

DEC 11 1990

300/S-384363
17

Mr. H. R. McLane
H. R. McLane, Inc.
7210 Red Road
Suite 212A
Miami, Florida 33143

Dear Mr. McLane:

Subject: Label Amendment
Punt 57 OS
EPA Registration No. 42737-1
Your Submission Dated June 18, 1990

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely,

George T. LaRocca
Product Manager 15
Insecticide-Rodenticide Branch
Registration Division (H7505C)

enclosure

Valent 12-11-90

PUNT 57-OSTM

INSECTICIDE

A SYNTHETIC PYRETHROID FOR EFFECTIVE SPACE AND BARRIER CONTROL OF ADULT MOSQUITOES, GNATS, BITING AND NON-BITING MIDGES, BLACKFLIES AND OTHER BITING FLIES

FOR APPLICATION ONLY BY MOSQUITO ABATEMENT DISTRICTS, PUBLIC HEALTH OFFICIALS, AND TRAINED PERSONNEL OF OTHER MOSQUITO CONTROL PROGRAMS

ACTIVE INGREDIENT:

Permethrin: (3-phenoxyphenyl)methyl(+/-) cis/trans 3-(2,2-dichloroethenyl) 2,2-dimethyl cyclopropanecarboxylate . . . 57.00%

INERT INGREDIENTS: . . . 43.00%

Total 100.00%

Cis/trans isomer ratio min. 35%(+/-) cis and max. 65%(+/-) trans. U.S. Patent No. 4,024,183
*Contains a Petroleum Distillate Solvent. This product Contains 5.0 lbs Technical Permethrin/Gallon

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED Call a physician or Poison Control Center immediately. If possible vomiting should be induced under medical supervision. *Solvent presents an aspiration hazard. Gastric lavage is indicated if material was taken internally. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF IN EYES Flush eyes with plenty of water. Get medical attention if irritation persists.

IF ON SKIN Remove contaminated clothing and wash affected area with soap and water.

IF INHALED Remove victim to fresh air. Apply artificial respiration if indicated.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through the skin. Avoid contact with eyes, on skin, or clothing. Wash thoroughly after using and before eating or smoking. Avoid contamination of food and feed. Launder clothing before reuse. Cover animal drinking water & feed before treating feedlots, etc.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. Do not apply to any body of water or wetlands (swamps, bogs, marshes, and potholes). Drift and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment & containers. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treated areas.

TRUCK MOUNTED "ULV" EQUIPMENT

For truck mounted non-thermal ULV equipment mix this product with oil, light mineral oil of 54 second viscosity or another suitable non-flammable oil. Adjust equipment to deliver spray particles of 8 to 20 microns maximum. Consult the following chart for dilution and application rates. See "DILUTION" paragraph on left panel for an appropriate oil for dilution.

Amount of Undiluted Punt 57 or 1 to 9 Diluted Mix to use /A

lbe./A./Acre	Amt. of Undiluted OR 1 to 9 Mix to use per Acre	Amt. of Undiluted to use at mph at 5 mph	at 10 mph
--------------	---	--	-----------

0.0025# Use 1.9 ml.(.06 oz.)/A Undiluted 5.7 ml. (0.19 oz.) 11.4 ml. (0.39 oz.)

Amount of Undiluted spray mixture to use per Linear Mile = 68

OR Use 19 ml.(.64 oz.)/A of a 1 to 9 mix 57 ml. (1.9 oz.) 114 ml. (3.85 oz.)

Amount of Diluted spray mixture to use per Linear Mile = 68

0.005# Use 3.8 ml.(.13 oz.)/A Undiluted 11.4 ml. (0.39 oz.) 22.8 ml. (0.77 oz.)

Amount of Undiluted spray mixture to use per Linear Mile = 136

OR Use 38 ml.(1.28 oz.)/A of a 1 to 9 mix 114 ml. (3.85 oz.) 228 ml. (7.70 oz.)

Amount of Diluted spray mixture to use per Linear Mile = 136

0.007# Use 5.3 ml.(.18oz.)/A Undiluted 15.9 ml. (0.53 oz.) 31.8 ml. (1.06 oz.)

Amount of Undiluted spray mixture to use per Linear Mile = 136

OR Use 53 ml.(1.3 oz.)/A of a 1 to 9 mix 159 ml. (5.37 oz.) 318 ml. (10.74 oz.)

Amount of Diluted spray mixture to use per Linear Mile = 136

0.1# Use 74 ml.(2.5 oz.)/A Undiluted 222 ml. (7.5 oz.) 444 ml. (15.0 oz.)

Amount of Undiluted spray mixture to use per Linear Mile = 136

oz. = Fluid Ounces; ml. = milliliters; l. = liter. (1 Fluid Ounce = 2.95735 ml.)

*Dilution rates other than 1 to 9; such as; *1 to 15* or *1 to 29*

IMPORTANT ENVIRONMENTAL FACTORS THAT AFFECT APPLICATION: Temperature & humidity fluctuations may require periodical adjustment to deliver the desired flow rate at the specified speed of application. The distribution of the spray must be maintained to insure the distribution of the proper ingredient per acre. Optimum control is achieved when air currents are 12.9 kph. It is preferable to treat during early morning and evening hours when breeze and convection currents are minimal. Apply in the direction of the breeze to obtain maximum swath length and better distribution. Direct treatment in a manner to insure even distribution of the ULV particles to be treated. Avoid inhalation of spray mist.

NET CONTENTS 1 GALLON
EPA REG. NO. 42737-1 EPA EST. NO. 10370-TX-1

VECTEC, INCORPORATED
ORLANDO, FLORIDA 32807

ACCEPTED

DEC 17 1990

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under

Reg. No. 42737-1

designated for such insecticides and out of reach of children. If product is exposed to temperatures below 40 degrees F crystallization may result in which case, move product and warm to 80 degrees F and thoroughly mix. Do not use open flame to warm product. Do not contaminate water, food or feed by storage or disposal. In case of spillage, soak up with absorbent material such as sawdust, or fillers earth; sweep up and place in a labeled container and dispose of as follows. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **CONTAINER DISPOSAL:** (Metal) 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. (Plastic) Triple rinse or equivalent. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

INSECTS CONTROLLED

This product is recommended for OUTDOOR SPACE AND BARRIER CONTROL of ADULT MOSQUITOES, MIDGES (biting and non-biting), BLACKFLIES, DEER FLIES AND OTHER BITING FLIES such as "DOG FLIES" by use of specially designed non-thermal spray equipment capable of delivering the particle sizes specified for each type of treatment below. It is especially effective for reducing mosquito annoyance and the control of mosquitoes that may act as disease transmitting agents.

***SOLVENT FOR DILUTION:** PUNT 57 OS will not dilute in water. It may be applied as is or diluted with an oil mixture of 1 part soybean oil in 2 parts of a 54 second viscosity mineral oil or any other "non-phytotoxic" ULV suitable oil.

WHERE TO USE

Areas that may be treated for insect control includes but are not limited to Animal Houses, Corrals, Feedlots, Drive-In Restaurants and Theaters, Gardens, Playgrounds, Recreational Areas, Zoos, Parks, Campsites, Woodlands, Athletic Fields, Golf Courses, Urban Areas, Residential Areas and Municipalities around the outside of apartment buildings, restaurants, stores and warehouses. To obtain optimum results, cover the immediate surroundings of housing and buildings, including plant foliage surfaces, where mosquitoes may rest. For large recreational areas such as Football Fields, Stadiums, Racetracks and Public Parks, also apply to the "interface of woods" surrounding the main area. Do not apply more than once in a 24 hour period.

Do not allow spray treatment to drift on pasture land, cropland, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture. Under no condition should open water be treated with this product. Not to be used within 100 ft. (30 meters) of lakes and streams. In treatment of corrals, feed lots, zoos, cover any exposed drinking water, drinking fountains and animal feed before application.

HOW TO APPLY AND HOW MUCH TO USE

FOR A BARRIER SPRAY USE A "BACKPACK" ULV UNIT

For use in non-thermal ULV portable backpack equipment use a 1 to 9 mixing ratio by adding 2.5 Fl. Oz. of PUNT 57 OS to 22.5 Fl. Oz. of solvent* making a total of 25 ounces; (see SOLVENT FOR DILUTION paragraph) and apply with equipment adjusted to deliver ULV particles of 50 to 100 microns mass median diameter. Use 25 fl. oz. of the diluted spray/acre as a 50 ft (15.2 m) swath while walking at a speed of 2 mph (3.2 kph).