticide/miticide, Danitol® 2.4 EC Spray insecticide miticide, Decis® insecticide, Fury™ insecticide, KARATI Insecticide, Mustang® insecticide, Pounce®, Scou X-TRA® insecticide, SynerGin™ 2 insecticide, and WARRIOR® Insecticide.
				For control of first and second instar only.  Suppression only.  See resistance statement under General Directions for Use.

	SPRAY RECOMMENDATIONS					
Crop	Tornet Book	Rate		Remarks		
Стор	Target Pests	lb ai/A	fl oz/A	negiaras		
Lettuce (Head)	Alfalfa Looper Cabbage Looper Imported Cabbagewams Cutworm Spp.	0.015-0.025	1.92-3.20	<ul> <li>Apply as required by scouting, usually at intervals of 5 or more days. Traing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> </ul>		
	Saltmarsh Caterpillar Green Cloverworm	0.02-0.03	2.56-3.84	<ul> <li>Apply with ground or air equipment using sufficient water to obtain full converage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> </ul>		
	Armyworm	0.02-0.03	Z.30-3.04	• Do not apply within 1 day of harvest.		
	Beet Armyworm <sup>13</sup> Fall Armyworm' Southern Armyworm Corn Earworm Tobacco Budworm <sup>1</sup> European Corn Borer Flea Beetle Spp. Japanese Beetle (Acutt) Vegetable Weevil (Acutt) Grasshopper Spp. Leafhopper Spp. Plant Bugs Spp. Including			*Do not apply more than 0.3 lb ai (2.4 pints) per acre per season.  "For control of first and second instar only.  "Suppression only. "See resistance statement under General Directions for Use.		
	Lygus Spp. <sup>3</sup> Stink Bug Spp. Meadow Spittlebug Aphid Spp. <sup>23</sup> Whitefly Spp. <sup>23</sup> Spider Mite Spp. <sup>2</sup>					

	·	SPRAY P	ECOMMEN	DATIONS
Crop	Target Pests	Rate		Remarks
	larget rests	lb ai/A	fl oz/A	nemarks
Onion (Bulb) and Garlic	Cutworm Spp. Seedcorn Maggot (Adult) Onion Maggot (Adult) Leafminer Spp. (Adult)	0.015-0.025	1.92-3.20	Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.      Use the higher label rates as thrips population increases.
	Armyworm Spp.¹ Onion Thrips Tobacco Thrips Western Flower Thrips²³ Flower Thrips² Aphid Spp.² Plant Bug Spp. Stink Bug Spp.	0.02-0.03	2.56-3.84	and avoid rescue situations.  Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.  For thrips control by aerial application, the addition of 1% COC v/v, 1/4% NIS v/v or a silicone adjuvant (follow manufacturer's use directions) may enhance the deposition of the spray and increase plant coverage.  Do not apply within 14 days of harvest. Do not apply more than 0.24 lb ai (1.92 pints) per acre per season.  For control of first and second instar only.  Suppression only.
Peanut	Cutworm Spp. Green Cloverworm Velvetbean Caterpillar Red-necked Peanut Worm Potato Leafhopper	0.015-0.025	1.92-3.20	<ul> <li>Apply as required by scouting, usually at intervals of 7 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Apply with ground or air equipment using sufficient</li> </ul>
	Corn Earworm Fall Armyworm' Bean Leaf Beetle Southern Corn Rootworm (Adult) Vegetable Weevil Whitefringed Beetle (Adult) Stink Bug Spp. Tobacco Thrips Grasshopper Spp.	0.02-0.03	2.56-3.84	water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.  •Do not apply within 14 days of harvest. Do not apply more than 0.12 lb ai (0.96 pints) per acre per season.  •Do not graze livestock in treated areas. Do not use treated vines or hay for animal feed.  ¹For control of first and second instar only.  ²Suppression only.  ³See resistance statement under General Directions for Use.
	Beet Armyworm <sup>13</sup> Soybean Looper <sup>23</sup> Lesser Cornstalk Borer <sup>2</sup> . Spider Mite Spp. <sup>2</sup> Aphid Spp. <sup>2</sup>	0.03	3.84	

_		SPRAY R	<b>ECOMMEN</b>	DATIONS
Cron	Target Pages	Ra	ite	PI
Crop	larger rests	lb ai/A	fl oz/A	Hemarks
Rice	True Armyworm Fall Armyworm Yellow-striped Armyworm Rice Water Weevil (adult) Rice Stink Bug Chinch Bug Grasshopper Spp. Leafhopper Spp. Oat Birdcherry Aphid Green Bug			*Apply as required by scouting. Timing and firestrary of application should be based upon local economic thresholds. Determine the need for repeat applications usually at intervals of 5-7 days, by scouting.  *KARATE can be safely used when properil products are being used for weed control.  *Apply by air or by ground equipment using safficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 5 gallions of water per acre.  *For control of rice water weevil in dry seeded rice, make a foliar application as indicated by scouting for the presence of adults and/or feeding scars, usually within a time-frame of 0-5 days after permanent flood until insecticide application unless scouting indicates weevils have not been previously present. Adults may also be treated at later stages of rice oevelopment to reduce overwintering purpositions.  *For control of rice water weevil in water seeded rice, make the first foliar application after pinpoint fixed as indicated by scouting for the presence of adults and/or feeding scars usually when rice has amerged 05 inch above the waterline. Under conditions of promoted migration into the field, start field scouting for not water weevil adults and/or feeding scars 3-5 days after the initial treatment and, if needed, apply a second application within 7-10 days of the first application.
				make the first foliar application after proportion indicated by scouting for the presence of adults feeding scars usually when rice has emerged to above the waterline. Under conditions of promigration into the field, start field scouting for new weevill adults and/or feeding scars 3-5 days of initial treatment and, if needed, apply a second

	++	SPRAY R	ECOMMENI	DATIONS
Crop	Tarrest Doots	Rate		Remarks
erop	Target Pests	lb ai/A	fl oz/A	neillai ks
Rice (cent)	True Amnyworm Fall Amnyworm	0.025-0.04	3.20-5.10	•Do not release flood water within 7 days of an application.
	Tellow-striped Armyworm Tice Water Weevil (adult) Tice Strink Bug			Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply more than 0.08 lb ai (0.64 pints) per acre within 28 days of harvest or more than 0.04 lb ai (0.32 pints) per acre within 21 days of harvest.
	Erasshopper Spp.			Do not apply within 21 days of harvest.
	Earthopper Spp. Lat Birdicherry Aphid Seen Bug			•Do not use treated rice fields for the aquaculture of edible fish and crustacea.
				Do not apply as an ultra-low volume (ULV) spray.
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	SPRAY RECOMMENDATIONS					
Стор	Target Pests	Ra	rte	Remarks		
ыор	dop largeress	lb ai/A	fl oz/A	nelliary		
Sorghum (Grain)	Cotworm Spp. Sorghum Midge Annyworm	0.015-0.0 <b>2</b> 0.02-0.03	1.92-2.56 2.56-3.84	Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.		
	Beet Armyworm <sup>2</sup> Fall Armyworm <sup>2</sup> Yellow-striped Armyworm <sup>1</sup> Com Earworm			<ul> <li>Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of target location. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> </ul>		
	Webworm Spp. European Corn Borer? Southwestern Corn Borer?			•For sorghum midge control, begin applications when 25% of the sorghum heads have emerged and are in tip bloom. Repeat applications at 5-day intervals if needed.		
	Lesser Comstalk Borer <sup>2</sup> Rea Beetle Spp. Stink Bug Spp. Grasshopper Spp. Chirch Buc	0.03	3.84	•For chinch bug control, begin applications when bugs migrate from small grains or grass weeds to small sorghum. Direct spray to the base of sorghum plants. Repeat applications at 3- to 5-day intervals if needed. KARATE may only suppress heavy infestations and/or subsequent migrations.		
	On on one	0.03	3.04	Do not apply within 30 days of harvest. Do not apply more than 0.08 lb ai (0.64 pints) per acre per season. Do not apply more than 0.06 lb ai (0.48 pints) per acre per season after crop emergence. Do not apply more than 0.02 lb ai (0.16 pints) per acre per season once crop is in soft dough stage.		
				Do not graze livestock in treated areas or harves: for fodder, silage or hay.		
		;		For control of first and second instars only. For control before the larva bores into the plant stalk. See resistance statement under General Directions for Use.		

,	SPRAY RECOMMENDATIONS								
Crop	Target Pests	Rate		Remarks					
σισμ		lb ai/A	fl oz/A	nemarks					
Soybean	Corn Earworm Velvetbean Caterpillar Green Cloverworm Painted Lady (Thistle) Caterpillar Cabbage Looper Saltmarsh Caterpillar Woolybear Caterpillar Cutworm Spp. Bean Leaf Beetle Mexican Bean Beetle Western Corn Rootworm Beetle (Adult) Northern Corn Rootworm Beetle (Adult) Southern Corn Rootworm Beetle (Adult) Mexican Corn Rootworm Beetle (Adult) Three-Cornered Alfalfa Hopper Potato Leafhopper Thrips Spp.	0.015-0.025	1.92-3.20	<ul> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Do not graze or harvest treated soybean forage, straw or hay for livestock feed.</li> <li>Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acres.</li> <li>For control of adult corn rootworm beetles *Diabrotics* species*) as part of an aerial applied corn rootworm control program use a minimum of 2.56 fl oz/A (0.02 to ai/A).</li> <li>Do not apply within 45 days of harvest. Do not apply more than 0.06 lb ai (0.48 pints) per acre per season.</li> <li>For control of first and second instar only.</li> <li>Suppression only.</li> <li>See resistance statement under General Directions for Use.</li> </ul>					
	Armyworm' Fall Armyworm' Yellow-striped Armyworm' Tobacco Budworm' Webworm Spp. European Corn Borer Silverspotted Skipper Japanese Beetle (Adult) Blister Beetle Spp. Stink Bug Spp. Plant Bug Spp. Plant Bug Spp. Grasshopper Spp. Beet Armyworm' Soybean Looper' Lesser Cornstalk Borer' Spider Mite Spp.'	0.025-0.03	3.20-3.84						

SPRAY RECOMMENDATIONS						
Crop	Target Pests	Rate		Remarks		
Giob		lb ai/A	fi oz/A	nemarks		
Sunflower	Sunflower Beetle Cutworm Spp.	0.015-0.025	1.92-3.20	Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally		
	Sunflower Moth	0.02-0.03	2.56-3.84	determined economic thresholds.		
	Banded Sunflower Moth Fall Armyworm Woolly Bear Caterpillar Spotted Cabbage Looper Painted Lady (Thistle)			<ul> <li>Apply with ground or air equipment using sufficient water to obtain full coverage of sunflower heads and/or foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> </ul>		
	Caterpillar Seed Weevil (Adult) Stem Weevil (Adult) Head-Clipper Weevil (Adult) Japanese Beetle (Adult) Sunflower Maggot (Adult) Leafhopper Spp. Meadow Spittlebug Stink Bug Spp. Grasshopper Spp.			•Do not apply within 45 days of harvest. Do not apply more than 0.12 lb ai (0.96 pints) per acre per season. Do not apply more than 0.09 lb ai (0.72 pints) per acre per season after bloom initiation. Do not apply as an ultra low volume (ULV) spray.		
				For control of first and second instar only. *Suppression only. *See resistance statement under General Directions for Use.		
	Beet Armyworm <sup>1,3</sup> Spider Mite Spp. <sup>2</sup>	0.03	3.84			

SPRAY RECOMMENDATIONS							
Cross Toront Boots		Rate		Remarks			
Crop	Target Pests	Ib ai/A	fl oz/A	- Kemarks			
Tomato and Tomatillo	Cabbage Looper Cutworm Spp. Hornworm Spp. Tomato Fruitworm Tobacco Budworm³ Tobacco Budworm³ Tomato Pinworm Beet Armyworm¹ Southern Armyworm¹ Yellow-striped Armyworm¹ Fall Armyworm¹ European Corn Borer Leafminer Spp.² Colorado Potato Beetle³ Flea Beetle Spp. Grasshopper Spp. Leafhopper Spp. Leafhopper Spp. Aphid Spp.²³ Whitefly Spp.²³ Meadow Spittlebug	0.015-0.025	1.92-3.20 2.56-3.84	<ul> <li>Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.</li> <li>Apply with ground or air equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.</li> <li>Do not apply within 5 days of harvest. Do not apply more than 0.36 lb ai (2.88 pints) per acre per season.</li> <li>Do not use on varieties in which the mature tomatoes will be less than one inch in diameter (such as cherry tomatoes).</li> <li>For control of first and second instar only.</li> <li>Suppression only.</li> <li>See resistance statement under General Directions for Use.</li> </ul>			
Wheat, Wheat Hay,	Stink Bug Spp. Plant Bug Spp. Cutworm Spp. Army Cutworm	0.015-0.025	1.92-3.20	Apply as required by scouting, usually at intervals of 5 or more days. Timing and frequency of applications should be			
Triticale	Armyworm Fall Armyworm Yellow-striped Armyworm Flea Beetle Spp. Cereal Leaf Beetle Stink Bug Spp. English Grain Aphid' Russian Wheat Aphid' Bird Cherry-Oat Aphid' Grasshopper Spp.	0.02-0.03	2.56-3.84	based upon insect populations reaching locally determined economic thresholds.  • Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of foliage. When applying by air, apply in a minimum of 2 gallons of water per acre.  • For chinch bug control, repeat applications at 3- to 5-day intervals if needed. KARATE may only suppress heavy infestations and/or migrations.  • Greenbug is known to have many biotypes. KARATE may provide suppression only. In this situation, a second application using an alternative chemistry may be needed.			
	Grass Sawfly Chinch Bug Greenbug <sup>12</sup>	0.025-0.03	3.20-3.84 3.84	On not apply within 30 days of harvest.     Do not apply more than 0.06 lb ai (0.48 pints) per acre per season.     Best control is obtained before insects begin to roll leaves. Once wheat has started to boot, KARATE may provide suppression only. Higher rates and increased coverage will be necessary.     See resistance statement under General Directions for Use.			

#### **RATE CONVERSION CHART**

LB AI PER ACRE	FL OZ Per Acre	PINTS PER ACRE	TREATED ACRES PER GALLON
0.015	1.92	0.12	66
0.02	2.56	0.16	50
0.025	3.20	0.20	40
0.03	3.84	0.24	33
0.04	5.12	0.32	25

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# **ZENECA** Ag Products

ZENECA Inc. Wilmington, Delaware 19850-5458

Due to Toxicity to Fish and Aquatic Organisms

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

#### ZENECA Ag Products



#### KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

#### **ACTIVE INGREDIENT:**

TOTAL 100.0%

KARATE contains 1 pound of active ingredient per gallon and is an emulsifiable concentrate. EPA Reg. No. 10182-96

#### STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF SWALLOWED: Do not induce vomiting. Call a physician immediately.

IF INHALED: Remove victim to fresh air. That breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: Induced vomiting as first aid for this substance may result in increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent. Vomiting should be induced only under professional supervision.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

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See attached booklet for complete Directions for Use.



ACTIVE INCREDIENT: Lambda-cynelothrin [1a(S\*),Ja(Z);4.3-cyano 3.3.3-trifluoro-f-propery REET INGREDIENTS:

KANATE contains 1 pound of active ingredent per gallon and is an emulsifiable consi EPA RAG, No. 10182-96 EPA ER. No.

KEEP OUT OF REACH OF CHILDREN

DANGER

PELIGRO

PELIGRO STATEMENT OF PRACTICAL TREATMENT

24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1400-F.A.S.TALEO (277-832). CHEMICAL EMERGENCY: Spill half, fire, exponent, at accident sell CHEMITREC 1400-424-5398.

# PRECAUTIONARY STATEMENTS

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ers use closed systems, enclosed cabt, or aircraft in a manner that meets the requirements where Projection Standards (WPS) for afforblust generations (40 CFR 1702-0006)4-61), the requirements may be reduced or modified as specified in the WPS.

us. FPE immediately after handing this product. What the outside of piowes before removing. As the possible, wash thoroughly and change into clean clothing.

bustible liquid, Do not use or store near heat or open fame. CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIMITATION

CONTENTS:

BETTE. Read the entire Directions for Use and Conditions of Sale and Limbarion of Wherenty and Limbario Frond in the attended booklet before beforing a using the products. If this terms are not accomputate, the terms are not accomputate, practice will be returned.

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STORAGE AND DISPOSAL

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See attached booklet for Use Precautions, Directions for Use and Recommendations.





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ZENECA Ag Products

ZENECA Inc. Wilmington, Delaware 19880-6468

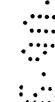




























































































































































































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STORAGE AND DISPOSAL

**UN2903** 



KARATE contains 1 pound of ective ingredient per gallon and is an emulaifiable conc. EPA EAL No. 10182-48 EPA EAL No. 10182-48-1

FOR BULK, MINI-BULK, EZ HÁNDLER® AND BOOMERANG CONTAINER DISPOSAL EMECA, Inc. for reuse with seal intent and in selable condition. LE CONTAINERS, inspect thoroughly for damage such as cracks, punctures, buiges

KEEP OUT OF REACH OF CHILDREN

DANGER

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24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-400-F-A.-8-TAM-E-D (272-4837). CHEMICAL EMERGENCY (Spill, Soul, Firs, exposums, so positions und CHEMITISE 1-400-424-2300

PRECAUTIONARY STATEMENTS

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HYSICAL AND CHEMICAL HAZARDS

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PLACE
Complete Directions for Use
Booklet Here

ZENECA Ag Products

ZENECA Inc. Withington, Delaware 19850-5458

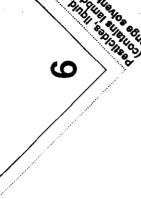
CONTENTS: 110 gal (416L)

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IMPORTANT
See atteched booklet for Use Precautions, Directions for Use and Recommendations.







Office of

Due to Toxicity to Fish and Aquatic Organisms
For retail sale to and use only by Certified Applicators, or persons under their directly for those uses covered by the Certified Applicator's certification.



ACTIVE INGREDIENT: 

EPA Reg. No. 10182-96 EPA Est. No. 10182-AR-1

(%) (1) () (%) (1)

#### KEEP OUT OF REACH OF CHILDREN

**DANGER** 

PELIGRO

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Si usted no entiende la etiqueta, busque a alguien para que se la expl not understand the lebel, find someone to explain it to you in detail.)

#### STATEMENT OF PRACTICAL TREATMENT

#F ON SKIN: Wash with plenty of soep and water. Get medical attention if irritation persists. #F SWALLOWED: Do not induce vomiting. Call a physician immediately. #F INHALED: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth. Get medical attention.

mouth. Get medical attention. If IN EYES: Hold systide open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if initiation pensists. NOTE TO PHYSICIAN: Induced vomiting as first aid for this substance may result in increased risk of chemical pneumonia or putmonary eleman caused by aspiration of the hydrocarbon solvent. Verniting should be induced only under professional supervision.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-8-TAM-E-D (327-8623). FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMITREC 1-800-424-8300.

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

CORROSIVE. CAUSES SKIN DAMAGE. MAY BE FATAL IF SWALLOWED OR INHALED. CAUSES EYE INJURY. HARMFUL IF ABSORBED THROUGH SKIN, MAY CAUSE ALLERGIC SKIN REACTIONS, **DO NOT** get on skin, in eyes, or on clothing. **DO NOT** breathe spray mist.
Skin exposure may also result in a sensation described as a fingling, tiching, burning, or prictify feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

#### PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below, if you want more options, follow the instructions for category G on an EPA chemical resistant category selection chart.

Applicators and other handlers must wear:

-Coveralls over long-eleeved shirt and long pants -Chemical-resistant gloves, such as barrier laminate or viton ≥ 14 mila -Chemical-resistant footwear plus socks

Protective evewear

Chemical-resistant headgear for overhead exposure

Chemical-resistant apron when cleaning equipment, mixing, or loading

-for exposures in enclosed areas, a respirator with either an organic vapor-temoving cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)

For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21CI

Discard clothing and other absorbant materials that have been direnched or heavily contaminated with this product's concentrate. Do not reuse them, 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.

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 170.240tdf(4-5)), the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations
Users should:
-Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
-Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
-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 extremely toxic to fish and aquatic organisms and toxic to wildlife. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. On not apply when weather conditions favor drift from treated areas. Drift and runoff from treated may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment weathwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment

PHYSICAL AND CHEMICAL HAZARDS

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty an Liability found in the attached booklet before buying of using this product. If the terms are not accept sale, return the product at once, unopened, and the purchase price will be refunded

#### **DIRECTIONS FOR USE**

AGRICULTURAL USE NED EMENTS

manywith its labeling and with the Worker Protection Standard, 40/07R part 1779. Refer to supplied "MERSCULTURAL" USE REQUIREMENTS" in the DIRECTIONS RUM USE contion for informati

#### STORAGE AND DISPOSAL

uter, food, or feed by storage and disposal.

sely. Keep container closed when not in use. Do not a
be send, earth, or synthetic absorbent. Remove to chemia are accusing hezordous, improper disposal of excess pebe disposed of by use according to label instructions, o
to Representations at the nearest EPA Regional Office for

FOREBUILK, INVINIBULK, EZ HANDLER® AND BOOMERANG CONTRINER INVERTOSAL EMEZILIAE, Therreuse with send intact and in saleble condition. ndition.

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Billing RETURNAME:ECCOMPINIERS, inspect thoroughly for damage such as effects
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REFIEL ONLY WITH KARKETS\*\*\*mentioning. The contents of RETURNABLE CONTAINERS can with materials other them: "ERFATE" insecticids will result in contemination and stay greater. rpletary full-dved by cle

materials other than TARALE". Insecticide was result in consense filling and before transcorring, wheck for leads. It refill ar transport interagent on leading container. [ANNER IS NOT SAFERIN FIZZID, FEED, OR DRINKING WATER!

CARATET and S-Z HANDLEST artradements of a ZENECA Group Company.

#### **IMPORTANT**

See attached become for use Precautions, Directions for Use and Recommendations. Read all lubel directions terms using:

**PLACE** Complete Directions for Use **Booklet Here** 

CONTENTS:

ZENECA Ag Products

ZENECA Inc. Wilmington, Delaware 19650-5452

#### **CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability found in the attached booklet before buying or using this product. If the terms are not acceptable, naturn the product at once, unopened, and the purchase price will be refunded.

#### **DIRECTIONS FOR USE**

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

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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

This labeling must be in the possession of the user at the time of application.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling (i.e., attached booklet) under "AGRICULTURAL USE RECUIREMENTS" in the DIRECTIONS FOR USE section for information about this standard.

Refer to attached booklet for full use directions.

#### STORAGE AND DISPOSAL

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

STORAGE: Store in original containers only. Keep container closed when not in use. Do not store near food or feed, it case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for

#### CONTAINER DISPOSAL

Triple rinse (or equivalent: then offer for recycling or recondi-tioning, or puncture and sispose of in a sanitary landfill, or by incineration, or, if allower by State and local authorities, by burning. If burned, stay out of smoke.

FOR BULK, MINI-BULK, EZ HANDLER\* AND **BOOMERANG CONTAINER DISPOSAL** 

Return container to ZENECA, Inc. for reuse with seal intact and in salable condition.

#### CONTAINER PRECAUTIONS

Before refilling RETURNABLE CONTAINERS, inspect thoroughly for damage such as cracks punctures, bulges, dents, ab enons,

and damaged or wirn threads on closure devocas.

REFILL ONLY WITH KASATE Insecticide. The contents of RETURNABLE CONTAINERS cannot be completely removed by cleaming. Refilling with materia's other than KARATE® Insecticide wil result in contamination and may weaken cuntainer.

After filling and before transporting, check for

Do not refill or transport damaged or leaking container. CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

KARATE® and E-Z HANDLER® are trademarks of a ZENECA Group Company © 1998 ZENECA Inc.

**ZENECA** Ag Products

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**UN 2903** 



Pesticides liquid to the finite stande so he feel paint and a so he feel paint a so he feel

Due to Toxicity to Fish and Aquatic Organisms

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's condition.

### **ZENECA** Ag Products



#### **ACTIVE INGREDIENT:**

Lamcca-ryhalothrin
[10(\$\frac{1}{2}\frac{1}{2}\display=2\cdotsquare\frac{1}{2}\display=2\cdotsquare\frac{1}{2}\display=2\cdotsquare\frac{1}{2}\display=2\cdotsquare\frac{1}{2}\display=2\cdotsquare\frac{1}{2}\display=1\display=2\display=1\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=2\display=1\display=1\display=2\display=1

# KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

#### STATEMENT OF PRACTICAL TREATMENT

IF ON SCN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF SWALLOWED: Do not induce vomiting. Call a physician immediately.

IF MHALED: Remove victim to fresh air. If not breathing give artificial respiration, oreferacty mouth-to-mouth. Get medical attention.

IF IN EYES: Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: Induced vomiting as first aid for this substance may result in increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent. Vomiting should be induced only under professional supervision.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMITREC 1-800-424-9300.

#### PRECAUTIONARY STATEMENTS

#### HAZAROS TO HUMANS AND DOMESTIC ANIMALS DANGER

CORROSVE CAUSES SKIN DAMAGE. MAY BE FATAL IF SWALLOWED OR INHALED. CAUSES EYE INJURY, HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE ALLERGIC SKIM REACTIONS. DO NOT get on skin, in eyes, or on clothing. DO NOT breathe spray miss.

Skin exposure may also result in a sensation described as a tingling, itching, burning, or prictly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 bours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

#### Personal Protective Equipment

Some materials that are chemical-resistant to this product are isted thetre. If you want more options, follow the instructions for category G on an EPA charmosa resistant category selection chart.

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Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or vitor > 4 mils
- \*Chemical-resistant footwear plus socks
- Protective evewear
- Chemical-resistant headgear for overhead exposure
- \*Chemical-resistant apron when cleaning equipment, mixing or oading:
- •For exposures in enclosed areas, a respirator with either at arganic vanur-removing cartridge with a prefilter approved for pesticides (MSHA-NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA-NIOSH approval number prefix TC-14G)
- For exposures outdoors, dust/mist filtering respirator (MSH4NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have men dremoner or heaving contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for cleaning/maintaining PPE is no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other launury.

When handlers use closed systems, enclosed cabs, or aircratin a mammer that meets the requirements issted in the Worker Protection Standard (WPS) for agricultural pessicides [40 CFR 170.240(d)[4-6]], the handler PPE requirements have be meaninged or modified as specified in the WPS.

#### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using truscop on using the toilet:
   Remove clothing immediately if pesticide gets inside. Ther wash thromounny and pure on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of power before removing. As soon as possible, wash thoroughly and change and clearn outside.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic organisms and toxic in wildlife. One not apply directly to water or to areas where surface water is present on in interticital areas below the mean high water mark. Do not apply when weather immutions fawor drift from treated areas. Defit and runoff from treated areas may the interdous aquatic organisms in neighboring areas. Do not contaminate water when inspections are equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to proming crops or weeds, if bees are visiting the treatment area.

**PHYSICAL AND CHEMICAL HAZARDS** 

Combustible liquid. Do not use or store near heat or open flatne.

Net Contents: 30 gal (114 L)

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#### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability found in the attached booklet before buying or using this product. If the terms are not acceptable, return the product at once, unopensal, and the purchase price will be refunded.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner incensistent with its labeling.

Do not apply this product in a way that will contact workers or either persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

This labeling must be in the possession of the user at the time of application.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling (i.e., attached booklet) under "AGRICULTURAL USE REQUIREMENTS" in the DIRECTIONS FOR USE section for information about this standard.

Refer to attached booklet for full use directions.

#### STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by starage and disposal.

STORAGE: Store in original containers only. Keep container clased when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardams. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

#### **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.

#### FOR BULK, MINI-BULK, EZ HANDLER® AND **BOOMERANG CONTAINER DISPOSAL**

Return container to ZENECA, Inc. for reuse with seal intact and in salable condition.

#### CONTAINER PRECAUTIONS

Before refilling RETURNABLE CON-TAINERS, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged or worn threads on closure

#### REFILL ONLY WITH KARATE®

Insecticide. The contents of RETURNABLE CONTAINERS cannot be completely removed by cleaning. Refilling with materials other than KARATE® Insecticide will result in contamination and may weaken container.

After filling and before transporting, check for leaks.

Do not refill or transport damaged or leaking con-

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR **DRINKING WATER!** 

KARATE® and E-Z HANDLER® are trademarks of a ZENECA Group Comp

Made in U.S.A.

## **ZENECA** Ag Products

04005296 019810

ZENECA Inc. Wilmington, Delaware 19697 **UN 2903** 



Pesticides indication in the range solvents. Desired and series in the series of the s

Due to Toxicity to Fish and Aquatic Organisms

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

## ZENECA Ag Products



#### **ACTIVE INGREDIENT:**

Lambda-cyhalothrin

 $[1\alpha(S^*),3\alpha(Z)]\cdot(\pm)\cdot cyano\cdot(3-phenoxyphenyl)methyl-3\cdot(2-chiora-$ INERT INGREDIENTS: 86.9%

KARATE contains 1 pound of active ingredient per gallon ant is an emulsifiable concentrate

EPA Reg. No. 10182-96 EPA Est. No.

### KEEP OUT OF REACH OF CHILDREN DANGER

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

#### STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation per-

If SWALLOWED: Do not induce vomiting. Call a physician immediatelly.

IF INHALED: Remove victim to fresh air. If not breathing give actificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Hold eyelids open and flush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: Induced vomiting as first aid for this substance may result in increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent. Vomiting should be induced only under professional supervision.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS **DANGER**

CORROSIVE. CAUSES SKIN DAMAGE. MAY BE FATAL IF SWALLOWED OR INHALED. CAUSES EYE INJURY, HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE ALLERGIC SKIN REACTIONS. DO NOT get on skin, in eyes, or on clothing. DO NOT breathe spray

Skin exposure may also result in a sensation described as a tingling, atching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soop and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

#### Personal Protective Equipment

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistant category selection chart.

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or viton ≥ 14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear
- •Chemical-resistant headgear for overhead exposure
- \*Chemical-resistant apron when cleaning equipment, mixing, or loading
- ·For exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)
- ·For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufac-turer'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.

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. fied as specified in the WPS

#### **User Safety Recommendations**

Users should

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put
- on clean clothing.
- 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 extremely toxic to fish and aquatic organisms and toxic to wildlife. 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 treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when dispessing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops of weeds if bees are visiting the treatment area.

#### **PHYSICAL AND CHEMICAL HAZARDS**

Combustible liquid. Do not use or store near heat or open ficme.

Net Contents: 15 gal (56:8 L)

04005294 / 015810

Due to Toxicity to Fish and Aquatic Organisms

For retail sale to and use as under their direct supervision, and only for those uses covered by the Certified Applicator's certification.



#### **ACTIVE INGREDIENT:**

Lambda-cyhalothrin  $[1\alpha(S^*),3\alpha(Z)]-(\pm)$ -cyano-(3-phenoxygitenyl)methyl-3-(2-chloro 3,3,3-trifluoro-1-propenyl-2,2-dimethylt:yclopropanecarbaxylate... INERT INGREDIENTS.....

KARATE contains 1 pound of active ingredient per gallon and is an emulsifiable concentrate.

EPA Reg. No. 10182-96 EPA Est. No. 10182-AR-1

#### KEEP OUT OF REACH OF CHILDREN **DANGER**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

#### STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of scar and water. Get medical attention if irritation per-

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IF IN EYES: Hold eyelics open and fush with steady, gentle stream of water. Remove any contact lenses and repeat flushing procedure for several minutes. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: induced vomining as first aid for this substance may result in increased risk of chemical pneumona or pulmonary edema caused by aspiration of the hydrocarbon solvent. Vomiting should be induced only under professional supervision.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-E633).

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

CORROSIVE. CAUSES SKIN DAMASE. MAY BE-FATAL IF SWALLOWED OR INHALED. CAUSES EYE INJURY. HARMFUL IF AESORBED THROUGH SKINL MAY CAUSE ALLERGIC SKIN REACTIONS. DO NOT get on skin, in eyes, or on choring. DO NOT breathe spray

Skin exposure may also result in a sensation described as a singling, lacking, burning, or prickly feeling. Onset may occur sumediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wastr exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream

#### Personal Protective Equipment

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistant category selection chart.

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or viton ≥ 14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- ·Chemical-resistant apron when cleaning equipment, mixing, or loading
- For exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)
- For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

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 pesti-cides (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:
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toact.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

This pesticide is extremely toxic to fish and aquatic organisms and toxic to wildlife. Do not apply directly to water or to areas where surface water is present or to intended areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

#### **PHYSICAL AND CHEMICAL HAZARDS**

Combustible liquid. Do not use or store near heat or open flame.

Net Contents: 15 gal (56.8 L).....

040052977 819810

EPA Est. No. 10182-AR-1

# EPA ES PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER.

CORROSNE CAUSES SKIN DAMAGE MAY BE FATAL IF SWALLOWED OR INHALED CAUSES EYE INJURY. HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE ALLERIC SKIN REACTIONS. DO NOT get on skin, in eyes, or on clothing. DO NOT breathe spray risk.

Stire exposure and may also result in a sensation described as a brighing, inching, burning, or prickly feeling. Orset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based remains the skin sensation may be obtained by applying an oil-based remains and proceed areas conce with soap and based by a specific chart.

Personal Protective Equipment
Some materials that are chemical-resistant to this product are listed below. If you want none options, follow the instructions for category 6 on an EPA chouseal areas.

Some materials that are chemical-resistant to this product are listed below. If you want none options, follow the instructions for category 6 on an EPA chouseal areas.

Chemical-resistant gover, such as barrier laminate or viron. It anis seems of the chart of selective charts and other handlers must be prefixed and a prefixed areas, a respirator with either an organic vapor-remover for earthing a prefixed any and a prefixed areas, a respirator with either an organic vapor-remover for earthing and the prefixed areas, a respirator with either an organic vapor-remover for earthing and the prefixed areas, a respirator with either an organic vapor-remover for earthing must be prefixed and the products dustwins filtering respirator (MSHANIOSH approval number prefix TC-146).

The caposures outdoors, dustwinst filtering respirator (MSHANIOSH approval number prefix TC-146).

Descard clocking and other stockhelms followed to septiments that wanter that was respected to the production for cleaning/maintaining PPE. If no such instructions for washables, use eletargent and brot water Keps and wash PPE separately from other learning with a meets stocked systems, enclosed case, or aircraft in a manner that was reduced or modified the specified in the WPS.

User Szerky Recommendations

User Szerky Recommendations

-Wash hands before eating, drinking, chewing gum, using tobacco or using the ipplet.

Plemove PPE insmediately after handling this product. Wash the outside of glomove before removing. As soon as possible, wash thoroughly and change into clean clothing. Hernove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS
This pestické a extremely boxic to fish and aquatic organisms and loxic to wildlife.
Do not apply directly to water of to areas where xurthace withor is present ur to interdial areas below the mean high waiter mark. Do not apply when weretter continuents lavor drift from treaded areas. Dott and runoff iron treated mark to always to a speakle organisms the ingliths and arms. On that continuents well well when the westwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds in the best are visiting the treatment area. PHYSICELA NUD CHEMICAL HAZARDS Combustible liquid. Do two use or skyre hose heat or open flame.

# CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability found in the attached booldet before boying or using the product. If the terms are not acceptable, return the product at once, unopened, and the purchase price Will be refunded.

DIRECTIONS FOR USE
It is a violation of federal law to use this product in a manner inconsistent with its labeling.
SEE BOOKLET ATTACHED TO CONTAINER FOR COMPLETE DIRECTIONS FOR USE.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker
Protocoon Standard, 40 CFR part ITO. Refer to supplemental labeling (i.e.,
attached booklet) under "AGRICULTURAL USE REQUIREMENTS" in the DIRECTIONS FOR USE section for information about this standard.

STORAGE AND DISPOSAL
PROHIBITIONES. Do not contaminate water, food, or feed by storage and disposal.

Type storage and disposal.

STORAGE. Store in original containers only. Keep containers only. Keep containers chosed when not in use. Do not store mear food or leed, in case of spill or leak or floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical water area.

PETICLIE DISPOSAL! Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray manue or insale is a violation of federal law. If these wastes cannot be disposal of by use according to label instructions. contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Approximation.

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CONTAINER DISPOSAL Plastic Containers: Triple rinse cupuls dark than other for recycling or recondroning, or puncture and dispose of in a sanitary landfill, or by incineration, o. if allowed by State and local authorities, by burning. If burned, stay out of snoke.

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# ZENECA Ag Products

ZENECA Inc. Wilmingten, Delauses 1

Contents: 1 gal (3.79L)

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