

1 80286-12

2/16/2010

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

EPA Reg. Number:
80286-12

Date of Issuance:
FEB 16 2010

Term of Issuance: Unconditional

Name of Pesticide Product:
SPLAT GM-O

NOTICE OF PESTICIDE:

X Registration Re-registration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):
ISCA Technologies, Inc.
1230 Spring Street
Riverside, CA 92507

~~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 the 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.

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

1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the following label change before you release the product for shipment: Revise the EPA Registration Number to read, "EPA Reg. No. 80286-12."
3. Submit two (2) 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 the final printed label.

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

Signature of Approving Official:

W. Michael McDavit

W. Michael McDavit, Division Director
Biopesticides and Pollution Prevention Division

Date:

FEB 16 2010

2015

SPLAT GM-O™

For Mating Disruption of *Lymantria dispar*, the gypsy moth

SPLAT (Specialized Pheromone and Lure Application Technology) is an amorphous polymer matrix for the sustained release of insect pheromones. SPLAT GM-O provides control by disrupting mating behavior.

ACCEPTED



For Organic Production

FEB 16 2010

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 80286-12

ACTIVE INGREDIENT:

Disparlure, (Z)-7,8-Epoxy-2-methyloctadecane:.....13.00%

OTHER INGREDIENTS:.....87.00%

TOTAL:.....100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID STATEMENT

IF IN EYES:

- 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.
- Call poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Wash skin immediately with soap and water, then rinse with plenty of water for 15-20 minutes.

IF SWALLOWED:

- Call poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

HOTLINE NUMBER

National Pesticides Information Center: Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: www.npic.orst.edu).

See side/back panel for additional precautionary statements.

Net Contents: _____ Lbs _____ Kg

Batch Number: _____

EPA Reg. No. 80286-

EPA Est. No. 80286-CA-004

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS, CAUTION: Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before use.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. Follow the manufacturer's instructions for cleaning maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS: 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. Incidental applications to water under the forest canopy are not considered to be a direct application to water, but should be avoided if practicable. Spray valves must be shut off when passing over surface water not under the canopy. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Always consult your pest control advisor, distributor or ISCA Technologies, Inc. for advice regarding the use of **SPLAT GM-O**.

GENERAL	SPLAT GM-O uses the pheromone of the gypsy moth (<i>Lymantria dispar</i>), to disrupt adult moth mating and thus reduce larval damage to trees.
TARGET PEST	Gypsy Moth (<i>Lymantria dispar</i>)
AREA-WIDE CONTROL	<p>This product is only for use in wide-area gypsy moth control programs sponsored by government entities. Areas of application include, but are not limited to: forests; residential, municipal, and shade tree areas; recreational areas such as campgrounds, golf courses, parks, and parkways; ornamental and shade trees; shelterbelts, rights-of-way; and other easements. Area-wide or wide-area application of SPLAT GM-O is most effective. The efficacy of any mating disruption strategy will be reduced by the influx of adults from surrounding areas. It is for this reason that mating disruption works increasingly well with larger acreages, where the ratio of exposed borders to overall area treated is reduced. Always make application of SPLAT GM-O in consultation with your pest control advisor, distributor, or ISCA Technologies, Inc.</p> <p>No intentional food uses are permitted. However, an exemption from the requirement of a tolerance is established for residues of (Z)-7,8-epoxy-2-methyloctadecane (Disparlure) on all food and feed crops that occur when it is used to treat trees, shrubs, and pastures</p>

	and such use results in unintentional spray and drift to non-target vegetation including non-food, food, and feed crops.
MONITORING	Monitor for pests on a regular basis so that timely intervention with insecticides or alternative controls are possible. Use gypsy moth pheromone-baited monitoring traps made by ISCA Technologies or other suitable traps to monitor the presence of male moths, their emergence and their movement. Place monitoring traps before applying SPLAT GM-O to determine the infestation level. Continue monitoring throughout the season to evaluate efficacy and longevity of the pheromone application. Monitor treated plots for the target pest. Implement supplementary control measures if the pest population densities are above economic threshold levels.
APPLICATION TIMING	Apply SPLAT GM-O anytime in the two weeks preceding male flight and adult activity. Additional applications may be made if populations exceed the economic threshold. Consult your pest control advisor, distributor, or ISCA Technologies, Inc. for proper application timing.
APPLICATION CONDITIONS	Apply SPLAT GM-O when the ambient air temperature is above 50°F. SPLAT GM-O will cure within 3-4 hours following application, after which it will become rain fast and UV resistant. Do not apply if rain is expected within 1-2 hours of application or the temperature is outside of this range.
APPLICATION RATE	The application rate of SPLAT GM-O ranges from 23 grams to 230 grams of undiluted product per acre. This is equivalent to 3 grams to 30 grams of pheromone active ingredient (AI) per acre. Do not exceed 150 grams of AI per acre per year for multiple applications.
PREPARATION FOR USE	Always check SPLAT GM-O 24 hours before using. If SPLAT GM-O has been stored in a refrigerated area and has hardened, allow at least 48 hours at room temperature to achieve a workable consistency. Always mix SPLAT GM-O thoroughly before use: a drill with paint mixing paddle or similar device works best. Avoid mechanical mixing with sharp blades, which come into contact with the plastic container as this can introduce shards of plastic into the SPLAT GM-O formulation, which might interfere with product flowability and application.
APPLICATION EQUIPMENT	SPLAT GM-O is applied either aerially or by ground with conventional application systems pressurized either by centrifugal pumps or positive displacement pumps, pressurized gas cylinders, or a combination of both. The flow of SPLAT GM-O product can be controlled with agricultural-type solenoids. Calibrate applications based on volume output and application speed and swath area treated. Do not apply this product through any type of irrigation system. SPLAT GM-O can also be applied manually using other devices like a metered dosing gun. To ensure proper application, consult your pest control advisor, distributor, or ISCA Technologies, Inc.

<p>POINT SOURCE SIZE, PLACEMENT, AND SPACING</p>	<p>For ground applications, SPLAT GM-O dollop size can be varied depending on pest population and duration of control desired. A dense infestation will require a higher density of point sources to achieve optimal mating disruption. With aerial applications, there is less control over the variation in droplet size and there will be a range from approximately 300 to 2000 microns in size. When SPLAT GM-O is sprayed on the tree canopy at 46 grams per acre (6 grams AI per acre), the range in droplet size will usually be 300 to 1000 microns. This will provide area-wide, season-long management of low-density populations. To ensure proper application, please consult your pest control advisor, distributor, or ISCA Technologies, Inc.</p>
<p>CLEANING EQUIPMENT</p>	<p>Clean equipment with water and citrus or limonene detergents.</p>
<p>STORAGE AND DISPOSAL</p>	
<p>Do not contaminate water, food or feed by storage or disposal.</p>	
<p>PESTICIDE STORAGE</p>	<p>Store product sealed and refrigerated, if possible. If refrigerated, do not store with food. If refrigeration is not available, store product in a cool dry place, out of direct sunlight. Do not exceed 75°F for long-term storage. Avoid freezing. In case of leak or spill, wipe with paper towel and dispose of waste when product hardens.</p>
<p>PESTICIDE DISPOSAL</p>	<p>Wastes resulting from the use of this product may be disposed of on site or at an approved waste facility.</p>
<p>CONTAINER DISPOSAL</p>	<p>Nonrefillable container. Do not refill or reuse this container. Triple rinse (or equivalent) promptly after emptying. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.</p>
<p>WARRANTY AND LIMITATION OF DAMAGES</p>	
<p>Read all directions carefully. All statements concerning the use of this product apply only when used as directed. ISCA Technologies warrants that this material conforms to the specifications on the label and is reasonably fit for the intended purpose referred to on the label. To the extent consistent with applicable law, ISCA Technologies makes no other express or implied warranty of merchantability or fitness for a particular purpose or any other express or implied warranty.</p>	

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