

1021-1688

01/03/2006

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United States Environmental Protection Agency

Ms. Julie Schlekau  
Registration Specialist  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427-4372

JAN - 3 2006

Subject: Submission of labeling in compliance with PR Notice 2005-1.  
Product Name: Multicide Mosquito Adulticide Concentrate 2705  
Registration No.: 1021-1688  
Date of Submission: 28 September 2005

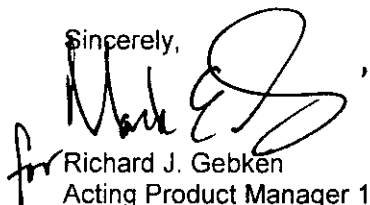
Dear Ms. Schlekau;

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

The submitted label lacks the bee statement. Please add the following text to appropriate section of the label:

"...[do not apply to blooming crops or weeds when bees are visiting the treatment area], except when applications are made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recover effort."

A stamped copy of the label is enclosed for your records. If you have any questions, you may contact Mark E. Suarez at (703)305-0120.

Sincerely,  
  
for Richard J. Gebken  
Acting Product Manager 10  
Insecticide Branch  
Registration Division (7505C)

Enclosure  
1021-1790 763912b.doc

CONCURRENCES

	H7505C							
	MSUAREZ							
	Jan 4, 2006							

**MGK®** McLAUGHLIN  
GORMLEY  
KING COMPANY

8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4372 U.S.A. - Telephone (763) 544-0341

Contains an Oil Soluble Synergized Synthetic Pyrethroid for Control of Adult Mosquitoes (Including Organophosphate-Resistant Species) Midges, and Black Flies in Outdoor Residential and Recreational Areas. For use only by federal, state, tribal or local government officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision.

## ACTIVE INGREDIENTS:

3-Phenoxybenzyl-(1RS, 3RS; 1RS, 3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl) cyclopropanecarboxylate.....	10.00%
* Piperonyl Butoxide, Technical.....	10.00%
** OTHER INGREDIENTS.....	80.00%
	100.00%

\* Equivalent to 8.00% (butylcarbityl) (6-propylpiperonyl) ether and 2.00% related compounds  
\*\* Contains a petroleum distillate

Contains 0.74 lbs. Technical SUMITHRIN®/Gallon and 0.74 lbs. Technical Piperonyl Butoxide/Gallon

MULTICIDE® - Registered trademark of McLaughlin Gormley King Company  
Sumithrin™ - Trademark of Sumitomo Company Ltd.

**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**

## FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> <li>▪ Immediately call a poison control center or doctor.</li> <li>▪ Do not induce vomiting unless told to do so by a poison control center or a doctor.</li> <li>▪ Do not give any liquid to the person.</li> <li>▪ Do not give anything by mouth to an unconscious person.</li> </ul>
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> <li>▪ Take off contaminated clothing.</li> <li>▪ Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>

**NOTE TO PHYSICIAN:** Contains petroleum distillate – vomiting may cause aspiration pneumonia. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call the International Poison Center at 1-888-740-8712.

Net Contents \_\_\_\_\_

Manufactured by:  
Mc LAUGHLIN GORMLEY KING COMPANY  
8810 Tenth Avenue North  
Minneapolis, MN 55427

**ACCEPTED**  
**with COMMENTS**  
**in EPA Letter Dated:**

**JAN - 3 2006**

the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
**1021-1688**

EPA Reg. No. 1021-1688

EPA Est. No. 1021-MN-2

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. In case of contact, flush with plenty of water. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish. Do not apply over permanent bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries), except when necessary to target areas where adult mosquitoes are present, and weather conditions will facilitate movement of applied material beyond the body of water in order to minimize incidental deposition into the water body. Do not contaminate bodies of water when disposing of equipment rinsate or wash waters.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use 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.

Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist.

**IN CALIFORNIA:** This product is to be applied by County Health Department, State Department of Health Services, Mosquito and Vector Control or Mosquito Abatement District personnel only.

**USE AREAS:** For use in mosquito adulticiding programs involving outdoor residential and recreational areas where adult mosquitoes are present in annoying numbers in vegetation surrounding parks, woodlands, swamps, marshes, overgrown areas and golf courses.

**For best results,** apply when mosquitoes are most active and weather conditions are conducive to keeping the fog close to the ground, i.e. cool temperatures and wind speed not greater than 10 mph.

Do not treat a site with more than 0.0036 pounds of Sumithrin® per acre in a twenty-four hour period. Do not exceed 1.0 pounds of Sumithrin® per acre in any site in any year. More frequent applications may be made to prevent or control a threat to public and/or animal health determined by a state, tribal, or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

Note: MULTICIDE® Mosquito Adulticiding Concentrate 2705 can not be diluted in water. Dilute this product with light mineral oil if dilution is preferred.

#### SPRAY DROPLET SIZE DETERMINATION

**Ground Equipment:** Spray equipment must be adjusted so that the volume median diameter (VMD) is 8 to 30 microns ( $8 \leq D_v 0.5 \leq 30 \text{ um}$ ) and that 90% of the spray is contained in droplets smaller than 50 microns ( $D_v 0.9 < 50 \text{ um}$ ). Aerosol droplet size of MULTICIDE® Mosquito Adulticiding Concentrate 2705 applications may be determined using generally acceptable methods such as, but not limited to, A.I.M.S.; PC-DC-III, or Teflon-coated glass slides. Depending on the apparatus used, follow manufacturer's instructions for obtaining droplet measurements. When using coated glass slides, an adequate volume of air should be sampled by using, for example, rotating slide impingers. Slides should be examined microscopically and the diameter of the droplets measured in microns. Slides should be scanned until at least 200 droplets have been sized. A spread factor of 0.59 should be used to correct droplet diameters. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

**Aerial Equipment:** Spray equipment must be adjusted so that the volume median diameter produced is less than 60 microns ( $D_v 0.5 < 60 \text{ um}$ ) and that 90% of the spray is contained in droplets smaller than 100 microns ( $D_v 0.9 < 100 \text{ um}$ ). The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Aerosol droplet size of a MULTICIDE® Mosquito Adulticiding Concentrate 2705 aerial application may be determined using general accepted methods such as Teflon-coated slides on rotating impingers, rotor rod, cascade impactors, wind tunnel mounted lasers or other suitable methods. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s), and the rotation speed of the sleeve (for rotary atomizers) are properly calibrated.

#### GROUND ULV APPLICATION

Apply MULTICIDE® Mosquito Adulticiding Concentrate 2705 through a standard ULV cold aerosol or non-thermal aerosol (cold fog) generator. Consult the following table for examples of various dosage rates using a swath width of 300 feet for acreage calculations.

Dosage Rate (Lb Sumithrin®/acre)	Fl. oz. MULTICIDE® Mosquito Adulticiding	Flow Rates in fluid oz./minute at truck speeds of:			
		5 MPH	10 MPH	15 MPH	20 MPH
0.0036	0.62	1.9	3.8	5.7	7.6
0.0024	0.42	1.3	2.5	3.8	5.1
0.0012	0.21	0.5	1.3	1.9	2.5

MULTICIDE® Mosquito Adulticiding Concentrate 2705 may be applied undiluted with a non-thermal ULV portable "backpack" spray unit capable of delivering particles in the 5 to 25 micron range. Apply at a walking speed of 2 mph, making sure that the same amount of A.I. is applied per acre.

MULTICIDE® Mosquito Adulticiding Concentrate 2705 may be applied with suitable thermal fogging equipment. Do not exceed the maximum rates listed above. May be applied at speeds of 5 to 20 mph.

#### AERIAL APPLICATION

**Prohibition on aerial use:** Not for aerial application in Florida unless specifically authorized by the Bureau of Entomology, Florida Department of Agriculture and Consumer Services.

MULTICIDE® Mosquito Adulticiding Concentrate 2705 may be applied at rates of 0.21 to 0.62 fluid ounces MULTICIDE® Mosquito Adulticiding Concentrate 2705 per acre by fixed wing or rotary aircraft equipped with suitable ULV application equipment. MULTICIDE® Mosquito Adulticiding Concentrate 2705 may also be diluted with a suitable solvent such as mineral oil and applied by aerial ULV equipment so long as 0.62 fluid ounces per acre of MULTICIDE® Mosquito Adulticiding Concentrate 2705 is not exceeded. Aerial application should be made at an altitude below 300 feet. Do not apply when ground wind speeds exceed 10 MPH.

Dosage Rate Lbs. Sumithrin®/acre	Flow Rate in fluid oz./acre MULTICIDE® Mosquito Adulticiding Concentrate 2705
0.0036	0.62
0.0024	0.42
0.0012	0.21

#### STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool, dry place. Keep container closed.

**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 reconditioning, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

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