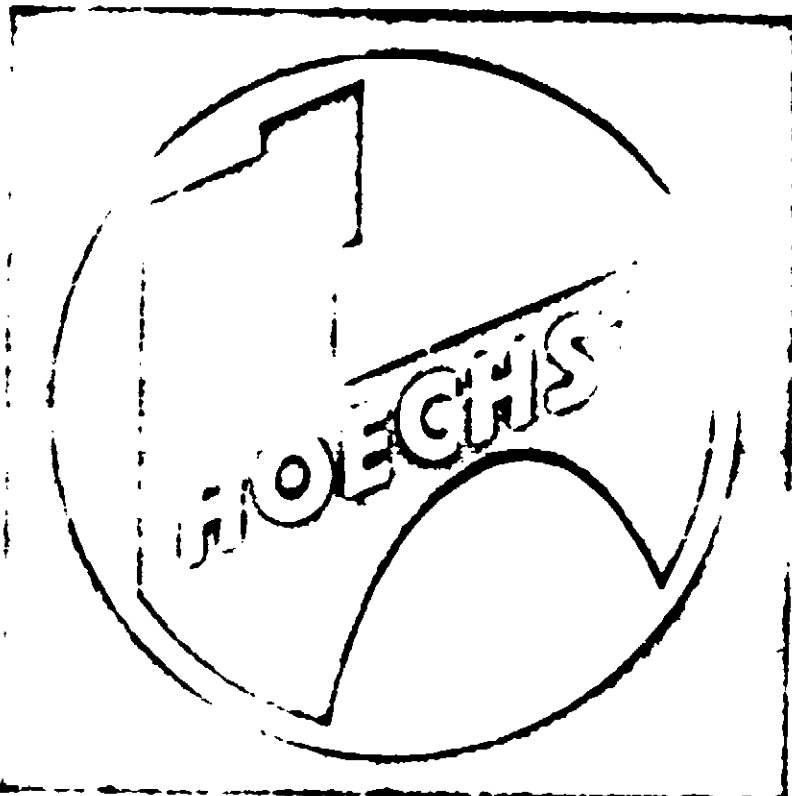


POISON

DANGER



**FARBWERKE HOECHST AG
6230 Frankfurt (M)-80 - Germany**

KEEP OUT OF REACH OF CHILDREN

For use by trained operators only. May be fatal if swallowed or absorbed through skin. Avoid contact with skin and eyes. May produce severe burns; care must be exercised in handling the concentrated forms of the larvicide. Protective clothing, rubber gloves, and face masks are necessary for the minimum protection of handlers. Wash thoroughly after handling.

Containers should be rendered useless by piercing after use and flushed with water - then buried. Spillage should be flushed with water.

NO KNOWN EFFECTIVE ANTIDOTE:

If swallowed, CALL PHYSICIAN IMMEDIATELY. INDUCE VOMITING by giving milk or white of egg beaten in water, then a tablespoon of salt in glass of warm water and repeat until vomit fluid is clear. Repeat milk or white of egg beaten with water. In case of contact, flush skin or eyes with water for at least 15 minutes; for eyes, get medical attention.



**FARBWERKE HOECHST AG
6230 Frankfurt (M)-80 - Germany**

REQUIREMENTS FOR APPLICATION

Each stream selected for treatment MUST first be bioassayed to determine both the minimum concentration of material required to kill lamprey larvae and the maximum concentration that can be applied without causing fish mortality. Lethal concentration will vary depending upon water hardness and temperature. Carefully calculate stream flow - rate and add the concentration of material necessary to kill lamprey larvae, providing such concentration falls below that which can be applied without killing fish.

Material dispensed by metering devices sufficiently accurate to maintain predetermined concentration. Concentration in stream monitored by colorimetric analysis.

Contact your State Fish and Game Agency before apply this product. Not to be used by unauthorized personnel.

ACCEPTED
3/4/71
UNDER THE FEDERAL INSECTICIDE ACT
FOR REGISTERED PESTICIDES
ED UNDER NO. 6709-4 SUBULI
TO ATTACHED COMMENTS.

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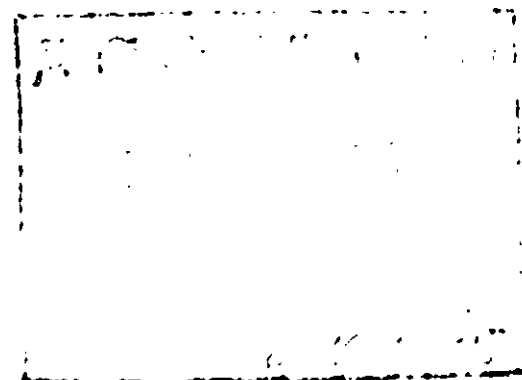
Control No.

DRUM

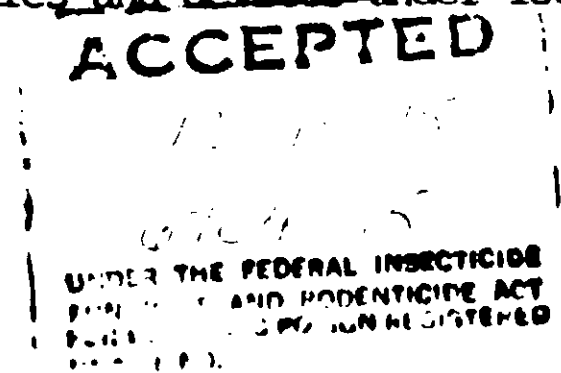
M-44 Sodium Cyanide
Use Restriction Bulletin
U.S. Fish and Wildlife Service
(EPA Registration No. 6704-75)

This Bulletin is an essential part of the label for this registration, and a copy including the carton label is to be provided to each applicator.

1. Use of the M-44 device shall conform to all applicable Federal, State, and local laws and regulations.
2. Applicators shall be subject to such other regulations and restrictions as may be prescribed from time to time by the U.S. Environmental Protection Agency.
3. Each applicator of the M-44 device shall be trained in: (1) safe handling of the capsules and device; (2) proper use of the antidote kit; (3) proper placement of the device; (4) necessary record keeping.
4. M-44 devices and sodium cyanide capsules shall not be sold or transferred to, or entrusted to the care of any person not supervised or monitored, by the U.S. Fish and Wildlife Service or any agency not working under a Fish and Wildlife Service cooperative agreement.
5. The M-44 device shall only be used to take wild canids suspected of preying upon livestock and poultry.
6. The M-44 device shall not be used solely to take animals for the value of their fur.
7. The M-44 device shall only be used in instances where actual livestock losses due to predation by wild canids are occurring or, based on documented prior experience indicating a recurring or seasonal predator problem in a specific area, where actual livestock losses due to wild canid predators can reasonably be expected to occur. In each case an evaluation will be made and documented so as to include livestock losses and evidence of depredating species prior to application of M-44 devices.
8. The M-44 device shall not be used in: (a) National or State Parks; (b) National or State Monuments; (c) Federally designated wilderness areas; (d) Wildlife refuge areas; (e) Areas within national forests or other Federal lands specifically set aside for recreational use; (f) prairie dog towns; and (g) Areas where exposure to the public and family pets is probable.
9. The M-44 device shall not be used in areas where threatened or endangered animal species might be adversely affected. Each applicator shall be issued a map which clearly indicates such areas.
10. One person other than the individual applicator shall have knowledge of the exact location of all M-44 devices in the field.
11. In areas where more than one governmental agency is authorized to place M-44 devices, the agencies shall exchange placement information and other relevant facts to insure that the maximum number of M-44 devices is not exceeded.
12. The M-44 device shall not be placed within two hundred (200) feet of any lake, stream, or other body of water, provided that natural depression areas which catch and hold rainfall only for short periods of time shall not be considered "bodies of water" for purposes of this restriction.
13. The M-44 device shall not be placed in areas where food crops are planted.
14. The M-44 device shall be placed at least fifty (50) feet distance or at such greater distance from any public road or pathway as may be necessary to remove it from the sight of persons and domestic animals using any such public road or pathway.
15. The density of M-44 devices used shall be the minimum necessary to reduce losses as a rule, but the maximum density of M-44 devices in any 100 acre pastureland shall not exceed ten (10), and in any one square mile of open range shall not exceed twelve (12).
16. No M-44 device shall be placed within thirty (30) feet of a livestock carcass used as a draw station; no more than four (4) M-44 devices shall be placed at any single draw station; and no more than three (3) draw stations shall be operated in any one square mile of area.
17. Supervisors of applicators shall check the records, warning signs, and M-44 devices of each applicator at least once a year to verify that all applicable laws, regulations, and restrictions are being strictly followed.
18. Each M-44 device shall be inspected by the applicator at least once a week to check for interference or unusual conditions and shall be serviced as required.
19. Damaged or non-functional M-44 device shall be removed from the field.
20. An M-44 device shall be removed from an area if, after thirty (30) days there is a cessation of losses due to target predators in the area.
21. All persons authorized to possess and use sodium cyanide capsules and M-44 devices shall store such capsules and devices under lock and key.



U.S. Fish and Wildlife Service
BUREAU OF WILDLIFE MANAGEMENT
WASHINGTON, D.C. 20540



22. Used sodium cyanide capsules shall be disposed of by deep burial or at a proper landfill site.
23. Bilingual warning signs in English and Spanish shall be used in all areas containing M-44 devices. All such signs shall be removed when M-44 devices are removed.
 - a. Main entrances or commonly used access points to areas in which M-44 devices are set shall be posted with warning signs to alert the public to the toxic nature of the cyanide and to the danger to pets. Signs shall be inspected weekly to insure their continued presence and insure that they are conspicuous and legible.
 - b. An elevated sign shall be placed within six (6) feet of each individual M-44 device warning persons not to handle the device.
24. Each authorized or licensed applicator shall carry an antidote kit on his person when placing and/or inspecting M-44 devices. The kit shall contain at least six (6) pearls of amyl nitrite and the correct premixed proportions of sodium nitrite and sodium thiosulfate for intravenous injections, together with instructions on the use of each.
25. In all areas where the use of the M-44 device is anticipated, local medical people shall be notified of the intended use. This notification may be through a poison control center, local medical society, the public health service, or directly to a doctor or hospital. They shall be advised of the antidote and first-aid measures required for treatment of cyanide poisoning. It shall be the responsibility of the supervisor to perform this function.
26. Each applicator shall keep records dealing with the placement of the device and the results of each placement. Such records shall include, but need not be limited to:
 - a. The number of devices placed.
 - b. The location of each device placed.
 - c. The dates of each placement, inspection and removal.
 - d. The number and location of devices which have been discharged and the apparent reason.
 - e. Species of animals taken.
 - f. All accidents or injuries to humans or domestic animals.

