

KITTEN & BLAR BRAND

KAYAZINON AG-500

For Control of Insects on Shade Trees, Ornamentals  
And Turf as Listed on The Label

ACCEPTED  
with Service of  
SEP 14 1982

ACTIVE INGREDIENTS:

0,0-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl)	
phosphorothioate . . . . .	48.07%
Xylene . . . . .	36.00%
INERT INGREDIENTS: . . . . .	15.93%

TOTAL 100.00%

KAYAZINON AG-500 contains 4 pounds 0,0-diethyl  
O-(2-isopropyl-6-methyl-4-pyrimidinyl) phos-  
phorothioate per gallon.

ONLY FOR SALE TO, USE AND STORAGE BY SERVICE PERSONS

KEEP OUT OF REACH OF CHILDREN

W A R N I N G

IF SWALLOWED: Call a physician or Poison Control Center immediately.  
Gastric lavage is indicated if material was taken internally. DO NOT  
INDUCE VOMITING: Vomiting may cause aspiration pneumonia. NOTE TO  
PHYSICIAN: Atropine is antidotal only if signs of cholinesterase in-  
hibition are present.  
IF INHALED: Remove victim to fresh air. Apply artificial respiration  
if indicated.  
IF ON SKIN: Wash immediately with soap and water.  
IF IN EYES: Flush with plenty of water. SEE A PHYSICIAN IMMEDIATELY.  
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 43954-  
EPA Est. No. 43954-MO-01

MANUFACTURED BY:  
STEWART SANITARY SUPPLY, INC.  
St. Louis, MO. 63110

NET CONTENTS: \_\_\_\_\_ Gallons

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LEFT PANEL

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS & DOMESTIC ANIMALS****W A R N I N G**

May be fatal if swallowed, inhaled or absorbed through the skin. Do not breathe spray mist or vapors. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling and before eating or smoking.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, shrimp, crabs, birds, and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on shade trees, ornamentals, blooming crops or weeds, and turf. Do not apply this product or allow to drift to blooming crops or weeds if bees are visiting the treatment area. Protective information may be obtained from your Cooperative Agricultural Extension Service.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use, pour, spill, 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.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**PESTICIDE DISPOSAL:**

Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to Federal, state or local procedures.

**CONTAINER DISPOSAL:**

Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

**GENERAL INFORMATION**

KAYAZINON AG-500 is an emulsifiable solution which, when diluted with water according to the directions, is intended for the control of insect pests on shade trees, ornamentals and turf.

## USE DIRECTIONS

## ORNAMENTAL INSECT CONTROL

To control certain insects on ornamentals such as Arborvitae, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladioli, Hawthorn, Holly Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce and Willow, apply the recommended rates indicated below.

INSECTS	AMOUNT KAYAZINON AG-500 TO USE	
	Per 3 Gals. Water	Per 100 Gals. Water
Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leaf Miners, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holly Bud Moths, Leafhoppers, Obscure Root Weevils, Omnivorous Leaf Tiers, Privet Mites, Scale Crawlers (Cottony-cushion, Lecanium, Pine Needle, San Jose, Soft Scale), Thrips, Two-spotted Mites, Webworms, Whiteflies.	1/2 fl.oz.*	1 pt.*
Apple-and-Thorn Skeletonizers, Cotoreaster Webworms, Fall Webworms, Hamlock Chermes, Oak Loopers, Oblique-banded Leaf Rollers, Pear Slugs, Tent Caterpillars.	1 1/2 fl.oz.	3 pts.

\*1 fl.oz. = 2 tablespoons

16 fl.oz. = 1 pint

Do not use on certain Ferns, Poinsettia, Hibiscus, Papaya, Pilea and Gardenia, since injury to the plants may occur.

Mimosa Webworms: Mix 1/2 fl.oz. in 3 gals. of water (or 1 pt. in 100 gals. of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

## LAWN INSECT CONTROL

To control insects listed below, apply recommended rates. For insects such as Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs and Collembola (Springtails), which are commonly found near the house and may enter the house, spray a 5 ft. band of soil around the house, as well as the house foundation wall to a height of 2-3 ft. Repeat application if necessary.

INSECTS	RATE/1,000 Sq.Ft. KAYAZINON AG-500	WATER	REMARKS
Lawn Chinch Bugs	2-3 fl.oz. or 3-6 fl.oz.	25 gals.	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.
Ants, Armyworms, Clover Mites, Collembola (Spring-tails), Crickets, Cutworms, Digger Wasps, Earwigs, Frit Flies, Lawn Billbugs, Sod Webworms (Lawn Moths) Sowbugs	4 fl.oz.	3 gals.	Spot spray ant hills and wasp ground nest openings.  For lawn billbugs, irrigate the lawn thoroughly immediately after treatment.  For Frit Flies, mow grass and water well before treatment but delay application until grass is dry. Do not water again until necessary.
Brown Dog Ticks, Bermuda Mites, Chiggers, Fleas, Leafhoppers, Ticks	1 1/4 fl.oz.	3 gals.	Do not apply to animals.  For brown dog ticks, spray grass and under shrubbery, particularly near house.
Millipedes	8 fl.oz.	3 gals.	
Rhodes-Grass Scales	5 fl.oz.	25 gals.	Apply when crawlers first emerge.

Billbugs and White Grubs (Japanese Beetle, Larvae, European Chafer and Southern Chafer): Apply 4 fl.oz. per 1000 sq.ft. of lawn. Water grass thoroughly after application. For grub control make application any time between late July and early October. For billbug control apply when activity is first observed or when chewed or brown grass is present, indicating damage from this insect.

Hyperodes Weevil (New York only): Apply 3 fl.oz. per 1000 sq.ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

Boxelder Bugs: Spray bugs outside the home with 1 1/2-2 1/2 fl.oz. (2 1/2-5 tablespoons) in 1 gal. of water. At the same time, thoroughly spray around foundation, windows, doors, tree trunks and into cracks and other places where the insects hide.

**FOREST INSECTS**

PINE (SEED ORCHARDS, PLANTATIONS, FORESTS): Arkansas Sawfly (Loblolly Sawfly): Apply 1/2 pt. per acre over the tree canopy in sufficient water to assure thorough coverage. Application should be made at or near the complete egg hatch. Aerial applications should be made with a minimum of 2 gals. of spray per acre, in swaths not more than 90 ft. wide. Repeat application as needed.

**WARRANTY STATEMENT**

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

<p>U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDE REGISTRATION WASHINGTON, D.C. 20460</p> <p><b>NOTICE OF PESTICIDE:</b></p> <p><i>Under the Federal Insecticide, Fungicide, and Rodenticide Act</i></p>	<p>EPA REG. NO. _____ DATE OF REGISTRATION _____</p> <p>TERM OF REGISTRATION _____</p> <p>NAME OF PESTICIDE _____</p>
<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP Code)</p> <p>_____</p> <p>_____</p> <p>_____</p>	
<p><b>NOTE:</b> Changes in label language affecting substance use that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p>	
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p>	
<p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p>	
<p>Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p>	
<p><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>	
<p>SIGNATURE OF APPROVING OFFICIAL _____</p>	<p>DATE <b>SP 8/31/82</b></p>

- e. In the Lawn Insect Control block both from "Keg Ticks" and Ticks are claimed which is redundant. Delete "ticks" from label.
- f. Under the word "Warning" and above "If Swallowed" the words "Statement of Practical Treatment" should be printed.
- g. The type size for Signal word (Warning) and "Keep Out of Reach of Children" are too small. I have enclosed a type size chart to aid you in setting correct type size on your final printed labels.

Please note that since you have adopted the Karubeni trade name as part of your product name, you must use their Karazinon. You should not switch suppliers without deleting this trade name.

Your label (center panel) indicates that Kitten & Bear Brand Karazinon AC-500 is "Only for Sale to, Use and Storage by Service Persons." Also, your applications for new Pesticide Registration dated April 13, 1982 indicates that Child Resistant Packaging will not be used. However, on your Technical Data Form (EPA Form 8570-10) (11-74) you have typed an X next to homeowner user type. It is assumed that this homeowner use claim is an error. Prior to marketing, please respond in writing that homeowner use is not a user type for your product.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-70 Enclosure for a further description of final printed labeling.

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

A stamped copy of the label is enclosed for your records.

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure