



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Biopesticides and Pollution Prevention Division (7511P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

6704-93

Date of Issuance:

DEC 15 2015

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Male Sea Lamprey Mating Pheromone

Name and Address of Registrant (include ZIP Code):

United States Fish and Wildlife Service
 Arlington Square Building, MS 725
 Washington, D.C. 20240

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 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her 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 the 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.
2. Make the following labeling change before you release this product for shipment:
 Revise the EPA Registration Number to read, "EPA Reg. No. 6704-93.
3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Signature of Approving Official:

Robert McNally, Director
 Biopesticides and Pollution Prevention Division (7511P)
 Office of Pesticide Programs

Date:

12/15/15

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 12/8/15.

If you have any questions, please contact Chris Pfeifer by phone at 703-308-0031 or via email at pfeifer.chris@epa.gov.

Sincerely,



Robert McNally, Director
Biopesticides and Pollution Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

IMPORTANT NOTICE

This product is registered in both the U.S. and Canada. You must follow ONLY the U.S. label WHEN USING THIS product in the U.S.

MALE SEA LAMPREY MATING PHEROMONE

Sea Lamprey (*Petromyzon marinus*) Attractant

Liquid concentrate biochemical pesticide for aquatic nonfood use as a sea lamprey attractant in tributaries of the Great Lakes basin, Lake Champlain and the Finger Lakes

ACTIVE INGREDIENT:

3-Ketopetromyzonol-24-sulfate, ammonium salt.....1.10%

INERT INGREDIENTS:

Methanol.....43.76%

Water.....55.14%

100.0%

KEEP OUT OF REACH OF CHILDREN



DANGER - POISON

THIS PRODUCT CONTAINS METHANOL

READ THE ENTIRE LABEL (LEAFLET IN ATTACHED POUCH) BEFORE USING

Manufactured For:
U.S. Fish and Wildlife Service
Arlington Square Building, MS 725
Washington, DC 20240

EPA Est. 75437-MI-001
U.S EPA Reg. No. 6704-OG

Net contents: ___ fluid ounce/___ mL

ACCEPTED

DEC 15 2015

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

6704-93

PESTICIDE STORAGE: Store in an area where spills and leakage of the material can be contained. Store in a cool, dry, well-ventilated place away from sources of ignition and incompatible substances. Read the entire STORAGE AND DISPOSAL statement located on the label leaflet in attached pouch.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS:

DANGER – POISON. This product contains methanol and may be toxic to humans and domestic animals when not used in accordance with the product label. Methanol may cause blindness. Fatal if swallowed, absorbed through skin, or inhaled. Corrosive. Causes irreversible eye damage and skin burns. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin, or on clothing. Do not breathe vapor. 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 reuse.

Personal Protective Equipment (PPE): Applicators, mixers and other handlers must wear:

- Coveralls worn over long-sleeved shirt and long pants
- Chemical-resistant footwear (such as nitrile or butyl) with socks
- Chemical-resistant gloves (such as nitrile or butyl)
- Goggles and face shield
- Respirator with an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter.

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.

User Safety Recommendations:

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS - This product contains methanol and may be toxic to fish and aquatic invertebrates. Due to the method of application (metering of a relatively small amount of product into a stream at a constant rate), and that methanol will be rapidly diluted below the concentration where adverse effects are likely to occur, the area that is likely to be directly affected will be in a localized area near the point of application.

PHYSICAL OR CHEMICAL HAZARDS – Flammable. Keep away from fire, sparks, and heated surfaces.

SPILLS: Scoop up with a non-sparking tool, then place into a suitable container for disposal. Use water spray to disperse vapors. Remove all sources of ignition. Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite.

Batch No. _____

IMPORTANT NOTICE

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Male Sea Lamprey Mating Pheromone

Sea Lamprey (*Petromyzon marinus*) Attractant

Liquid concentrate biochemical pesticide for aquatic nonfood use as a sea lamprey attractant in tributaries of the Great Lakes basin, Lake Champlain and the Finger Lakes

Active Ingredient:	
3-Ketopetromyzonol-24-sulfate, ammonium salt.....	1.10%
Other Ingredients:	
Methanol.....	43.76%
Water.....	55.14%
TOTAL:.....	100.0%

Net Contents ___ fluid ounce/ ___ mL

KEEP OUT OF REACH OF CHILDREN



DANGER - POISON

PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

**THIS PRODUCT CONTAINS METHANOL
READ THE ENTIRE LABEL BEFORE USING**

FIRST AID

If swallowed	<ul style="list-style-type: none">• Call a 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
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 immediately for treatment advice.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.• Call a poison control center or doctor immediately for treatment advice.
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.• Call a poison control center or doctor immediately for treatment advice.

Hot Line Number: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information in the U.S.

See left panel for additional precautionary statements.

DIRECTIONS FOR USE

It is a violation of U.S. law to use this product in the U.S. in a manner inconsistent with its U.S. labeling. The labeling must be in possession of the user at the time of application.

Directions for Mixing and Application: Male Sea Lamprey Mating Pheromone is applied during the sea lamprey migratory and spawning season. Male Sea Lamprey Mating Pheromone is applied directly to waters near the upstream extent of the reach where spawning-phase sea lampreys are present. Applications are made in conjunction with trapping systems into which spawning-phase male and female sea lampreys are drawn. Each vial (container) of Male Sea Lamprey Mating Pheromone, prior to dilution and before application, will contain a stock solution created by adding 5 ml of methanol + 5 ml of deionized water + 0.10 g of 3-ketopetromyzonol-24-sulfate, ammonium salt. Measure stream discharge at the application site and calculate the amount of Male Sea Lamprey Mating Pheromone required to achieve a concentration between 1×10^{-11} and 1×10^{-13} M (4.72 to 0.0472 ppt) during the low light period (sunset to sunrise). Premix Male Sea Lamprey Mating Pheromone with water from the river and pump into the river at a rate that will maintain the desired concentration. Verify concentration in the stream with an LC/MS (Liquid Chromatography/Mass Spectroscopy) method using a deuterated internal standard to calibrate the ionization of 3kPZS LC/MS/MS. Adjust application rate as stream discharge changes to maintain the desired concentration. Aerial applications of this product are prohibited.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE: Store in an area where spills or leakage of the material can be contained. Store in a cool, dry, well-ventilated place away from sources of ignition and incompatible substances.

PESTICIDE DISPOSAL: Biochemical pesticide wastes are acutely hazardous. 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: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or puncture and dispose in sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow pesticide disposal instructions. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations.

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