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4816-442

### F 8 MAR 1996

Ms. Sharon M. Johnston Registration Specialist AgrEvo Environmental Health 95 Chestnut Ridge Road Montvale, NJ 07645

Dear Ms. Johnston,

Subject: Multi-Purpose Pyrenone Insecticide Concentrate

EPA Reg. No. 4816-442

Your letter of November 6, 1995

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

In response to your request for a reconsideration of the tox categories for acute inhalation and eye irritation, we have reclassified the tox categories as follows: acute inhalation--tox category IV eye irritation--tox category IV For this reason, it is acceptable to exclude from the product label the precautionary statements and statements of practical treatment for inhalation and eye irritation.

The If Swallowed Statement of Practical Treatment must be amended to read as follows:

If Swallowed: Contact a physician or Poison Control Center. Do not induce vomiting. Do not give anything my mouth to an unconscious person. Avoid alcohol.

The Precautionary Statements must be modified to read as follows:

Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

The Directions for Use relating to dilution with oil must clarify that the oil must be approved for use in food handling establishments

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We believe that a respirator is necessary for indoor application when ventilation is shut off and windows and doors are closed. The Directions for use must be modified to read as follows:

Applicators must wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

If you have questions, please call Ann Sibold at 703 305-6502.

Sincerely,

RPK

Richard P. Keigwin, Jr.
Product Manager 10
Insecticide & Rodenticide Branch
Registration Division (7505C)

## MULTI-PURPOSE PYRENONE® INSECTICIDE CONCENTRATE

EPA Reg. No. 4816-442

EPA Est. No.

- \* A Highly Versatile Pyrenone Concentrate
- \* May Be Diluted With Either Water or Oil
- \* For Use In Bakeries, Bottling Plants, Canneries, Flour Mills, Food Processing Plants, Grain Elevators, Hospitals, Hotels, Motels, Restaurants and Outdoors For Mosquito Control

#### **ACTIVE INGREDIENTS:**

Pyrethrins	1.0%
*Piperonyl Butoxide, Technical	
HNERT INGREDIENTS:	89.0%
	100.0%

\*Equivalent to min. 8.0% (butylcarbityl) (6-propylpiperonyl) ether and to 2.0% related compounds.

†Contains petroleum distillate

Pyrenone is a registered trademark of AgrEvo Environmental Health, Inc.

# KEEP OUT OF REACH OF CHILDREN CAUTION

### STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Contact a physician or Poison Control Center. Do not induce vomiting. This product contains petroleum distillate: Aspiration may be a hazard. Do not product anything by mouth If On Skin: Wash with plenty of soap and water. Get medical attention if necessary.

See rear panel for additional precautions

6 to anunconscious person. Avoidational.

**NET CONTENTS:** 

AgrEvo Environmental Health 95 Chestnut Ridge Road Montvale, NJ 07645

Applicators must wear a dast/mist filtering respirator (MSHA/NICSH approval number TE-210).

ACCEPTED WITH COLLIENTS

In EPA Letter Dated

F 8 MAR 1998

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Har mful if absorbed through the skin.

Wash thoroughly with scapunium terafter hundling

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMAN & DOMESTIC ANIMALS
CAUTION

Avoid contact with skin and clothing. (Prolonged er-repeated skin contact may eause allergic reactions in some individuals. Ill gentact occurs, flush skin with planty of water. Wash hands after using. Remove pets, birds and cover fish aquaria before spraying.

Do not apply as a space spray while food processing is underway. Except in Federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the direction and precautions given above, food processing operation may continue. Do not apply at any time as an undiluted space spray in edible product areas of Federally inspected meat and poultry plants. Foods should be removed or covered before treatments. Food processing surfaces and equipment must be covered during treatment or cleaned with a suitable detergent and insect with potable water before reuse.

When using in animal quarrers, do not apply directly to food, water or food supplements. Wash teats of dairy animals before milking.

#### **ENMRONMENTAL HAZARDS**

This product is toxic to fish. For terrestrial uses, 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 contaminate water by cleaning of equipment or disposal of equipment washwater. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where triese are important resources.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not apply this product near electrical equipment due to the possibility of shock hazard.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, on golf courses or lawns and grounds.

Only approved cits may be used in real handling costablishment. This concentrate is designed to be diluted with water or oil before use. The resulting spray solution should be applied using good mechanical or compressed air togging equipment.

Food additive tolerances have been established for the insecticide components in this product. When this product is used as directed, allowable tolerance levels will not be exceeded.

 $\underline{\mathsf{INDOOR}}$  APPLICATION: Remove pets, birds, and cover fish aquaria before spraying  $_{\mathbf{r}\mathbf{k}}$ 

To control exposed stages of House Ries, including Fruit Ries, Mosquitoes, Gnats, Clustor Ries, and Flying Moths, dilute 1 part concentrate in 19 parts water or oil (6.1/2 ounces per gallon or 5 gallons por 100). Close doors and windows and shut off ventilating systems. Apply as a log or fine mist directing the spray toward the upper portions of the room and toward windows and other light sources which attract these insects. Thoroughly fill the area with mist using 1 to 2 ounces per 1000 cubic feet. Keep area closed for 10 minutes or more. Vacate after treatment and ventilate before reoccupying. Do not apply white food processing is underway. Repeat treatment as needed.

For initial clean out of infestations of Cockroaches, Arits, Spiders, PSiNeffsh, Earwigs, Palmetto Bugs, Waterbugs, Firebrats, FlatiBoedics, Crickets, Boxedor Bugs, Scorpions, and Clover Mites: dilute 1 part concentrate in 4 parts water or oil. Apply as a coarse droplet surface spray using approximately 1 gallon to 750 square foot. Spray thoroughly all surfaces, where these insects are usually found including walls, baseboard moldings, doors, cabinuts, shelves, sinks and pipes, with special attention to cracks and crevices, niches, dark

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reinfestation occurs, repeat treatment using a dilution of 1 part concentrate plus 9 parts water or oil and apply at a rate of 1 gallon to 750 square feet.

IN MILLS, ELEVATORS AND GRANARIES: For rapid initial kill of exposed or accessible stages of Granary Weevil, Rice Weevil, Confused Flour Beetle, Rust Red Flour Beetle, Cadelle, Sewtoothed Grain Beetles, Spider Reetle, Dried Fruit Beetles, Dark Meel Worms, Dermestid Beetles, Bean Weevils, Cheese Mites, and Grain Mites: dilute at a rate of 1 part concentrate to 9 parts water or oil. Clean out any waste grain, dust, dirt or debris and destroy before spraying. Apply as a coarse droplet spray using approximately 1 gallon to 750 square feet of surface.

infested stored products should be furnigated or treated by other effective methods using an approved product intended for this use.

in mills, elevators, and grananes, thoroughly spray floors, walls and other surfaces of bins, storage and handling areas with particular attention to cracks, crevicas, and simila, protected locations. Treat unloading, handling and processing areas, and apply the insecticide to conveying, processing and handling equipment, such as the inside of reel conveyors, purifier conveyors, sitters, roll housings and hoppers, pick up conveyors, etc. Spray thoroughly around the base of heavy machinery and equipment. Thoroughly treat walls, floors shelves, and other exposed surfaces, and lightly spray each layer of cartons or containers as stacked.

Sack surfaces of bagged grain can be sprayed lightly until slightly moist.

For protection in transit, treat truck beds, box cars, and ships' holds before to 3. Using a dilution of 1 part concentrate in 9 parts water, apply at a rate of 3 allon to 750 square feet of surface with particular attention to cracks, crevices, and similar hiding places.

To control exposed accessible stages of Indianmeal Moth and Angoumois Grain Moth in stored grain: dilute 1 part of concentrate in 4 parts of water and apply to the surface of the binned grain at a rate of 2 gallions per 1000 square feet (1.6 pints per 100 square feet). Apply at monthly intervals beginning with the first appearance of moths and continuing until early fail. In case of severe infestation, breakup webbing with rake before spraying and make a second application in two weeks.

ON LIVESTOCK: To control Horn Flies, House Flies, Mosquitoes, and Gnats, dilute at the rate of 1 part concentrate to 39 parts water and apply to wet the hair thoroughly, with particular attention to the topline, underline, flanks, withers, and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are emerging in large numbers.

To control Stable Flies, Horse Flies, and Deer Flies, difute 1 part concentrate to 9 harts water and apply a quart per adult animal to wet the hair thoroughly will ricular attention to the topline, underline, flanks, withers, and other body areas commonly attacked by these flies. Repeat treatment each week or as needed. To control Face Flies, dilute 1 part concentrate to 9 parts water. Use a spray which produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face but not more than 1 1/2 ounces per animal. Repeat daily as needed.

For effective control of motile stages of (biting) Yellow Lice and (sucking) Blue Lice on cattle, horses, sheep, goats, and hogs, dilute this concentrate at a rate of 1 part in 100 parts water. Spray to thoroughly wet the hair of the animal including the head and brush the tail. Repeat treatment in 10 days to kill newly hatched lice.

To control Poultry Lice using a dilution of 1 to 100 in water, dip birds by submerging in a barrel, tank or tub of the solution, holding the wings away from the body to insure thorough wetting of all infested areas. In order to avoid chilling the fowls, dip them on a warm day or in a warm building.

For control of Bodbugs and Mittes in poulitry houses, dilute 1 part of concentrate with 9 parts water and spray rirevices of roost poles, cracks in walls, and cracks in nests where the bedbigs and mittes hide.

To control Shoop "tick" or Kod, dilute at the rate of 1 part of concentrate to 100 parts of water and thoroughly wet all portions of the body by dipping or by spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal

To kill Fleas on livestock and pets and to obtain protection against reinfestation, dilute at 1 to 16 in water and wet the animal by dipping or spraying. For best results against fleas and ticks on dogs, the kennels or animal quarters and bedding should also be treated.

To control Spinose Ear Tick, dilute at the rate of 1 part water and apply by individual treatment, syringing or a into each ear of large animals or a few drops into the e.

u 4 perts ounces

IN BARNS, MILKING PARLORS, MILK ROOMS, AND ExhibeS: To control Flies, Mosquitoes and Grass, dilute at the rate of 1 part concentrate to 9 parts of water or oil and apply as a fog or fine mist, directing the spray toward the ceiling and upper corners until the area is filled with mist using about 2 ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying and keep them closed for ten to fifteen minutes. Vacate the treated area and ventilate before reoccupying. Repeat application as necessary.

MOSQUITO CONTROL OUTDOORS: To control Adult Mosquitoes, using ground application, dilute 1 part concentrate in 7 parts of water or oil. Apply as a fine mist or fog. Treat shrubbery and vegetation where mosquitoes may rest. Shrubbery and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated. Application of this product to any body of water is prohibited, when using for adult mosquito control. Repeat as necessary, usually once or twice a week.

With mobile or truck mounted equipment, apply a 400 foot swath, traveling at 15 mph, dispensing spray at a rate of 40 gallons per hour. Application using fixed-wing aircraft: Use 6 to 12 ounces of concentrate in 4 gallons of water per acre. To cont: 1 mosquito larvae, dilute 2 1/2 pints of concentrate in 5 gallons of oil and apply at a rate of 5 gallons per acre. Apply as a coarse wetting spray uniformly over wetlands, swamps, marshes, or shallow waters. Do not exceed this dosage or fish kill may result.

ORNAMENTALS: (African Violets, Asters, Azaleas, Begonias, Carnellias, Carnation, Chrysanthemums, Dahlias, Dogwood, Geraniums, Gladioli, Marigolds, Roses, Rubber Plants, Wandering Jews, etc.) to control Aphids, Flee Beetles, Leathoppers, Whiteflies, Japanese Beotles and Gypsy Moth Adults and Caterpillars.

<u>DROSOPHILA OR FRUIT FLY CONTROL</u>: Dilute at the rate of 6 parts concentrate with 1200 parts water (6 pints per 150 gallons or 6 tablespoonsful with 4 gallons water). Thoroughly mix the emulsion in the spray tank. Make treatments as follows:

- To protect tomatoes and fruits in baskets on trucks or in plants, use a product registered for this use such as Pyrenone Crop Spray, Code 2870.
- 2. Soray the raw stock stacked in the yard.
- Dip baskets in the diluted spray dumping the fruit to kill adhering larvae and pupae.
- 4. After washing and cleaning up the inside of the processing plant and just prior to bringing fruit into it, the entire space inside the cannery should be sprayed at a dilution of 6 parts concentrate to 59 parts water (6 pints with 7 gallons 3 pints water or 12 tablespoonsful with 3 1/4 pints water). At the rate of 1 gallon to 750 square feet (1 qt to 188 square feet) direct spray on walts ceilings, and floors, paying special attention to forcing spray into all cracks and crevices.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage 3. disposal

Pesticide Storage and Spill Procedures: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, ptc Dispose of with chemical waste.

Posticide Disposal: Wastes resulting from 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 reconditioning, or puncture and dispose of in a sanitary landid, or by incineration, or, if allowed by State and local authorities, by burning. If burning stay out of smoke

For Containers One Gallon and Smaller:

Storage: Store in original container in a cool dry place inaccessible to children and pets and away from heat and sunlight.

Disposal: Wrap container in several layers of newspaper and discard in trash

Notice: Buyer assumes all responsibility for safety and use not in accordance with directions.

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End-Use Product Name and EPA Reg. Number	2 Signal Word of End-Use Product	3 Acute Oral	4 Acute Dermal	5 Skin Irritation Potential	6 Eye Irritation Potential
	Caution	T	111	TU	TU
PRESTRICTED USE STATEMENT (if applicable)  BRAND NAME A Beginner seal of the bandus A Browner statement C Core company, if impaced Britanes and statement C Active company, if impaced C Activ	Chart strey p piles any ninks pily site.  EN I bed in the design and product of the money (Right of Lines of Lines) and the money (Right of Lines) and Lines of Lines	Personal Production Some material below. If you was a Color of the Col	RDS TO HUMANS  y Statements: [retain tective Equipment is that are chemical is that more options, it is on an EPA chemical individual individua	orbent materials ardinated with this procession of the instruction of	animals)  oduct are listed ons for category gory selection are and X B.  C.  that have X reduct's sturer's such ot water.
For instructions on how to us Worksheet, see PR Notice 93		<ul> <li>Users should</li> <li>Wash hand or using the</li> <li>Remove clothoroughly</li> <li>Remove Ploutside of</li> </ul>	ls before eating, dri	nking, chewing gun f pesticide gets ins othing, r handling this prod ving. As soon as po	ide. Then wash

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### aara Product Worksheet

### Part 1

Toxicity Category (I-IV)						Respirators					
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### **Worker Protection Stan**

7.18

			Product Id	entifica	ation
14 End-Use Product Name and EPA Reg. Number	15 Signal Word of End-Use Product		gano- sphate	17 N-Methyl Carbamate	
	·	N	)		no
	Active Ingredient  A Pycrethrin	16A M	۵	17A	no
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For instructions on how to use this Worksheet, see PR Notice 93-7.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

IF IN EYES

nesincled-Entry interval WPS Restricted -18 Existing 20 Entry Interval (REI) Arid Area REI Existing REI WP 21A 19A 20A 2 64 19B 21B 20B ,20 12 20C 21C 19C [Use only for products with multiple Al's] G.

### **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.

#### **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 pertaining to the statements on this label about personal protective equipment(PPE), notification to workers, 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

The REI is 72 hours in outdoor areas where average J rainfall is less than 25 inches a year.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with snything that has been treated, such as plants, soil, or water, is:

Notify workers of the application by warning them X orally and by posting warning signs at entrances to treated areas.

- · Chemical-resistant protective suit
- Coveralls over long-sleeved shirt and long pants
- · Coveralls over short-sleeved shirt and short pants
- Coveralls

2.	• Chemical-r	esistant gloves, suc	h as
1	or	0-	

- Waterproof gloves
- Chemical-resistant footwear plus socks
  - Shoes plus socks
- · Protective eyewear
  - Chemical-resistant headgear for overhead exposure

≂ Crაss-Out Zone

These are areas on the Product Worksheet where you may need to cross out words or statements