

[LABEL – SECONDARY PANEL]

BAYLUSCIDE EMULSIFIABLE CONCENTRATE

LAMPRICIDE

for control of sea lamprey larvae

RESTRICTED

READ THE LABEL BEFORE USING

GUARANTEE: Niclosamide (present as the 2-aminoethanol salt): 16.9 %

REG NO. 27407 PCP ACT

NET CONTENTS ____ LITRES

DANGER – CORROSIVE TO THE EYES AND SKIN

POTENTIAL SKIN SENSITIZER



Registrant name:

United States Department of the Interior
U.S. Fish and Wildlife Service

Public inquiries contact:
Fisheries and Oceans Canada
Sea Lamprey Control Centre
1219 Queen Street East
Sault Ste. Marie, Ontario P6A 2E5
Phone: (705)941-3000

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on this label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

NATURE OF RESTRICTION: Only for sale to, and use only by, certified applicators of the U.S. Fish and Wildlife Service, Fisheries and Oceans Canada in programs approved by the Great Lakes Fishery Commission.

RESTRICTED USES

DIRECTIONS FOR USE:

Bayluscide Emulsifiable Concentrate Lampricide may be used as a synergist in combination with registered pest control products containing TFM [Sea Lamprey Larvicide Lamprecid® (PCP No. 11763) and TFM Hp Sea Lamprey Larvicide (PCP No. 29180)] for control of sea lamprey larvae (*Petromyzon marinus*) in waters in the Great Lakes basin and the Lake Champlain systems.

Persons applying Bayluscide Emulsifiable Concentrate Lampricide must follow Sea Lamprey Control Document No. SLC-92-001, “Standard Operating Procedure for Application of Lampricides in the Great Lakes Fishery Commission’s Integrated Management of Sea Lamprey (*Petromyzon marinus*) Control Program,” and ensure that the correct rates of application are used.

Application of Bayluscide Emulsifiable Concentrate Lampricide may be made as a simultaneous addition with TFM on larger rivers to reduce the amount of TFM required or as a subsequent addition downstream to enhance TFM larvicidal activity.

Before using Bayluscide Emulsifiable Concentrate Lampricide and TFM, pretreatment surveys must be made to determine larvae populations.

All waters selected for treatment must first be analyzed on site to determine both the minimum concentration of material required to kill lamprey larvae and the maximum concentration that can be applied without causing undue fish mortality. “Analysis” constitutes live animal bioassays or the use of a regression established by past bioassays and total alkalinity and conductivity of water.

Lethal concentrations may vary depending upon water chemistry and temperature. Carefully calculate stream flow-rate and add the amount of material necessary to kill lamprey larvae with minimal fish mortality. Metering devices will be used that accurately deliver application rates as calculated. Chemicals will be monitored calorimetrically or by gas chromatography to insure that minimum lethal concentrations for sea lampreys are maintained and maximum allowable concentrations are not exceeded.

Aerial applications of Bayluscide Emulsifiable Concentrate Lampricide are prohibited.

MIXING AND APPLICATION DIRECTIONS:

Prior to and during the application of this chemical, take appropriate actions to notify public water users including notification actions specified on this label. When using Bayluscide Emulsifiable Concentrate Lampricide as an additive in combination with TFM, mix in proportions that result in a final stream concentration of Bayluscide Emulsifiable Concentrate Lampricide not more than 2% of TFM by weight (based on active ingredient niclosamide). Bayluscide Emulsifiable Concentrate Lampricide may be added in two ways:

1. One method is to apply both Bayluscide Emulsifiable Concentrate Lampricide and TFM at the primary application site. TFM is metered into the stream while Bayluscide Emulsifiable Concentrate Lampricide is applied with a separate pump system in amounts calculated to deliver the desired ratio of Bayluscide Emulsifiable Concentrate Lampricide to TFM.
2. A second application method is to apply Bayluscide Emulsifiable Concentrate Lampricide into an existing TFM bank. Because a TFM bank 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 bank in the stream must be raised by the addition of TFM or Bayluscide Emulsifiable Concentrate Lampricide. The latter may be used in place of TFM. In these situations, TFM alone is pumped into the stream at the primary application site. Bayluscide Emulsifiable Concentrate Lampricide is introduced into the TFM bank at a point or points downstream in amounts calculated to produce the desired Bayluscide Emulsifiable Concentrate Lampricide to TFM ratio.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

DANGER. Corrosive to the eyes. Causes skin irritation. Potential dermal sensitizer. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Wear goggles or face shield, approved respirator (NIOSH/MSHA TC-23C-54 or equivalent), a chemical resistant suit (e.g. Tyvek), and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

Do not apply by air.

ENVIRONMENTAL HAZARDS:

This chemical is toxic to fish, aquatic invertebrates and aquatic plants. Non-target aquatic 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 when cleaning equipment or disposing of equipment wash waters.

Local 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. 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 systems for a 24-hour period during and after treatment

Not to be used by unauthorized personnel.

FIRST AID:

IF SWALLOWED: Call a poison control centre 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for further treatment advice.

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 a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Probable mucosal damage may contraindicate the use of gastric lavage. No specific antidote is available. Treat symptomatically.

STORAGE AND DISPOSAL/DECONTAMINATION

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

STORAGE: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

DISPOSAL/DECONTAMINATION: Thoroughly rinse the empty container in the treatment area. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.