

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u> X </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 42737-9	Date of Issuance: JUN 30 1995
	Term of Issuance: Conditional	
	Name of Pesticide Product: Flak 2-2 RTU	
Name and Address of Registrant (include ZIP Code): VECTEC, INC. 6984 Venture Circle Orlando, FL 32807		
Note: Changes in labeling 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 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.		
Registration is in no way to be construed as an endorsement or recommendation of this product by the 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:		
<p>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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.</p> <p>2. Make the labeling changes listed below before you release the product for shipment:</p> <p style="margin-left: 40px;">a. Add the phrase "EPA Registration No. 42737-9"</p> <p style="margin-left: 40px;">b. Delete the statement "This product does not contain Xylene or Xylene Range Aromatic Hydrocarbon Solvents."</p>		
Signature of Approving Official:		Date:

EPA Form 8570-6

CONCURRENCES							
SYMBOL	7505C						
SURNAME	KAD						
DATE	8/26/95						

c. Commit to provide the Agency with an acceptable dermal sensitization study. We note that in your fax dated August 29, 1995 Vectex has agreed to fulfill this data requirement by April 1996.

d. You agree to make any necessary label changes as a result of the Agency's review. Note that we have not received final concurrence on bridging acute tox data from Flak 10-10 (EPA Registration Number 42737-6) to Flak 2-2. Since we permitted bridging of these data for Flak 4-4 (EPA Registration Number 42737-8) we assume these data will also support Flak 2-2. We will let you know of the need if any for additional data/label changes when review is completed.

e. For thermal aerosol fogging you state not to fog when wind conditions exceed 5 mph however under non-thermal aerosol fogging you use 10 mph. Please explain or revise so the instructions are consistent.

3. Submit three (3) 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 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.

Enclosures

FLAK® 2-2 RTU

For Application only by Public Health Official and Trained Personnel of Mosquito Abatement Districts and Programs. An All Temperature, Quick knockdown, Low Odor, Non-Corrosive Synergized Synthetic Pyrethroid Adult Mosquitoes, in Residential, And Recreational Areas. Also for Use Against Biting and Non-Biting Mosquitoes.



This product does not contain Xylene or Xylene Range Aromatic Hydrocarbon Solvents
RTU = Ready-To-Use

ACTIVE INGREDIENTS:

Permethrin (3-phenoxyphenyl)methyl(+/-) cis/trans 3-(2,2-dichloroethenyl) 2,2-dimethyl cyclopropanecarboxylate - - - - 2.0%
Piperonyl Butoxide Technical Equivalent to 80% (butylcarbityl) (6-propylpiperonyl)ether and 20% related compounds- - - - 2.0%

INERT INGREDIENTS: - - - - 96.0%

Contains 0.1666 lb. A.I./Gal. *Contains a Petroleum Distillate Solvent. Total 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

VECT
6984 VE
ORLAN

EPA Reg. No. 42737-

*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. Do not induce vomiting because of aspiration hazard. IF INHALED: Remove victim to fresh air. If not breathing give artificial respiration. 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. NOTE TO PHYSICIAN: *Solvent presents an aspiration hazard. Gastric lavage is indicated if material was taken internally. Vomiting may cause aspiration pneumonia.

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION! Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapors or spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after using and before eating or smoking. Avoid contamination of food and feed. May cause contact sensitization following repeated contact with skin in susceptible individuals.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated sites may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters. This product 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 treatment area.

PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

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. **STORAGE:** Store product in its original labeled container in a cool, dry, locked place designated for such insecticides and out of reach of children. Avoid exposure to extreme temperatures. In case of spillage, soak up with absorbent material such as sawdust, or fullers earth, sweep up and place in a labeled container and dispose of as follows. **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:** (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.

APPLICATION RATES

CONDITIONS AND RATES TO USE FLAK 2-2 RTU

Permethrin / PBO lbs. of each, A.I./Acre	Application Rates				Fluid Ounces and milliliters(ml) to use per acre
	5 mph	10 mph	15 mph	20 mph	
0.007 / 0.007	18.0	36.0	54.0	72.0	6.0 (178 ml)
0.0035 / 0.0035	9.0	18.0	27.0	36.0	3.0 (89 ml)
0.00175 / 0.00175	4.6	9.0	18.0	27.0	1.6 (45 ml)

PBO= Piperonyl Butoxide - mph= miles per hour - A.I. = Active Ingredient - ml = milliliter - kph = kilometers per hour.

THERMAL AEROSOL

TRUCK MOUNTED: Apply undiluted with suitable Thermal Fogging equipment applied at speeds of 5 mph up to 20 mph. For use with hand carried equipment per acre. Do not wet foliage since oil base may be phytotoxic. Do not fog when a clean, well maintained and properly calibrated fogger. Fog Down wind.

NON-THERMAL AEROSOL

FLAK 2-2 RTU is recommended for application as an ultra low volume (ULV) adult mosquitoes in residential and recreational areas where these insects campsites, woodlands, athletic fields, golf courses, residential areas, and all other areas and overgrown waste areas. Do not apply this product within 100 feet of pastures, cropland, poultry ranges, etc. Do not allow spray treatment to drift on pastureland, cropland, poultry ranges, etc. Mosquitoes are most active and weather conditions are conducive to high temperatures and wind speed not greater than 10 m.p.h. Application during cooler temperatures is preferred. Repeat treatment as needed. **FLAK 2-2 RTU ULV Nonthermal Aerosol (Cold Fog) Applications:** To control mosquitoes use any standard ULV ground applicator capable of producing a fog ranging in size from 5 to 30 microns and a mass median diameter (MMD) of 10 microns or less at a flow rate of 9 TO 36 fluid ounces per minute at an average vehicle speed of 5 mph. Adjust rate accordingly. These rates are equivalent to 0.00175 to 0.007 pounds of the "synergist" Piperonyl Butoxide per acre. Vary flow rate according to population. Use higher flow rate in heavy vegetation or when mosquito population is high. Use the proper flow rate.

AS A BARRIER SPRAY USE A "BARRIER"

For use in non-thermal ULV portable backpack equipment apply FLAK 2-2 adjusted to deliver ULV particles of 50 to 100 microns mass median diameter (equal to 0.1 lb. A.I./Acre) as a 50 ft. (15.2 m) swath while walking at a speed of 1.5 mph.

AERIAL APPLICATION

The use of specially designed aircraft capable of applying ULTRA LOW VOLUME rates may be considered necessary when conducted at the discretion of Mosquito Abatement Districts and other trained personnel engaged in OUTDOOR Mosquito & Flea Abatement Programs. **PROHIBITION ON AERIAL USE:** Aerial application is prohibited unless specifically authorized by the Bureau of Entomology, Florida Department of Health.

NOTICE: Buyer and user assume all risk and liability of use, storage, and disposal in accordance with the terms of this label. (42-22F)

BEST COPY AVAILABLE