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Nick Sanchez
Prentiss Drug & Chemical
Co., Inc.
363 7th Avenue
New York, NY 10001

Dear Mr. Sanchez:

Subject: Prentox Allethrin Mosquito Adulticide
For ULV Foggers
EPA Registration No. 655-662
Your Letter of July 28, 1983

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

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. In the "Storage" statement, delete the sentence "Dispose of onto a shovel and put the sweepings into a salvage drum."
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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 bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

Timothy A. Gardner
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (58-767C)

PHS
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Enclosure

TS-767C/T.GARDNER/DCR-17434/WANG/DBL/AC/10/83/INVENT/479-201310/12/83

SYMBOL ▶								
SUBNAME ▶								
DATE ▶								

prenox[®] ALLETHRIN OIL CONCENTRATE #525

FOR USE BY TRAINED PERSONNEL ONLY.

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

ACTIVE INGREDIENTS:

ALLETHRIN	5.00%
RELATED COMPOUNDS	0.56%
PIPERONYL BUTOXIDE TECHNICAL*	25.00%
MINERAL OIL	69.44%
TOTAL	100.00%

Consists of 20% (Butylcarbityl) (6-propylpiperonyl) Ether and 5% related compounds

BEST DOCUMENT AVAILABLE

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Give a glass of milk or water. Do not induce vomiting because of aspiration hazard. Get immediate medical attention.
IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.
IF ON SKIN: Wash off with soap and water.

E.P.A. Reg. No. 855-863
E.P.A. Est. No. 855-GA-1

NET CONTENTS _____ gal. **LOT #** _____

PRENTOX PYRONYL OIL CONCENTRATE #525 is effective in the control of the below-listed insects if the applicator follows the directions for use as set forth in this label.

<p>ANGOUMOIS GRAIN MOTHS ANTS BOXELDER BUGS CADELLES CHEESE MITES CHEESE SKIPPERS CIGARETTE BEETLES CLOVER MITES CONFUSED FLOUR BEETLES DARK MEALWORMS DEER FLIES DRIED FRUIT BEETLES</p>	<p>DRUGSTORE BEETLES EARWIGS FRUIT FLIES (DROSOPHILA) FUNGUS GNATS GNATS GRAIN MITES GRANARY WEEVILS HORN FLIES HORNETS HORSE FLIES HOUSE FLIES INDIAN MEAL MOTHS</p>	<p>LICE MEDITERRANEAN FLOUR MOTHS MOSQUITOES MUSHROOM FLIES RED FLOUR BEETLES RICE WEEVILS SAW TOOTHED GRAIN BEETLES SMALL FLYING MOTHS SPIDER BEETLES STABLE FLIES TOBACCO MOTHS WASPS YELLOW MEALWORMS</p>
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Manufactured by

prentiss

Plant: 338 Wilson Avenue
Newark, N.J. 07105

BEST DOCUMENT AVAILABLE

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Do not apply directly to food.
 The use of this product in food processing or food handling establishments should be confined to brief periods when the plants or facilities are not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be cleaned during treatment or thoroughly cleaned before using.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

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.
PESTICIDE DISPOSAL: Pesticide spray mixture of this water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.
CONTAINER DISPOSAL: These lines (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.

INDOOR USE AS A SPACE SPRAY UNDILUTED: Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray of 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 all insects.

This method of application controls exposed access to stages of FLIES (including FRUIT FLIES), MOSQUITOES, SMALL FLYING MOTHS, GNATS, WASPS, 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, expose the product as a fine mist in the air above the trays and shelves. Do not apply to food directly. Use one-half ounce per 1,000 cubic feet of space. Repeat application in 30 days if necessary. Seal the room closed for one hour. Do not remain in treated areas and ventilate the area before reentry. Sweep up and destroy all insects.

STORED FOOD (Stored in bulk, in bags or cloth bags, in warehouses, etc. age rooms, flour mills, grain elevators, granaries) for control of ANGOUMOIS GRAIN 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, GRAIN MITES, GRANARY WEEVILS, DARK MEALWORMS, RED FLOUR BEETLES. Remove and destroy infested products. As noted above, disperse the product first by directing spray into corners, under pallets and around stacks of packaged foods having 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 areas and ventilate area before reentry. This application will not access the exposed stacks of infested stored product pests listed above. Sweep up and destroy all insects.

INDOOR USE AS A SPACE SPRAY DILUTED: Use in food processing establishments for control of FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS, GNATS, WASPS, HORNETS, HORSE FLIES, HOUSE FLIES, INDIAN MEAL MOTHS, TOBACCO MOTHS, YELLOW MEALWORMS, DARK MEALWORMS, GRAIN MITES, CADELLES and RED FLOUR BEETLES.

DIRECTIONS FOR USE:

for at least 15 minute reoccupying. Repeat the SURFACE SPRAY: To the BOXELDER BUGS, CLOLICE SPIDER BEETLES; berosses) and mix with approximately 1 gallon of water. Treat thoroughly, being especially thorough in hiding places. Treat while conveying processing or the base of heavy machinery.

For in transit protection, hold before loading. The of cartons or containers. To control INDIAN MEAL stored grain, apply to the 100+ square feet. Apply moths and continuing un webbing with rake before weeks.

As an aid in control of M treat walls, ceilings, me light cords and similar M IN MUSHROOM PRO MUSHROOM FLIES or F concentrate plus 20 per rate of 1 ounce per 1,000 10 feet away from beds. Circulating fans should refrigeration should be at rate of one-half ounce per

FOR USE IN FEDERAL: Dilute one part concentrate with 20 parts of water in room space. Apply the walls, floors, underneath insects shelter. Contact for control of exposed WATERBUGS, EARW MOSQUITOES, SMALL exposed food products removed. After use, equ potable water before od when plant is not in oper

OUTDOOR GROUND: MOSQUITOES, GNATS apply when there is a light cool (75° or less). Use ounces per minute up to much mounted. Keep the of no more than 300 feet

To control MOSQUITO of or and apply at the r wetting spray to the bor marines where mosqu

TEMPORARY REDUCI and SMALL FLYING application for outdoor of annoyance from in restaurants, drive-in playgrounds and recre shrubbery and around where a fire still. Avoid w attendance. Repeat as n in additional outdoor or water, drinking fountain directing application in these pests may have 2005 and exposure of **FOR USE ON HORSES:** FLIES, HOUSE FLYE concentrate plus 45 ca ml. 50% ethanol sol FLIES and DEER F

prentiss® ALLETHRIN OIL CONCENTRATE #525

FOR USE BY TRAINED PERSONNEL ONLY.

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

ACTIVE INGREDIENTS:

ALLETHRIN	6.00%
RELATED COMPOUNDS	0.56%
PIPERONYL BUTOXIDE TECHNICAL*	25.00%
MINERAL OIL	69.44%
TOTAL	100.00%

Consists of 20% (Butylcarbityl) (6-propylpiperonyl) Ether and 5% related compounds

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Give a glass of milk or water. Do not induce vomiting because of aspiration hazard. Get immediate medical attention.
IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.
IF ON SKIN: Wash off with soap and water.

E.P.A. Reg. No. 655-663
E.R.A. Est. No. 655-GA-1

NET CONTENTS _____ gal. LOT # _____

PRENTOXPYRONYL OIL CONCENTRATE #525 is effective in the control of the below-listed insects if the applicator follows the directions for use as set forth in this label.

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|------------------------|--------------------------|---------------------------|
| ANGOUMOIS GRAIN MOTHS | DRUGSTORE BEETLES | LICE |
| ANTS | EARWIGS | MEDITERRANEAN FLOUR MOTHS |
| BOXELDER BUGS | FRUIT FLIES (DROSOPHILA) | MOSQUITOES |
| CADELLES | FUNGUS GNATS | MUSHROOM FLIES |
| CHEESE MITES | GNATS | RED FLOUR BEETLE* |
| CHEESE SKIPPERS | GRAIN MITES | RICE WEEVIL |
| CIGARETTE BEETLES | GRANARY WEEVILS | SAW TOOTHED GRAIN BEETLES |
| CLOVER MITES | HORN FLIES | SMALL FLYING MOTHS |
| CONFUSED FLOUR BEETLES | HORNETS | SPIDER BEETLES |
| DARK MEALWORMS | HOUSE FLIES | STABLE FLIES |
| DEER FLIES | HOUSE FLIES | TOBACCO MOTHS |
| DRIED FRUIT BEETLES | INDIAN MEAL MOTHS | WASPS |
| | | YELLOW MEALWORMS |



Manufactured by

prentiss

Plant: 338 Wilson Avenue
Newark, N.J. 07105

DIRECTIONS FOR USE (Cont'd.)

For at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

SURFACE SPRAY: To insure maximum control of crawling insects (ANTS, BOXELDER BUGS, CLOVER MITES, DRUGSTORE BEETLES, EARWIGS, LICE, SPIDER BEETLES) dilute 1 part concentrate plus 20 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 other hiding places. Treat unloading, handling and processing areas and inside conveying processing and handling equipment. Spray thoroughly around the base of heavy machinery and 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 spray each layer of cartons or containers lightly as stacked.

To control INDIAN MEAL MOTHS and ANGOUMOIS GRAIN MOTHS in stored grain, apply to the surface of binned grain at a 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, mezzanine screens, door and window frames, beams, light cords and similar resting places.

IN MUSHROOM PRODUCTION AND PROCESSING: To control MUSHROOM FLIES or FUNGUS GNATS in growing houses dilute 1 part of concentrate plus 20 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 base 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 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 5 parts base oil (refined kerosene) and use with the 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, as floors, underneath sinks, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Repeat as necessary for control of exposed or accessible stages of ROACHES, SILVERFISH, WATERBUGS, EARWIGS, ANTS, SPIDERS, FLIES, FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS AND GNATS. Before using exposed food products and packaging materials must be covered or removed. After use, equipment and utensils must be thoroughly rinsed with potable water before operations are resumed. Use as a space spray only when plants are not in operation.

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 3 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 the rate of 20 ounces per 50 gallons of oil and apply at the rate of 20 to 25 gallons per acre. Apply as a coarse wetting spray to the banks or on shallow water of wetlands, swamps and marshes where mosquito larvae are known to breed.

TEMPORARY REDUCTION OF ANNOYANCE FROM FLIES, MOSQUITOES AND SMALL FLYING MOTHS OUTDOORS: The above mentioned application for outdoor ground application will afford temporary reduction of annoyance from these pests in public gathering places, lawns in restaurants, drive-in theaters, golf courses, municipalities, parks, playgrounds and recreational areas. Direct application into tall grass, shrubbery and around leaves where these pests may hover or rest; apply with a sprayer. Avoid wetting foliage. Application should be made prior to the dusk. Repeat as necessary.

In additional outdoor areas (corridors, food lots, service lots and zoos) cover water, drinking fountains and animal feed before use. Fill area with mist (direct application into tall grass, shrubbery and around leaves where these pests may hover or rest) apply with a sprayer. Avoid wetting foliage. Avoid exposure of reptiles to the product. Repeat as necessary.

FOR USE ON HORSES OR DOGS: To protect horses and dogs from HORSE LICE, HOUSE FLIES, MOSQUITOES AND GNATS dilute 1 part of concentrate plus 40 parts of refined kerosene and mix well. Apply a light mist to the animal with a sprayer. To control STABLE FLIES, HORSE LICE, HOUSE FLIES, MOSQUITOES AND GNATS apply 2 ounces per adult or per 100 lbs of animal weight. Repeat treatment as necessary.

... to food
...ing establishments
... facilities are not in
... treatment. All food
... should be thoroughly
...
... to fish. Keep out of
... water by cleaning of
...
... manner inconsistent

MOSAL
...
... be used according to
... Federal or approved
... Conservation and
...
... of conditioning or
... her appearance state and

... Close windows and
... vaporizer adjusted to
... in a minute and 80%
... per 1,000 cubic feet of
... per corners of the area
... 15 minutes. Vacate the
... Repeat treatment as

... possible stages of FLIES
... ALL FLYING MOTHS
... CHEESE MITES, CHEESE
... U.S. RICE WEEVILS
... GRAIN BEETLES
... STORE BEETLES
... FLOUR MOTHS
... MEALWORMS
... RED FLOUR

... prepared for control of
... ETLES, INDIAN MEAL
... Remove and destroy
... ducted a fine mist in the
... directly. Use one half
... with a dosage many
... not remain in treated
... up and destroy larvae

... in warehouses
... stored for control of
... CONFUSED FLOUR
... FLOUR MOTHS
... BEETLES, YELLOW
... CIGARETTE
... MEALWORMS
... products. As noted
... into corners, under
... as many insects as

... treated by other effective
... this purpose. Use a
... space. Do not remain
... the applicator until it
... parts listed above

... Use in conjunction with
... HOUSE FLIES,
... and other insects

BEST DOCUMENT AVAILABLE

DOCUMENT AVAILABLE

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 victim to fresh air. Apply artificial respiration if indicated.
- 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.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

BEST DOCUMENT AVAILABLE

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LEFT PANEL

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed. Keep out of reach of children. Avoid breathing spray mist. Avoid skin and eye contact. Wash thoroughly after handling and before eating or smoking.

Do not allow children or pets to contact treated surfaces until spray has dried. Do not use on plants. Do not allow spray to contact food, foodstuffs, or water supplies. Thoroughly wash dishes and food handling utensils contaminated with this product. Remove pets and cover fish bowls before spraying.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams and ponds. 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 heat or open flame. Exposure to temperatures above 130°F may cause bursting.