

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

14955-18

DATE OF ISSUANCE  
DEC 18 1985

TERM OF ISSUANCE

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Jefcide 112

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Jefco Laboratories, Inc.  
618 West Jackson Boulevard  
Chicago, IL 60606

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 sec. 3(c)(7)(A) 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. Add the phrase "EPA Registration No. 14955-18" to your label before you release the product for shipment.
3. 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.

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.

Timothy A. Gardner  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (75-767)

Enclosure

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

12-18-85

ACCEPTED  
with COMMENTS  
in EPA Letter 10/10/85

# JEFCIDE 112

DEC 18 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide use on poultry plants, EPA Reg. No. 14955-18

FOR USE BY TRAINED PERSONNEL ONLY

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

### ACTIVE INGREDIENTS:

Pyrethrins .....	5.00%
Piperonyl Butoxide, Technical <sup>1</sup> .....	25.00%
Mineral Oil .....	50.00%
Petroleum Distillates .....	20.00%
<b>TOTAL: 100.00%</b>	

<sup>1</sup>Consists of 20% (Butylcarbityl)(6-propoxyperonyl) ether and 5% 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 victim 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 BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

### 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, feedstuffs 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 wildlife. Do not apply directly to lakes, ponds or streams. 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.

E.P.A. REG. NO.

E.P.A. EST. NO.

NET CONTENTS

LOT NO.

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

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 — DRUGSTONE BEETLES — EARWIGS — FRUIT FLIES (DROSOPHILA) — FUNGUS GNATS — GNATS — GRAIN MITES — GRANARY WEEVILS — HORN FLIES — HORNETS — HORSE FLIES — HORNETS — HORSE FLIES — HOUSE FLIES — INDIAN MEAL MOTHS — 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

Manufactured By

JEFCO LABORATORIES, INC.

### DIRECTIONS FOR USE (Cont'd.)

kerosene) and mix well and apply as a approximately 1 gallon of spray mixture to 7 walls, floors and other surfaces of bins and thoroughly, being especially careful to treat hiding places. Treat unloading, handling and conveying processing and handling equipment the base of heavy machinery and equipment possible.

For in transit protection, clean and spray truck before loading. Thoroughly treat walls and cartons or containers lightly as stacked.

To control INDIAN MEAL MOTHS, and AN stored grain, apply to the surface of binned grain square feet. Apply at monthly intervals with continuing until early fall. In case of severe infestation rake before spraying and make a second application. As an aid in control of MOSQUITOES, GNATS, walls ceilings, mouldings, screens, door and cords and similar resting places.

ANIMAL QUARTER USE (Cattle barns, horse houses, zoos): As a space spray diluted for fogging equipment to kill FLIES, MOSQUITOES AND GNATS, dilute 1 part concentrate plus and mix well. Apply at the rate of 2 fluid ounces above the animals. Direct spray towards the ceiling of the room. Keep area closed and ventilate before reoccupation.

IN MUSHROOM PRODUCTION AND MUSHROOM FLIES or FUNGUS GNATS in of concentrate plus 49 parts Methylene Chloride rate of 1 ounce per 1,000 cubic feet of space. Feet away from beds and should be direct. Circulating fans should be left in operation. Refrigeration should be turned off. In packaging rate of one-half ounce per 1,000 cubic feet.

FOR USE IN FEDERALLY INSPECTED MEAT: Dilute one part concentrate with 5 parts base with a ULV spraying device at the rate of one ounce per 1000 cubic feet of space. Apply the spray into all cracks, walls, floors, underneath sinks, behind pipe insects shelter. Contact many insects as possible. Control of exposed or accessible stages of WATERBUGS, EARWIGS, ANTS, SPIDERS, TOES, SMALL FLYING MOTHS AND GNATS. Products and packaging materials must be removed and equipment and utensils must be thoroughly cleaned before resumed use as a space spray operation.

OUTDOOR SPACE APPLICATIONS, U MOSQUITOES, GNATS AND SMALL FLYING MOTHS: when there is a light breeze of approximately 1 to 2 mph (75% or less). With a ULV spraying device spray for 10 to 15 minutes up-wind of the area to be controlled. Repeat application once or twice daily if necessary. Application should be made prior to attendance.

TEMPORARY REDUCTION OF ANNOYANCE AND SMALL FLYING MOTHS OUTDOORS: for outdoor ground application will afford relief from these pests in public gathering places, theaters, golf courses, municipalities, parks and areas. Direct application into tall grass, shrubs, etc. these pests may hover or rest, apply while air is still. Avoid exposure of reptiles to the product.

FOR USE ON ANIMALS: To protect beef cattle from HORSE FLIES, HOUSE FLIES, MOSQUITOES, and DEER FLIES, apply a fine mist, sufficient to wet the tips of the ears, nose and face. Repeat treatment once or twice daily as needed. Application should be made prior to attendance.

In additional outdoor areas (corrals, feed water, drinking fountains and animal feed troughs) apply the spray to tall grass, shrubs, etc. these pests may hover or rest, apply while air is still. Avoid exposure of reptiles to the product.

FOR USE ON ANIMALS: To protect beef cattle from HORSE FLIES, HOUSE FLIES, MOSQUITOES, and DEER FLIES, apply a fine mist, sufficient to wet the tips of the ears, nose and face. Repeat treatment once or twice daily as needed. Application should be made prior to attendance.

#### DIRECTIONS FOR USE

It is 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 and disposal. Open dumping is prohibited.

**STORAGE:** If container is damaged. Stop any leaks by repositioning the container or by patching or otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. Once clean up 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 on to 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 offer for recycling, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

**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 60% 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.

The method of application will control exposed, accessible stage 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, MOTHS, MEDITERRANEAN FLOUR MOTHS, INDIAN MEAL MOTHS, TOBACCO MOTHS, YELLOW MEALWORMS, DARK MEALWORMS, GRAIN MITES, CADELLES and RED FLOUR BEETLES.

**DRYED 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 one-half 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 areas and ventilate the area before re-entry. Sweep up and destroy fallen insects.

**STORED FOOD:** (Stored in multi-wall bags or cloth bags) in warehouses, storage 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 for dusting 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 fluid ounce per 1,000 cubic feet of space. Do not remain in treated areas 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.

**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 air conditioning or ventilating system equipment. Dilute 1 part concentrate plus 49 parts of 1 (refined kerosene) and mix well. Apply at the rate of 1 to 2 fluid ounces per 1,000 cubic feet filling the room with mist. Keep area closed 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, RICE WEEVILS, SAW-TOOTHED GRAIN BEETLES. Dilute 1 part concentrate plus 49 parts of refined