

6704-45

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

January 5, 2011

Terrance Hubert, Ph.D.
U.S. Fish and Wildlife Service
Arlington Square Bldg., MS 725
Washington, DC 20240

Subject: Application for Pesticide Notification (PRN 98-10)

TFM-HP Sea Lamprey Larvicide
EPA Reg. No. 6704-45
Application Dated December 14, 2010

TFM Bar
EPA Reg. No. 6704-86
Application Dated December 14, 2010

Dear Dr. Hubert;

The Agency is in receipt of your filing of a revised Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6736 or electronically at Edwards.joanne@epa.gov.

Sincerely,
A handwritten signature in black ink, appearing to read "J S Edwards".

Joanne S. Edwards
Insecticide-Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 6704-45	2. EPA Product Manager John Hebert	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) 6704/TFM HP Sea Lamprey Larvicide	PM# 7	
5. Name and Address of Applicant (Include ZIP Code) U.S. Fish and Wildlife Service Arlington Square Bldg., MS 725 Washington, D.C. 20240 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 6704-45 Product Name TFM HP Sea Lamprey Larvicide	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated
<input type="checkbox"/> Resubmission in response to Agency letter dated	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION
JAN
- 5 2011

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of label revisions per PR Notice 2007-4 with other administrative changes (details on Attachment 1).

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Terrance D. Hubert, Ph.D.	Title Authorized Company Agent	Telephone No. (include Area Code) 608-781-6227
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Authorized Company Agent	
4. Typed Name Terrance D. Hubert, Ph.D.	5. Date Dec 14, 2010	



United States Department of the Interior

U.S. GEOLOGICAL SURVEY

Upper Midwest Environmental Sciences Center
2630 Fanta Reed Road
La Crosse, Wisconsin 54603

December 14, 2010

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: Notification of revised label per PR Notice 2007-4 and other administrative changes for TFM HP Sea Lamprey Larvicide, Reg. No. 6704-45 (basic and alternate formulations)

To the Office of Pesticide Programs,

The purpose of this submission is to notify the Agency of a revised label for TFM HP Sea Lamprey Larvicide, Reg. No. 6704-45 (basic and alternate formulations) per PR Notice 2007-4, and other minor administrative changes. Revisions are detailed on Attachment 1 of Form 8570-1 and on the marked-up version of the label. Enclosed you will find:

- Form 8570-1 and Attachment 1
- Revised product label – marked-up version
- Revised product label – final version

If you have questions, or need additional information, please contact me or Jane Rivera by phone at (608)781-6214, or by e-mail at jerivera@usgs.gov.

Sincerely,

Leanne O'Brien

Terrance D. Hubert, Ph.D.
Authorized Company Agent
Phone: (608)781-6227
E-mail address: thubert@usgs.gov

JER:jer

A collection of 20 small, stylized line drawings of various birds, including sparrows, finches, and songbirds, arranged in a grid-like fashion. The drawings are simple, using only outlines and minimal shading to represent the birds' forms and features like beaks and wings.

Attachment 1 to Form 8570-1, Notification of revised label per PR Notice 2007-4 and other administrative changes for TFM HP Sea Lamprey Larvicide, Reg. No. 6704-45

Notification of label changes per PR Notice 2007-4 and PR Notice 98-10. The following revisions were made to this label:

Page 4 of Label

1. Under Application Directions, the "Sea Lamprey Control Document No. SLC-92-001" was added to be consistent with other lampricide labels

Page 5 of Label (Container Disposal statement revised as per PR Notice 2007-4)

1. Deleted "Triple rinse (or equivalent) container and then offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place. Consult federal, provincial, state, or local authorities for approved alternative procedures."
2. Added "Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or reconditioning if appropriate, or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities."

This notification is consistent with the guidance in PR Notice 2007-4 and PR Notice 98-10. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 2007-4 and PR Notice 98-10, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

U.S. ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460
OFFICE OF PESTICIDE REGISTRATION
WASHINGTON, D.C. 20460
TELEPHONE (202) 554-6000
FAX (202) 554-6001
WWW.EPA.ORG

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[FRONT PANEL]

RESTRICTED USE PESTICIDE

DUE TO ACUTE HAZARDS TO THE EYE AND SKIN AND TO NON-TARGET ORGANISMS, NEED FOR HIGHLY SPECIALIZED APPLICATOR TRAINING, AND NEED FOR SPECIALIZED EQUIPMENT.

ONLY FOR SALE TO AND APPLICATION BY CERTIFIED APPLICATORS OF THE U.S. FISH AND WILDLIFE SERVICE, FISHERIES AND OCEANS CANADA AND PROVINCIAL AND STATE FISH AND GAME EMPLOYEES

TFM HP Sea Lamprey Larvicide

Active Ingredient:

TFM, 3-Trifluoromethyl-4-nitrophenol, sodium salt 36.5%
Inert Ingredients: 63.5%
TOTAL: 100.0%

*Equivalent to (33.0%) 3-Trifluoromethyl-4-nitrophenol

This product contains ___ lbs. of TFM per gallon

Batch No. _____ Net Contents _____ lbs.

KEEP OUT OF REACH OF CHILDREN

DANGER-POISON



NOTIFICATION

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FIRST AID

Have label with you when obtaining treatment advice.

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
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.

[FRONT PANEL]

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: You may also contact 1-800-858-7378 for health concerns, emergency medical treatment information or pesticide incidents	

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured For:

Fish and Wildlife Service
United States Department of Interior
18th and C Streets, NW
Washington, DC 20240

EPA Reg. No. 6704-45

EPA Est. _____

[LEFT PANEL]
PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Acute Hazards: Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Harmful if absorbed through skin or inhaled.

Hazard Avoidance: Do not get in eyes, on skin, or on clothing. Avoid breathing vapor. Wear protective clothing as listed under "Personal Protective Equipment." Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT:

Handlers must wear:

- Coveralls or rubber apron over long-sleeved shirt and long pants
- Chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, or polyvinyl chloride [PVC], Viton)
- Chemical-resistant footwear plus socks
- Protective eyewear (goggles or face shield)

Applicators who apply diluted product must wear:

- Chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, or polyvinyl chloride [PVC], Viton)

USER SAFETY REQUIREMENTS:

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are provided for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS:

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This chemical is toxic to fish and aquatic invertebrates. Non-target organisms may be killed at rates recommended on this label. Directions for use must be strictly followed to minimize hazards to non-target organisms. **Do not** contaminate water by the cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

Combustible. Do not use and store near open flame.

Not to be used by unauthorized personnel.

[RIGHT PANEL]

DIRECTIONS FOR USE

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

CATEGORY OF APPLICATOR: Aquatic Pest Control.

USE RESTRICTIONS:

For control of Sea Lamprey Larvae (*Petromyzon marinus*) in the Great Lakes Basin, the Lake Champlain system and the Finger Lakes.

Aerial applications of this product are prohibited.

Local, State, and Provincial Fish and Game Agencies must be contacted before product is applied. Municipalities that use streams requiring treatment as potable water sources must be notified of the impending treatment at least 24 hours prior to application. Known agricultural irrigators that use streams requiring treatment as a source of irrigation water must be notified of the impending treatment at least 24 hours prior to application. Agricultural irrigators must turn off their irrigation system for a 24-hour period during and after treatment.

PRETREATMENT DIRECTIONS:

Pretreatment surveys are always made to determine the presence of sea lamprey larvae. All waters in the Great Lakes Basin, the Lake Champlain system, and the Finger Lakes selected for treatment must first be analyzed on site to determine both the minimum concentration of TFM HP required to kill sea lamprey larvae and the maximum concentration that can be applied without causing undue mortality of non-target organisms. "Analysis" constitutes live animal toxicity tests, or the use of a multiple regression relating toxicity test results to on-site determination of total alkalinity and pH of the body of water.

APPLICATION DIRECTIONS:

When applying this product, do not apply in a way that will cause the concentrated product to contact unprotected workers or other persons, either directly or through drift.

Persons applying TFM HP must follow the Sea Lamprey Control Document No. SLC-92-001 [Standard Operating Procedures for Application of Lampricides in the Great Lakes Fishery Commission Integrated Management of Sea Lamprey (*Petromyzon marinus*) Control Program], and ensure that the correct application rates are used. Prior to and during the application of this chemical, take appropriate actions to notify public water users including notification actions specified in this manual.

The concentration of TFM HP needed to kill sea lamprey larvae may vary depending upon water chemistry. Measure volume or flow-rate and add the amount of TFM HP necessary at rates based on the foregoing analysis. Dispense TFM HP by application devices sufficiently accurate to maintain predetermined concentration. Concentration in the body of water must be monitored either by spectrophotometric analysis or high-performance liquid chromatography. TFM HP may be used by itself in the treatment of waters in the Great Lakes Basin, the Lake Champlain system, and the Finger Lakes. At times, however, formulations of Bayluscide (EPA REG. NO. 6704-88) may be used in combination with TFM HP (EPA REG. NO. 6704-45) for control of sea lamprey larvae. Application of Bayluscide may be as a simultaneous addition with TFM HP to reduce the amount of TFM HP required or as a subsequent addition downstream to enhance TFM HP larvicidal activity. Prior to using Bayluscide- TFM HP, pretreatment surveys must be made to determine the presence of larvae. When using Bayluscide in

[RIGHT PANEL]

combination with TFM HP, mix in proportions that result in a final concentration of Bayluscide of not more than 2% of TFM HP by weight (based on active ingredient). Bayluscide may be added to TFM HP in two ways:

1. One method of application is to apply both lampricides at the primary application site. TFM HP is metered into the stream while Bayluscide is applied with a separate pump system in amounts calculated to deliver the desired ratio of Bayluscide to TFM HP. Bayluscide is applied separately to provide a uniform application and to enhance control of concentration.
2. A second application method is to apply Bayluscide into an existing TFM HP block. Because a TFM HP block can be diluted by ground water, swamp seepage, untreated tributaries, occasional rain, or other conditions that cannot be included when the application rates are calculated, the toxicity of the block in the stream must be raised by the addition of TFM HP or Bayluscide. The latter may be used in place of TFM HP. In these situations, TFM HP alone is pumped into the stream at the primary application site. Bayluscide is introduced into the TFM HP block at a point or points downstream in amounts calculated to produce the desired Bayluscide to TFM ratio.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

STORAGE: Store only in original container, in a dry place inaccessible to children, pets and domestic animals.

SPILLS: Handle and open container in a manner that will prevent spillage. If the container is leaking or material is spilled for any reason or cause, contain spill with a barrier of absorbent material. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away. For decontamination procedures or any other assistance that may be necessary, contact Chemtrec at 1-800-424-9300.

PESTICIDE DISPOSAL: TFM HP spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or reconditioning if appropriate, or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.