

FRONT PANEL

RESTRICTED USE
PESTICIDE

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 or persons under their direct supervision.

TFM BAR

Active Ingredient:

a,a,a-TRIFLUORO-4-NITRO-m-CRESOL,
FREE CRESOL: 23.00%

Inert Ingredients: 77.00%

TOTAL: 100.00%

WARNING

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

NO KNOWN EFFECTIVE ANTIDOTE:
IF SWALLOWED: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. Give 1 or 2 glasses of milk or water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.
IF ON SKIN, flush liberally with water for at least 15 minutes and wash with soap if possible.
IF IN EYES, flush liberally with water for at least 15 minutes; get medical attention.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

MFG. BY:
TOWN, COUNTRY:
PACKED FOR: U.S. FISH AND WILDLIFE SERVICE
TOWN, STATE: WASHINGTON, D.C. 20240
ESTABLISHMENT NO. 8340-WG-4
EPA REGISTRATION NO. 6704-24
NET CONTENTS _____

ACCEPTED

JAN 4 1984

6704-816

LEFT PANEL

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
‡ & DOMESTIC ANIMALS ‡

WARNING: For use by trained operators only. May be harmful or fatal if swallowed or absorbed through skin. May cause eye or skin irritation. Care must be exercised in handling the TFM Bar. Protective clothing, rubber gloves, are necessary for the minimum protection of handlers.

ENVIRONMENTAL HAZARDS

Directions for use must be strictly followed to minimize hazard to non-target organisms. Do not contaminate water by cleaning of equipment or disposal of wastes.

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. 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.

Not to be used by unauthorized personnel.

Nr. 2039

CATEGORY OF APPLICATOR

Aquatic pest control.

STORAGE AND DISPOSAL

STORAGE: TFM Bars should be stored at 85°F or less and in an area where spills or leakage of the material can be contained. If product becomes soft or liquified due to high temperature, cooling to below 85°F will return it to a solid state.

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

DISPOSAL: Wastes resulting from the use of TFM Bars may be disposed of on site or at an approved waste disposal facility.

Dispose of plastic wrappers and packing cartons in a sanitary landfill or by incineration, or, if allowed by state or local authorities, by burning. If burned, stay out of smoke.

RIGHT PANEL

DIRECTIONS FOR USE

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

Pretreatment surveys are always made to determine abundance of sea lamprey larvae (Petromyzon marinus). Each body of water on the Great Lakes selected for treatment must first be analysed on site to determine both the minimum concentration of TFM 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 bioassay, or the use of a multiple regression relating bioassay results to on-site determination of total alkalinity and conductivity of the body of water.

The concentration of TFM needed to kill sea lamprey larvae may vary depending upon water chemistry and temperature. Measure volume or flow-rate and add the amount of chemical necessary at rates based on the foregoing analysis. Concentration in the body of water must be monitored by colorimetric analysis, gas chromatography, or high performance liquid chromatography.

When submerged in water, TFM bars dissolved in approximately 8 hours at 18°C and 10 hours at 12°C. Each bar will treat 0.25 cubic feet per second of flow at concentrations of 1 milligram per liter for 8 hours at 18°C or 0.8 milligram per liter for 10 hours at 12°C. Use 4 bars per cubic feet per second at 18°C and 5 bars per cubic feet per second at 12°C for each part per million of TFM desired.

For best results, TFM bars should be placed in the stream where current velocity is less than 0.25 feet per second. More rapid velocities will cause the bars to dissolve faster.

Each bar should be suspended at least one inch above the bottom of the stream to permit movement of water on all sides.