

3862-78

7/30/1990

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION  (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 3862-78	DATE OF ISSUANCE <b>JUL 30 1990</b>
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Kamikaze	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

A.B.C. Compounding Company, Inc.  
 P.O. Drawer 585  
 Morrow, GA 30260

161 268 313  
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**NOTE:** Changes in labeling formula differing in substance from 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.

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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement 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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 3862-78" to your label before you release the product for shipment.
3. In an effort to expedite your registration, we are able to complete only the preliminary review of your Confidential Statement of Formula (CSF). Consequently, when the final review of your CSF is completed, we may ask for an update on it.
4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

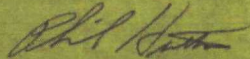
ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>See p. 2</i>	DATE 7/24/90
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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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



Phil Hutton  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosures



ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUL 30 1990

**KAMIKAZE**  
Under the authority of the Administrator, this pesticide is registered under EPA Reg. No. 3862-78

**For use by Trained Personnel Only**

**Authorized by U.S.D.A. for use in Federally inspected meat and poultry plants.**

ACTIVE INGREDIENTS:

Pyrethrins.....	1.00%
Piperonyl Butoxide, Technical.....	2.00%
N-Octyl Bicycloheptene Dicarboximide.....	2.94%
Petroleum Distillates.....	94.06%
<b>TOTAL</b> .....	<b>100.00%</b>

\*Consists of 1.80% (butylacetylthio) (p-propylpiperonyl) ether and 0.40% related compounds.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**  
If swallowed—Call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia.  
If inhaled—Remove person to fresh air.  
If on skin—Remove contaminated clothing and wash affected areas with soap and water.  
If in eyes—Flush eyes with plenty of water. Call a physician immediately if irritation persists.  
**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

**E.P.A. Reg. No. 3862-78**  
**NET CONTENTS**  
**LOT#**

Manufactured By  
**A.B.C. Compounding Co., Inc.**  
P.O. Drawer 585  
Morrow, GA 30260

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS & DOMESTIC ANIMALS**  
CAUTION  
Harmful if swallowed. Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. Wear mask or respirator of type recommended by NIOSH (National Institute for Occupational Safety and Health) to give adequate protection against this material. Wear protective clothing. Wash exposed skin with soap and water after handling and before eating. Wash all contaminated clothing with soap and water separately from other clothing, before reuse.

**ENVIRONMENTAL HAZARDS**  
This product is hazardous to fish, birds, and other wildlife. Do not apply directly to water. Do not contaminate water by disposal of wastes. Apply this product only as specified on this label.

**PHYSICAL HAZARDS**  
Do not use, or store near open flames. Exposure to temperatures over 130° F may cause burning.

**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.  
**STORAGE:** If container is damaged: Stop any leaks by repositioning the container or by patching or by otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. On cleanup of spilled liquids, wear protective equipment as required to prevent contact with the product or its vapors. Cover the spilled areas with generous amounts of absorbent material, such as clay, diatomaceous earth, sand or sawdust. Sweep the contaminated absorbent onto a shovel and put the sweepings into a salvage drum. Dispose of wastes as below. Place any leaking container into a similar drum or glass container. Do not store, use, pour or spill near heat or open flame.  
**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then triple rinse with water, or by other procedures approved by state and local authorities. **PLASTIC CONTAINERS:** Triple rinse (or equivalent). Then offer for recycling, or puncture and dispose of in a sanitary landfill, or by burning, if it is a sanitary landfill or incineration, or if allowed by state and local authorities, by burning, if it is burned, stay out of flame.

**INDOOR USE AS A SPACE SPRAY UNDILUTED:** The use of this product in food processing or food handling establishments should be confined to time periods when the plants or facilities are not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Apply at a rate of 1/2 ounce per 1,000 cubic feet of space. Direct the spray toward the ceiling and upper corners of the area behind obstructions. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary. Sweep up and destroy fallen insects.

This method of application will control exposed accessible stages of FLIES (including FRUIT FLIES), MOSQUITOES, SMALL FLYING GNATS, WASPS, HORNETS, HORNETS, CLOVER MITES, CHEESE MITES, CHEESE SKIPPERS, BOXELDER BUGS, EARWIGS, ANTS and the following common stored product pests: GRANARY WEEVILS, RICE WEEVILS, CONFUSED FLOUR BEETLES, SAW-TOOTHED GRAIN BEETLES, SPIDER BEETLES, CIGARETTE BEETLES, DRUGSTORE BEETLES, ANGOUMOIS GRAIN MOTHS, MEDITERRANEAN FLOUR MOTHS, INDIAN MEAL MOTHS, TOBACCO MOTHS, YELLOW MEALWORMS, DARK MEALWORMS, GRAIN MITES, CADELLES, AND RED FLOUR BEETLES.  
DRIED FRUIT PRODUCTS in storage or being processed, for control of CONFUSED FLOUR BEETLES, DRIED FRUIT BEETLES, INDIAN MEAL MOTHS, AND SAW-TOOTHED GRAIN BEETLES: Remove and destroy infested products. As noted above, disperse this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use 1/2 ounce per 1,000 cubic feet of space. Repeat application at this dosage in any given month. Leave the room closed for one hour. Do not remain in treated area and ventilate the area before re-entry. Sweep up and destroy fallen insects. **STORED FOOD:** (Stored in multi-wall bags or cloth bags) in pest-infested storage rooms, flour, milk, grain, oil, and other stored products: For control of ANGOUMOIS MOTHS, CADELLES, CONFUSED FLOUR BEETLES, INDIAN MEAL MOTHS, MEDITERRANEAN FLOUR MOTHS, RICE WEEVILS, SAW-TOOTHED GRAIN BEETLES, YELLOW MEALWORMS, CHEESE MITES, CHEESE SKIPPERS, CIGARETTE BEETLES, GRANARY MITES, GRANARY WEEVILS, DARK MEALWORMS, RED FLOUR BEETLES: Remove and destroy infested products. As noted above, disperse this product freely by directing spray into corners, under pallets, and around stacks of packaged goods hitting as many insects as possible and then treat as a space spray. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of one-half ounce per 1,000 cubic feet of space. Do not remain in treated area, and ventilate area before re-entry. This application will kill accessible, exposed stages of those stored product pests listed above. Sweep up and destroy fallen insects.

**CONTACT AND SURFACE SPRAY:** For the control of roaches dilute 12.3/4 ounces to make one gallon of finished solution in oil. Use a good sprayer adjusted to deliver a coarse, wet spray. Direct the spray into hiding places, cracks and crevices under pallets, around containers of stored foods, around bases of machinery, behind shelves and drawers. Spray roaches directly whenever possible. Repeat application as necessary.

**Directions for use (Continued)**  
**INDOOR USE AS A SPACE SPRAY, DILUTED:** For use in conventional mechanical fogging equipment to kill FLIES, FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS, AND GNATS: Cover or remove exposed food and food handling surfaces. Close room and shut off all conditioning or ventilating system equipment. Dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at the rate of 1 to 2 fluid ounces per 1,000 cubic feet of space above the animals. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when infestation occurs.  
**SURFACE SPRAY:** To insure maximum control of crawling insects (ANTS, BOXELDER BUGS, CLOVER MITES, DRUGSTORE BEETLES, EARWIGS, LICE, SPIDERBEETLES), dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well and apply as a coarse wetting spray using approximately 1 gallon of spray mixture to 750 square feet of surface. Spray walls, floor and other surfaces of bins and storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Treat unloading, handling and processing areas and inside conveying processing and handling equipment. Spray insects directly when possible. For in transit protection, clean and spray truck beds, boxcars, and ship's hold before loading. Thoroughly treat walls and floors and lightly spray each layer of cartons as stacked.

To control INDIAN MEAL MOTHS, and ANGOUMOIS GRAIN MOTHS in stored grain, apply to the surface of binned grain at the rate of 1 gallon per 1,000 square feet. Apply at monthly intervals with the first appearance of moths and continuing until early fall. In case of severe infestation, break up webbing with rake before spraying and make a second application in two weeks.  
As an aid in control of MOSQUITOES, GNATS, WASPS, AND SKIPPERS: treat walls, ceilings, mouldings, screens, door and window frames, beams, light cords and similar nesting places.  
**ANIMAL QUARTER USE** (Cattle barns, horse barns, poultry houses, swine houses, zoos): As a space spray diluted for use in conventional mechanical fogging equipment to kill FLIES, MOSQUITOES, SMALL FLYING MOTHS, AND GNATS, dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at the rate of 2 fluid ounces per 1,000 cubic feet of space above the animals. Direct spray toward the upper portions of the enclosure filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when infestation occurs.

**IN MUSHROOM PRODUCTION AND PROCESSING:** To control MUSHROOM FLIES or FUNGUS GNATS in growing houses, dilute 1 part concentrate plus 29 parts Methylene Chloride and mix well and apply at a rate of 1 ounce per 1,000 cubic feet of space. Fogger should be operated 8 to 10 feet away from beds and should be directed slightly upward over them. Circulating fans should be left in operation but for best results, refrigeration should be turned off. In packaging and canning plants, use at a rate of one half ounce per 1,000 cubic feet of space.  
**FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS:** Dilute one part concentrate with three parts base oil (refined kerosene) and use with a ULV spraying device at the rate of one ounce per 1,000 cubic feet of room space. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Repeat as necessary for the control of exposed or accessible stages of ROACHES, SILVERFISH, WATERBUGS, EARWIGS, ANTS, SPIDERS, FLIES, FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS AND GNATS. After space spraying in these areas, wash thoroughly all facilities and equipment with an acceptable detergent solution and then rinse with potable water to remove all traces of contamination. All food processing surfaces and utensils should be covered during treatments or thoroughly cleaned before use.

**OUTDOOR GROUND APPLICATION, UNDILUTED:** To control ADULT MOSQUITOES, GNATS AND SMALL FLYING MOTHS. For best results apply when there is a light breeze of approximately 5 mph and temperature is cool (75° or less). With a ULV spraying device spray at a dosage rate of 5 ounces per minute up-wind of the area to be controlled. If the equipment is truck mounted, keep the speed to approximately 5 mph with a swath width of no more than 300 feet.  
To control MOSQUITO LARVAE, dilute at the rate of 15 ounces per 50 gallons oil and apply at the rate of 20 to 25 gallons per acre. Apply as a coarse wetting spray to the border or on shallow water of wet lands, swamps, and marshes where mosquito larvae are known to breed.

**TEMPORARY REDUCTION OF ANNOYANCE FROM FLIES, MOSQUITOES AND SMALL FLYING MOTHS OUTDOORS.** The afore-mentioned application for outdoor ground application will afford temporary reduction of annoyance from these pests in public gathering places (drive-in restaurants, drive-in theatres, golf courses, municipalities, parks, playgrounds and recreational areas). Direct application into tall grass, shrubbery and around lawns where these pests may hover or rest, apply while air is still. Avoid wetting foliage. Application should be made prior to attendance. Repeat as necessary. In additional outdoor areas (corrals, feed lots, swine lots and zoos), cover water, drinking fountains, and animal feed bays. Fill area with mist, directing application into tall grass, shrubbery and around lawns where these pests may hover or rest; apply while air is still. Avoid wetting foliage in zoos, avoid exposure of reptiles to the product. Repeat as necessary.

**FOR USE ON ANIMALS:** To protect beef and dairy cattle, horse and dogs from HORN FLIES, HOUSE FLIES, MOSQUITOES, AND GNATS, dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply a light mist, sufficient to wet the tips of the hair. To control STABLE FLIES, HORSE FLIES, AND DEER FLIES on beef and dairy cattle and horses, apply 2 ounces per adult animal, sufficient to wet the hair but not to soak the hide. Repeat treatment once or twice daily or at intervals to give continued protection. To control the mobile stages of BLOOD SUCKING LICE on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 2 ounces or less per animal and repeat 2 to 3 weeks as required.