



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 27, 2018

Kent Drake  
Wyoming Department of Agriculture  
2219 Carey Ave  
Cheyenne, WY 82002

Subject: Label Amendment – To remove the antidote language, revise the endangered species language to correspond with species no longer listed, etc., and to update PPE requirements  
Product Name: M-44 Cyanide Capsules  
EPA Registration Number: 35978-1  
Application Date: February 9, 2018  
Decision Number: 538662

Dear Mr. Drake:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements 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 Agency 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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Gene Benbow by phone at 703-347-0235, or via email at [Benbow.Gene@epa.gov](mailto:Benbow.Gene@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Gene Benbow".

Gene Benbow, Product Manager 7  
Invertebrate & Vertebrate Branch 3  
Registration Division (7505P)  
Office of Pesticide Programs

# RESTRICTED USE PESTICIDE

## DUE TO INHALATION HAZARD TO HUMANS AND THE NEED FOR HIGHLY SPECIALIZED APPLICATOR TRAINING

For retail sale and distribution to and use only by Certified Applicators who have taken the required additional training, who are certified specifically to use M-44 Sodium Cyanide Capsules in M-44 ejector units, and for whom the Wyoming Department of Agriculture assumes a supervisory role with respect to the use of this product.

### M-44 CYANIDE CAPSULES

For use in the M-44 ejector device to control coyotes (*Canis latrans*), red fox (*Vulpes vulpes*), gray fox (*Urocyon cinereoargenteus*), and wild dogs which are: (1) suspected of preying upon livestock and poultry; (2) suspected of preying upon federally designated Threatened or Endangered Species; or, (3) vectors of communicable disease.

#### ACTIVE INGREDIENT

Sodium Cyanide..... 91.06%

OTHER INGREDIENTS ..... 8.94%

TOTAL..... 100.00%

**A C C E P T E D**

04/27/2018

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

35978-1

**KEEP OUT OF REACH OF CHILDREN**

**DANGER - PELIGRO**

**POISON**



#### IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice. Prompt treatment is of the utmost importance.
- Rinse mouth with water.
- Remove contaminated clothing but keep patient warm.
- Do not induce vomiting unless told to by a poison control center or doctor.
- Do not give anything to an unconscious person.

#### IF INHALED:

- Move person to fresh air, have him lie down.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration.
- Call a poison control center 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 center or doctor for 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 eyes.
- Call a poison control center or doctor for treatment advice.

Have the product label with you when calling a poison control center or doctor, or going for treatment. If you need immediate medical attention, call the Poison Control Center at 1-800-222-1222 or a doctor. For non-emergency information concerning this product, call the National Pesticide Information Center at 1-800-858-7378.

**SEE NEXT PAGE FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

**WYOMING DEPARTMENT OF AGRICULTURE  
2219 CAREY AVENUE  
CHEYENNE, WY 82002**

**EPA Reg. No. 35978-1**

**Net Contents: \_\_\_\_\_  
Batch Code No.: \_\_\_\_\_**

# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

# DANGER – PELIGRO POISON

**READ THIS LABEL:** Read the entire label and follow all applicable directions, restrictions and precautions. This label must be in the possession of the user at the time of pesticide application.

**ACUTE HAZARDS:** Sodium cyanide may be fatal if swallowed or inhaled.

**HAZARD AVOIDANCE:** Do not get in eyes, on skin, or on clothing. Use only with adequate ventilation and do not breathe the gas or dust. Wear protective clothing and face protection as listed under “**PERSONAL PROTECTIVE EQUIPMENT**.” Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Do not use in areas frequented by humans or domestic dogs.

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

**Applicators must wear:**

- Long-sleeved shirt and pants,
- Shoes plus socks,
- Gloves, and
- A full face shield.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to wildlife. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposing of wastes.

## CHEMICAL HAZARDS

Contact with acid liberates poisonous and flammable hydrogen cyanide gas.

## ENDANGERED SPECIES CONSIDERATIONS

It is a Federal offense to use any pesticide in a manner that results in the death of an endangered species. Use of this product is prohibited in areas where such use might jeopardize the continued existence of endangered species. Contact the local office of the U.S. Fish and Wildlife Service to determine the locations of habitats occupied by any endangered species which occur in or near the intended area of product use.

## DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Misuse may result in civil or criminal enforcement action. A copy of this label must be in the possession of the user at the time that the product is applied.**

For use in the M-44 ejector device to control coyotes (*Canis latrans*), red fox (*Vulpes vulpes*), gray fox (*Urocyon cinereoargenteus*), and wild dogs which are: (1) suspected of preying upon livestock and poultry; (2) suspected of preying upon federally designated Threatened or Endangered Species; or, (3) vectors of communicable disease. For use on pastures, range land, and forest land, only.

**IMPORTANT:** Before handling or placing M-44 cyanide capsules or M-44 ejector devices, consult the “**USE RESTRICTIONS**” below for specific use directions, additional precautions, information on endangered species, and warning signs.

**WARNING SIGNS:** Bilingual (Spanish/English) warning signs must be posted in the general area and at the application site.

## DIRECTIONS FOR USE (continued) USE RESTRICTIONS

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 (EPA).
3. Each applicator of the M-44 device shall be trained in: (1) safe handling of the capsules and device, (2) proper placement of the device, and (3) 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 Wyoming Department of Agriculture.
5. The M-44 device shall only be used to take wild canids: (1) suspected of preying on livestock or poultry; (2) suspected of preying on federally designated threatened or endangered species; or (3) that are vectors of a communicable disease.
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 on or within 7 mile of a ranch unit of allotment where losses due to predation by wild canids are occurring or where losses can be reasonably expected to occur based upon recurrent prior experience of predation on the ranch unit or allotment. Full documentation of livestock depredation, including evidence that such losses were caused by wild canids, will be required before applications of the M-44 are undertaken. This use restriction is not applicable when wild canids are controlled to protect federally designated threatened or endangered species or are vectors of a communicable disease.
8. The M-44 device shall not be used: (a) in areas within national forests or other federal lands set aside for recreational use, (b) areas where exposure to the public and family and pets is probable, (c) in prairie dog towns, or (d) except for the protection of federally designated threatened or endangered species, in National or State Parks; National or State Monuments; federally designated wilderness areas; and wildlife refuge areas.

Areas set aside for recreational use described in subsection (a) of this use restriction include areas where and when there are scheduled recreational events, areas identified on maps with "recreation" in the title, areas where developed or known camping occurs, areas near designated or known recreational trail heads, and designated or known vehicle access sites. Prior to M-44 deployment, applicators must determine whether this use restriction affects their intended M-44 use. For state lands in Wyoming, the Wyoming Department of Agriculture M-44 applicator supervisor will consult with the director, or his or her designee of the Wyoming State Office of Lands and Investments, regarding land management and licensed M-44 use.

9. The M-44 device shall not be used in areas where federally listed threatened or endangered animal species might be adversely affected. Each applicator shall be issued a map, prepared by or in consultation with the U.S. Fish and Wildlife Service, which clearly indicates such areas.
  - (1) Except as provided in paragraph (2) below, the M-44 device shall not be used in areas occupied by any federally listed threatened or endangered species or any federally listed experimental populations as set forth in the most current versions of maps that have been prepared or approved by the U.S. Fish and Wildlife Service (FWS). At the time of application, the applicator must be in possession of the most current map, if such map exists, that covers the application site. If maps covering the application site do not exist, then the M-44 applicator must, prior to application, consult with FWS to determine whether the application site is in an area occupied by listed animal species. Any use of the M-44 thereafter shall be consistent with any conditions or limitations provided by FWS through such consultation.
  - (2) Notwithstanding paragraph (1), the M-44 device may be used in areas occupied by endangered, threatened, or experimental populations if use in such areas a) has been addressed by FWS in special regulations pursuant to section 4(d) of the Endangered Species Act (ESA), in requirements imposed through incidental take statements or incidental take permits, or in other applicable agreements with the FWS, and b) the applicator's use of the M-44 is consistent with any conditions or limitations provided by FWS for such use.
10. One person other than the individual applicator shall have knowledge of the exact placement 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 ensure that the maximum number of M-44's allowed is not exceeded.
12. The M-44 device shall not be placed within 200 feet of any lake, stream, or other body of water, provided that natural depression areas which catch and hold rainfall 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.

## DIRECTIONS FOR USE (continued) USE RESTRICTIONS (continued)

14. The M-44 device shall be placed at least at a 50-foot distance or at such a greater distance from any public road or pathway as may be necessary to remove it from sight of persons and domestic animals using any such public road or pathway.
15. The maximum density of M-44's placed in any 100 acre pasture land areas shall not exceed 10; and the density in any 1 square mile of open range shall not exceed 12.
16. No M-44 device shall be placed within 30 feet of a livestock carcass used as a draw station. No more than four M-44 devices shall be placed per draw station and no more than five draw stations shall be operated per square mile.
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 at least once every week, weather permitting access, to check for interference or unusual conditions and shall be serviced as required.
19. Damaged or nonfunctional M-44 devices shall be removed from the field.
20. An M-44 device shall be removed from an area if, after 30 days, there is no sign that a target predator has visited the site.
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.
22. Used sodium cyanide capsules shall be disposed of by deep burial or at a proper landfill site.


Incineration may be used instead of burial for disposal. Place the capsules in an incinerator or refuse hole and burn until the capsules are completely consumed. Capsules may be incinerated using either wood or diesel fuel.
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 ensure their continued presence and ensure that they are conspicuous and legible.
  - b. An elevated sign shall be placed within 25 feet of each individual M-44 device warning persons not to handle the device.
24. Each authorized or licensed applicator shall carry on his person instructions for obtaining medical assistance in the event of accidental exposure to sodium cyanide.
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 antidotal and first-aid measures required for treatment of cyanide poisoning. It shall be the responsibility of the supervisor to perform this function.
26. Each authorized M-44 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 date of each placement, as well as the date of each inspection.
  - d. The number and location of devices which have been discharged and the apparent reason for each discharge.
  - e. Species of all animals taken.
  - f. All accidents or injuries to humans or domestic animals.

### STORAGE AND DISPOSAL

**PESTICIDE STORAGE:** Store M-44 cyanide capsules under lock and key in a dry place away from food, domestic animals and acids. Do not contaminate feed or food stuffs.

**PESTICIDE DISPOSAL:** Dispose of defective and used M-44 capsules by burial in a safe location in the field or at a proper landfill site. Incineration may be used instead of burial for disposal of used capsules. Place capsules in an incinerator or refuse hole and attend the burn until the contaminated material is completely consumed. If burned, stay out of smoke.

**CONTAINER DISPOSAL:** Styrofoam container. Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. If container is not to be recycled, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in disposing of container at approved hazardous waste disposal facilities.

RESTRICTED USE PESTICIDE  
KEEP OUT OF REACH OF CHILDREN  
DANGER - POISON  
 **M-44 Cyanide Capsules**  
Sodium Cyanide - 91.06%  
Wyoming Dept. of Agriculture  
2219 Carey Ave., Cheyenne, WY 82002  
EPA Reg. No. 35978-1

(Actual size: 1.25 inch x 0.75 inch)