

### For Use to Control Certain Insects on Cotton

### FOR MINI-BULK CONTAINERS

## ACTIVE MICHERINE OMBRYCYCIOPTOMARICA MAPRY MAGRIERALITE

100.05 KARATE contents 1 pound of an abse concentrate EPA Reg. No. 10182-95 EPA Est. No. 10182 AR-1

KEEP OUT OF REACH OF CHILDREN

## DANGER **PELIGRO**

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### STATEMENT OF PRACTICAL TREATMENT IF ON BRIM: Wash with plenty of some and water. Get medical attention if an-

IF SWALLOWED; Do not induce coming. Call a physician immediately IF REMALED: Reviews vicem to heah air if not breathing give artificial respira-tion preferably registro-match. Get theological attention.

of INEXES, Held eyelds open and Rush with steady gardle scream of water Remove any contect tensor and report jushing procedure for several man-ules Get madical attention of instation penishs.

uses use meaca assertion in mation parasits. Note the substance may result in increased risk of chemical preumona or pulmone's edema caused by assertiant of an hydrocarbon schent. Vorning should be induced only under professional supervision.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE. CALL 1-806-F-A-T-M-E-0 (227-8133)

FOR CHEMICAL EMERGENCY Spill lenk, fire, expensive, or accider call CHEMITREC 1-008-424-1008

### PRECAUTIONARY STATEMENTS HAZAROS TO HUMANS AND DOMESTIC ANIMALS

### DANGER

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CORPOSIVE CAUSES SKIN DAMAGE MAY BE FATAL IF SWALLOMED
OR HANALED CAUSES EYE HAURTY HARRIFUL IF ABSORBED THROUGH
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eyes or on clothing DO MOT breath boys, must

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San empowering also result in amount of one; died as a lengthing withing burning or product they occur innectability to 4 hours after exposure and may test 2 to 30 hours embod demanys. Wash exposed area once with poop and water. Relief from the sans sensation may be obtained by applying an of based cream.

Personal Profescious Equipment
Some materials may are chemical relistant in this product are issed below it
you want more options, loftice the instructions for nategory G on an EPA
chemical reletifiance category selection chair.

### Appaicators and other handlers must ena-

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  Chemical relation forces such as Certer, amner in vitro vita mes.
  Chemical relation forces plus softs.
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  Chemical relations

- Chemical restation readigiser for overhead exposure.
   Chemical restation readigiser for overhead exposure mixing in loading.
   For exposures in enclosed areas is respirative with either an originic responsion of an exposure for protections (EASHARMOSH approved runther prefix TC 20C) or a certifier approved to predictions (EASHARMOSH approved mixing prefix TC 21C).
   For exposures, outdoors, dust mixing responsion (INSMARMOSH approved mixing prefix TC 21C).

Decard clothing and other absorbent meteries that have been directed or heavily containmented with this products concentration. Do not insule them follow manufactures insulations for cleaning functioning PPE. If no such instructions for usanitation use deergon and hirt water fines and week PPE apparatoly from open lauriest.

When handlers use closed systems enclosed cabs, or archell in a manner that meets the requirements lated in the Worker Protection Standard (WPS) for agricultural pseudosta (40 CFR 170 240 kH 8)). The handler PPE requirements makes may be reducted on modified as specified on the WPS.

# User Salaty Recommendations Users should - Week hands before saling, drinking inhoung gum, using tobacco or using

- To lead to
- the book! Removed College immediately if print, storgets, incide. Then wash thiroughly and put on Cean college, and put on continue Femoral PEP immediately, after handling this product. Wash the dutade of ghosts before immediately after handling this product. Wash the dutade of ghosts before immediately after an appropriate with thoroughly and change after dues notinue.

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This product is highly loss: to bees expected to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow if to drift to blooming crops or weeds is taken are visiting the treatment are:

PHYSICAL AND CHEMICAL HAZAROS

### **DIRECTIONS FOR USE**

Do not apply this product in a way that will contact workers or ether persons either directly or through debt. Only producted benders may be in the area during application. For any requirements specific to your State or Tribe con-tact the approxy respirately for periodic legislation.

### Do not easily that product through any type of irrigation system

AGRICULTURAL USE REQUIREMENTS

Agricultural value and registering and sub-fit labeling and with the Worker Protection Standard, 49 CFR part 170 Refer to explainments labeling (a.e., attached brothel) under "ADMICULTURAL LYSE REQUIREMENTS" in the DMICCTOMS FOR VISE section for internation about this standard.

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### STORAGE AND DISPOSAL

BTDRAGE: Store in evigreal cententers only. Keep container chierd when loci in use. Do not store man feed or lead in case of spall or team on feor or paved auritose, soot up with send earth, or synthetic absorbert. Remove

pained surfaces, sosti up web servid terrift or syndroic absortive? Remove by Chemical model solid.

PESTICIDE DISPOSAL: Prescribe wasters are accusivy herzardruss for proper desponds of serces specificate, syndroid model or model or in excession of Federal law IF three seases connect the disposed of by use according to leader ordinations. Confect upon State Pediatical or Environmental Confect Agency, or the Pfatzedous Waster Representative of the reserval EFA Reported Ordina for general according to the confect for general confect for gene

### FOR BULKAMBLBULK AND EZ HANDLEN' CONTARIERS

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CONTAINER PRECAITIONS
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REFILL ORLY WITH KARKTE INSECTICIOE. The consents of the consener cannot be completely removed by cleaning Referring with required
many LAMATE meaches will result in consensation and many seal

### After filling and before transporting, check for leaks The next retail or transmitted demanded of basiness contains

CONTAINER IS NOT SAFE FOR FOOD FEED OR DRINKING WATER!

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before Using this product

and Werrarby before using the product. CONSTRUCTOR OF SALE AND LIMITED WARRANTY.

The Descripting for Use of this product are believed to be inside and should be allowed controlled to the product are believed as that enhanced in the product of the product of the inside of the product Crop report, mellicoheause are other unrelated construction and results between of each factors as terming and melliod of deplacation is about an extension of the product of the section is about an extension of controlled and invasion with other chances and specifically recommended or other influences, became in the use of the product and of which are level than the product of the section of and Duvier and User agree to half State harmlass for any claims setting to hich factors. Super-segment that the spreadoct continues to the charmlass discreption on the total and a readomatily in the hip purposes stated on the total subject to the inherent relat information between years of accordance on the accordance under from your charmlass and the second of the second of the second of product cytopian document with the second of the second of the second of the product cytopian for any such uses SELLER DOCLANDE ALL OTHER, I SHARMLAST SE STATE SECOND ON sight IED WICLUSING ARM WARMANTY OF FITTHESS OR HER ROUMSTABLE IN

OR SETT ROUND ANY WARRANTY OF FITTERS OR SETT CONTRIBUTED WHEN Buyer or User claims useds or demonstrating regularly interest to the claims the uses of the product of the

NARATET and E.2 HAMDLERT are trademarks of ZENECA Group Comp. Q1991.2ENECA.Inc.

## IMPORTANT

See attached booklet for Use Precautions, Directions for Use and Recommendations. Read all label directions before using.



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

Contents: 110 gal (416L)

**ZENECA** Ag Products

ZENECA Inc.

1093067





ACCEPTED

Under the Federal insecticide. Fungicide, and Rodenticlide Act. as amended, for the pesticide registered under EPA Reg. No. / 0/92.96

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product

CONDITIONS OF SALE AND LIMITED WARRANTY:

The Directions for Use of this product are believed to be reliable and should be followed carefully. However, 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 liming and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended or other inhusioning factors in the use of the product, all of which are beyond the control of the Selfer All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Selfer harmless for any claims relating to such factors.

Selfer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label subject to the inherent risks referred to above, when used in accordance with directions under normal conditions of use. 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 oneyond the control of Selfer and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR MERCHANTABLITY.

When Buyer or User claims losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict hability or other legal theories). Buyer or User must promptly notify in writing Selfer of any claims to be eligible to incerve either of the remedies self torth below. The EXCLUSIVE REMEDY OF BUYER OR USER and the LIMIT OF LIABILITY of Selfer will be, at the election of Selfer, refund of the purchase price paid for product bought, or replacement of amount of product used. SELLER SHALL NOT BE LIABILE FOR CONSEQUIENTIAL SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLERS SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

AMBUSH\*, CYMBUSH\* KARATE\* and E-Z HANDLER\* are trademarks of ZENECA Group Companies

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Danton is a trademark of Sumitomo Chemical Company, LTD Scout X-TRA'M is a trademark of Hoechst-Roussel Agri-Vet Company

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RATE CONVERSION CHART FL OZ PINTS TREATED ACRES PER ACRE PER ACRE PER GALLON LB AI PER ACRE 0.01 1.28 100 0.08 0.02 2.56 50 0.16 0.025 3.20 0.20 40 3.84 33 0.03 0.24 5.12 0.32 25 0.04

## RESTRICTED USE PESTICIDE

Due to Toxicity to Fish and Aquatic Organisms

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

# **ZENECA** Ag Products



FOR USE TO CONTROL CERTAIN INSECTS ON COTTON

COMPLETE DIRECTIONS FOR USE

BEST AVAILABLE COFT

**ZENECA** Ag Products

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ZENECA Inc. Wilmington, Delaware 19897

1093062

# 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:**

KAHATE contains 1 pound of active ingredient polyalion and is an emulsifiable concentrate.

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

# 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.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND

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, tiching, 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 resistance 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

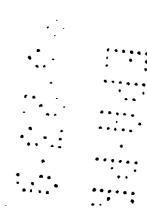
Do not use or store near heat or open flame

## 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 pesticide regulation.

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

Do not apply this product through any type of irrigation system.

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions perfaining to the statements on this label about personal protection 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 treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is

- Coveralls 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

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

Apply KARATE® insecticide as shown in the following chart:

SPRAY RECOMMENDATIONS								
O	Target Pests	Rate Ib aVA II oz/A		B				
Crop	Thrips Spp. Tobacco Thrips Soybean Thrips	0.01-0 02	1 28 2.56	*Apply &s required by scouting, usually at intervals of 5 to days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.  *Apply with ground or all equipment using sufficient water to obtain full coverage of foliage.  *Applicational 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.  *Under light bolfworm/budworm intestation levels. 0.02 to au/may be applied in conjunction with intense field monitoring.  *For bolf weevil control spray on a 3 to 5 day schedule.  *When applied according in label directions for control of collion bolfworm and tobacco budworm. KARATE insectioned also provides oviedal control of unhalched <i>Heliathus</i> spp. equis.  *Do not apply within 21 days of harvest.  *Do not apply more than 1.6 pints. 0.2 to ai) per acre per season. 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 ucts include AMBUSH* insecticide. Ammo* insecticide Asana* XL insecticide, Baythroid* emulsifiable pyrethroid ucts include AMBUSH* insecticide. Pounce* insecticide and Scout X-TRA** insecticide and Scout X-TRA** insecticide and Scout X-TRA** insecticide and Scout X-TRA** insectici				
	Lygus Bugs Pink Bollworm Cabbege Looper Cotton Leafperforator Cutworm Spp. Saltmarsh Caterpiller Cotton Leafworm Cotton Fleehopper	0.02-0 03	2.56-3.84					
	Cotton Boltworm Tobacco Budworm Bolt Weeni Fall Armyworm Beel Armyworm European Com Borer Brown Stink Bug Green Stink Bug Southern Green Stink Bug Twospotted Spider Mite** Cotton Aphid** Bandedwing Whitefly** Sweetpolato Whitefly**	0.025-0.04	3 20-5.12					

\*For control of the first and second instar only "Suppression only

Remarks continued on next page





Crop	Target Pests	Re	Ae .	Remarks
		No all	fl oz/A	
Contol (Contol)				For aerial applications, the spray boom should be mounted on the aircraft so as to minimize for caused by wing to volices. The minimum practical boom length should be used and must not exceed 75% of wing span or rotor clameter.  Use the largest dropted size consistent with good pest control formation of very small deposits may be minimized by appropriate nozzle selection, by enerting nozzles away from the sit steem as much as possible, and by avoiding encessive apray boom pressure.  Spray abould be released at the lowest height consistent with pest control and flight safety. Applications more than 10 feel above the crop canopy should be avoided.  Make aerial or ground applications when the lend velocity levoes on-terget product deposition (approximately 3 to 10 mph). Do not apply when wind velocity enceds 15 mph. Awad applications when wind direction is toward the aquatic area.  On not cultivate within 10 feel of the aquatic area as as to allow growth of a vegetation filter timp.  Low humidity and high temperatures increase the evaporation rate of aquatic area. Avoid spraying droplets and therefore the likelihood of increasing of two filters are not nake serial or ground applications during temperatures. On not make serial or ground applications during temperatures with height above the ground filter and increasing imperatures with height above the ground filter and increasing imperatures with height above the ground filter are increasing imperatures with height above the ground filter are increasing imperatures with height above the ground filter are increasing imperatures with height above the ground filter are increasing imperatures with height above the ground filter are increasing imperatures with height above the ground filter are increasing imperatures with height above the ground filter are increasing armolic area of an inversion in the roto by producing armolic and observing a smoke layer near the ground authace.

### 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 tood or feed. In case of spill or leak on floor or payed 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 posticide, 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

Metal Containers: Triple rinse (or equivalent): then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by State and tocal authorities.

Plastic Containers: Triple rinse (or equiva-(ent); then offer for recycling or reconditioning. or puncture and dispose of in a sanitary landfill or by incineration, or, it allowed by State and local authorities, by burning. If burned, stay out of smoke.

### FOR BOOMERANG CONTAINERS

CONTAINER DISPOSAL: Return container to ZENECA Inc. for reuse with seal intact and in salable condition.

### FOR BULK/MINI-BULK AND E-Z HANDLER\* CONTAINERS

### CONTAINER DISPOSAL

Plastic Containers: Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling or reconditioning, or clean in accordance with manufacturer's instructions

### CONTAINER PRECAUTIONS

Before relitting, inspect thoroughly for damage such as cracks, punctures, bulges, dents, abrasions, and damaged ar worn threads on closure devices

REFILL ONLY WITH KARATE INSECTIGIOE The contents of this container 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!

