



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:

53883-110

Date of Issuance:

6/4/04

Term of Issuance:

Unconditional

Name of Pesticide Product:

X

Methoprene 1.5% G

NOTICE OF PESTICIDE:

Registration

Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

1. Make the following modifications to your label dated 6/4/04 before your release your product for shipment:
 - a. Change the EPA File Symbol to read EPA Reg. No. "53883-110"

Signature of Approving Official:

JZH

(See second page for signature)

Date:

6/4/04

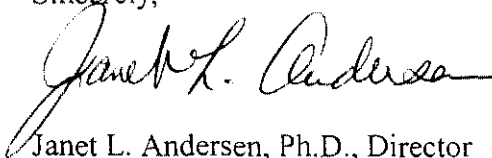
CONCURRENCES

SYMBOL	7511C	7511C					
SURNAME	Hudson	Holly					
DATE		6/1/04					

- 2. Submit five (5) copies of the revised final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

A stamped copy of the label is enclosed for your records.

Sincerely,



Janet L. Andersen, Ph.D., Director
Biopesticides and Pollution
Prevention Division (7511C)

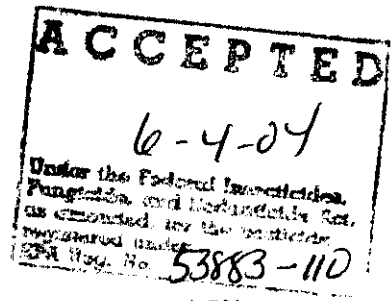
CONCURRENCES

SYMBOL							
SURNAME							
DATE							

(Commercial version) Single Panel Label
[indicates optional text]

Methoprene 1.5 G

AN INSECT GROWTH REGULATOR [EXTENDED RESIDUAL GRANULAR PRODUCT] TO PREVENT ADULT MOSQUITO/ MIDGE EMERGENCE (including those mosquitoes which may transmit West Nile Virus) MIDGE EMERGENCE
Mosquito Larvicide
Prevents mosquitoes from becoming breeding, biting adults
21 day Protection
Easy to Apply Granules
Treats over 13,000 sq. ft. (1.5 lb container)



ACTIVE INGREDIENT: (S)-Methoprene (CAS #65733-16-6).....	1.5%
OTHER INGREDIENTS:	98.5%
Total	100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Net Weight:

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin or eyes. Due to the size and abrasiveness of the granule, use protective eyewear and clothing to minimize exposure during loading and handling. Wash thoroughly with soap and water after handling.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
If on skin or clothing	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact You may also contact the Poison Control Center at 800-222-1222 for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic dipteran (mosquitoes) and chironomid (midges). Using it in a manner other than that described by the label could result in harm to aquatic dipteran (mosquitoes) and chironomid (midges). Do not contaminate water when disposing of rinsate or equipment washwaters.

DIRECTIONS FOR USE

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

GENERAL DIRECTIONS: Methoprene 1.5 G releases effective levels of methoprene insect growth regulator for up to 21 days after application. Applications should be continued throughout the entire season to maintain adequate control. Treated larvae continue to develop normally to the pupal stage where they die.

[Rotary and fixed-wing aircraft equipped with granular spreaders capable of applying rates listed below may be used to apply METHOPRENE 1.5 G. Ground equipment which will achieve even coverage at these rates may also be used. Apply METHOPRENE 1.5 G uniformly and repeat application as necessary.]

Apply **Methoprene 1.5 G** uniformly and repeat application as necessary.

[Optional directions for 1.5 lb shaker container: Measure and then sprinkle the appropriate amount of Methoprene 1.5 G evenly over the surface of the water to be treated in order to control mosquitoes before they become breeding, biting adults. Measure the surface area of the water and follow the table below for the appropriate amount of product use. Emptying or discarding small containers that are holding water will ensure the best treatment. In instances where small containers cannot be discarded and for locations such as flower pots, old tires, urns, etc. use 20 granules for every gallon of water.

APPLICATION RATES:	
Amount of Product	Treatment Area (surface area-less than 2 ft deep of water)
1 cup	7,154 sq. ft.
¼ cup	1,788 sq. ft.
1 tbls.	576 sq. ft.
½ tbls.	288 sq. ft.
1 tsp.	211 sq. ft.
½ tsp.	105 sq. ft.
¼ tsp.	53 sq. ft.
Do not use food utensils such as tablespoons or measuring cups for food purposes after use with insecticides.]	

NOTE: Methoprene insect growth regulator has no effect on mosquitoes/ midges which have reached the pupal or adult stage prior to treatment.

APPLICATION TIME: Apply Methoprene 1.5 G at any stage of larval mosquito/ midge development. Granules may be applied prior to flooding (i.e., "pre-hatch" or "pre-flood") in areas which flood intermittently. In such areas, one application of Methoprene 1.5 G can prevent adult mosquito/ midge emergence from several subsequent floodings. The actual length of control depends on the duration and frequency of flooding events.

APPLICATION RATES: Aedes, Anopheles and Psorophora spp.: Apply Methoprene 1.5 G at 5-10 lb/acre (5.6-11.2 kg/ha). Culex, Culiseta, Coquillettidia, Mansonia spp., and Chironomini (midges). Apply Methoprene 1.5 G at 10-20 lb/acre (11.2 - 22.4 kg/ha). Within these ranges, use lower rates when water is shallow [< 2 feet (60 cm)] and vegetation and/or pollution are minimal. Use higher rates for midges or when water is deep [≥ 2 feet (60 cm)] and vegetation and/ or pollution are heavy.

APPLICATION SITES:

Non- Crop Areas: Methoprene 1.5 G may be applied as directed above to temporary and permanent sites which support mosquito/ midge larval development. Examples of such sites include: snow pools, salt and tidal marshes, freshwater swamps and marshes (cattail, red cedar, white maple marshes), woodland pools and meadows, dredging spoil sites, drainage areas, ditches, wastewater treatment facilities, livestock runoff lagoons, retention ponds, harvested

timber stacks, swales, storm water drainage areas, sewers, catch basins, tree holes, water-holding receptacles (e.g., tires, urns, flower pots, cans, and other containers), and other natural and manmade depressions.

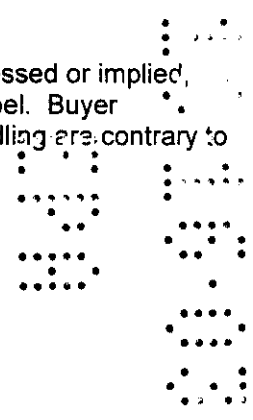
Crop Areas: Methoprene 1.5 G may be applied as directed above to temporary and permanent sites which support mosquito/ midge larval development. Examples of such sites include: irrigated croplands, pastures, rangeland, vineyards, rice fields (domestic and wild), date palm, citrus, fruit, nut orchards, berry fields and bogs.

NOTE: Application of Methoprene 1.5 G to sites subject to water flow or exchange will diminish the product's effectiveness and may require higher application rates and/ or more frequent applications.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal.
Storage: Store closed containers of Methoprene 1.5 G in a cool dry place. **Pesticide Disposal:** **If partly filled:** [Call your local solid waste agency or 1-800-Cleanup for disposal directions. Never place unused product down any indoor or outdoor drain.] –or– Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
Container Disposal: Completely empty product into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. [(For small 1.5 lb Plastic Shaker Container) Do not reuse this container. Place in trash or offer for recycling if available.]

WARRANTY AND CONDITIONS OF SALE: Seller makes no warranty, expressed or implied, concerning the use and handling of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041
EPA Reg. No. 53883 – RRN
EPA Est. No.



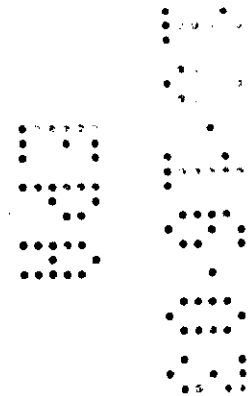
(Back panel marketing text

Mosquitoes are not only a nuisance; they can transmit diseases that are a serious health threat to people and pets. With just one bite, mosquitoes can transmit West Nile Virus and other viruses that cause encephalitis. They can also transmit heartworm disease to dogs and cats.

Methoprene 1.5 G kills developing mosquitoes before they become breeding, biting adults. It is easy to use; simply measure, then sprinkle the granules in areas where mosquitoes may breed (nothing to mix or spray). **Methoprene 1.5 G** granules offer long-lasting mosquito control for up to 21 days. When used as directed, **Methoprene 1.5 G** will not adversely affect humans, animals, fish, or vegetation.

TREATMENT AREAS:

- Bird Baths
- Old Tires
- Flower Pots
- Tree Holes
- Water Gardens
- Pool Covers
- Urns
- Rain Barrels
- Roof Gutters
- Ornamental Fountains
- Abandoned Swimming Pools
- Other Water-Holding Receptacles



(Consumer label)
(Front Panel)

Methoprene 1.5 G

AN INSECT GROWTH REGULATOR [EXTENDED RESIDUAL GRANULAR PRODUCT] TO PREVENT ADULT MOSQUITO EMERGENCE (including those mosquitoes which may transmit West Nile Virus)

- Biochemical mosquito control
- Prevents the development of adult mosquitoes
- Kills developing mosquito larvae [pupae]
- Prevents developing mosquitoes [mosquito larvae] from becoming breeding, biting adults
- Kills mosquitoes before they become breeding, biting adults
- Prevents mosquitoes from developing into adults
- Kills pupae before adult mosquitoes can emerge
- Kills pupae so adult mosquitoes can't emerge
- Prevents emergence of breeding, biting adult mosquitoes
- Effective [protects] for up to 21 days
- Prevents future mosquito populations

- Concentrated formula ([just] 20 granules treat [just] 1 gallon of water)
- Concentrated formula (1.5 lbs. treats over 13,000 sq. ft. [over ¼ acre])
- Kills mosquitoes before they hatch including those which may transmit West Nile Virus
- For use in all water-holding receptacles where mosquitoes may breed including water gardens
- Use in any containerized water where mosquitoes may breed
- 21 day protection
- Easy to apply granules
- Convenient shaker top can
- Treats over 13,000 sq. ft. (1.5 lb container) [Treats over 1,728 sq. ft. (Each pouch treats 576 sq. ft.)]
- 3 individual pouches

ACTIVE INGREDIENT: (S)-Methoprene (CAS #65733-16-6).....	1.5%
OTHER INGREDIENTS:	98.5%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

See additional Precautionary Statements (wrap-around label)

EPA Reg. No. 53883-RRN
EPA Est. No.

Lot No.

Net Weight:
[This container is sold by weight not volume]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS-CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes or skin. Due to the size and

abrasiveness of the granule, use protective eyewear and clothing to minimize exposure during application. Wash thoroughly with soap and water after handling.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> ▪ Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
If on skin or clothing	<ul style="list-style-type: none"> ▪ Take off contaminated clothing. ▪ Rinse skin immediately with plenty of water for 15-20 minutes.
Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-XXX-XXXX for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

Do not apply to waters that drain into public waterways.

DIRECTIONS FOR USE: It is violation of Federal Law to use this product in a manner inconsistent with it's labeling.

GENERAL DIRECTIONS: **Methoprene 1.5 G** contains S-methoprene insect growth regulator, which controls mosquitoes before they can become adults for up to 21 days after application.

Measure and then sprinkle the appropriate amount of **Methoprene 1.5 G** evenly over the surface of the water to be treated in order to control mosquitoes before they become breeding, biting adults. Measure the surface area of the water and follow the table below for the appropriate amount of product to use. Emptying or discarding small containers that are holding water will ensure the best treatment. In instances where small containers cannot be discarded and for locations such as flower pots, old tires, urns, etc. use 20 granules for every gallon of water.

Begin treating when adult mosquitoes are first noted in the spring and continue applications throughout the mosquito season, which is typically up to the first frost. After treatment, you may notice that there will still be live larvae in the water. Treated larvae will continue to develop normally to the pupal stage where they die.

NOTE: S-Methoprene insect growth regulator has no effect on mosquitoes which have already reached the pupal or adult stage prior to treatment.

APPLICATION RATES:	
Amount of Product	Treatment Area (surface area-less than 2 ft deep of water)
1 cup	7,154 sq. ft.
¼ cup	1,788 sq. ft.
1 tbls.	576 sq. ft.
½ tbls.	288 sq. ft.
1 tsp.	211 sq. ft.
½ tsp.	105 sq. ft.
¼ tsp.	53 sq. ft.
Do not use food utensils such as tablespoons or measuring cups for food purposes after use with insecticides.	

APPLICATION SITES:

Methoprene 1.5 G may be applied as directed above to temporary and permanent sites, which support mosquito larval development. Examples of such sites include: tree holes, water-holding

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receptacles (e.g., old tires, urns, flower pots, cans, and other containers), water gardens, and other manmade water-holding depressions.

STORAGE AND DISPOSAL: Storage: Store closed containers of **Methoprene 1.5 G** in a cool dry place. **Disposal: If Empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If Partially Filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain

WARRANTY AND CONDITIONS OF SALE: Seller makes no warranty, expressed or implied, concerning the use and handling of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

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