

Reg # 35978-1

PM-14

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OCT 13 1994

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Mr. Henry Uhden  
Agriculture Program Coordinator  
The State of Wyoming  
Wyoming Department of Agriculture  
2219 Carey Avenue  
Cheyenne, WY 82002-0100

Dear Mr. Uhden:

Subject: M-44 Cyanide Capsules  
EPA Registration No. 35978-1  
Your Submissions Dated April 13, 1994, and June 29, 1994

The revised labeling submitted for this product is acceptable subject to the comments below.

1. The proposed revised container labels (hard stock and crack-and-peel) submitted on April 13, 1994, are acceptable.
2. The proposed revised label for the cyanide capsules submitted on June 29, 1994, is acceptable, but should bear the product's registration number, if this item can be added without sacrificing the clarity of the rest of the items on the label.
3. The proposed technical bulletin, which includes the "Use Restrictions" is acceptable, subject to the comments below.
  - a. Use Restriction #5 is the only place in your proposed revised labeling where use of this product to control wild canids that vector diseases is claimed. If you wish to make this claim, this disease vector use also should be mentioned on the label for the container.
  - b. So that Use Restriction #5 is not misinterpreted as meaning that this product may be used to kill endangered species, this restriction should be amended to read

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

"The M-44 device shall only be used to take wild canids: (1) suspected of preying on livestock and poultry, (2) suspected of preying on Federally designated threatened or endangered species, or (3) that are vectors of a communicable disease."

If you wish to drop the disease vector claim, insert "or" between "poultry" and "(2)" and end restriction #5 with "species."

Stamped copies of these documents are enclosed for your records.

This labeling is accepted under the assumption that appropriate statements of net contents will appear labels for all containers used to ship your M-44 Cyanide Capsules. The container label should leave enough space before the word "Capsules" so that the correct number can be entered into the statement of net contents.

The registration for this product is conditional. In the near future, you will receive a Reregistration Eligibility Document (RED) pertaining to the continued registration of this product. The RED may prescribe additional label changes and other requirements for continuing this product's registration.

Submit 5 copies of all final printed labeling before releasing this product for shipment under this new labeling. Please submit copies of all portions of this product's labeling when you propose to modify any of the three documents so that all portions of the labeling can have the same acceptance date.

Sincerely yours,



Robert A. Forrest  
Product Manager 14  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

3911  
ACCEPTED  
with COMMENTS  
in EPA Letter Dated

OCT 13 1994

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

35978-1

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS  
DANGER**

Sodium Cyanide may be fatal if swallowed or inhaled. Use only with adequate ventilation and do not breathe the gas or dust. When handling, setting or checking M-44 cyanide capsules, always have at least six pearls of Amyl-Nitrite readily available in case sodium cyanide is swallowed or inhaled.

While handling sodium cyanide capsules, protect hands with gloves and shield eyes to prevent burns and skin irritation. Wash thoroughly before eating or smoking.

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

**ENVIRONMENTAL HAZARDS**

This pesticide is TOXIC TO WILDLIFE. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes. The M-44 ejector device cannot be used in areas inhabited by endangered canids or felids.

**CHEMICAL HAZARDS**

Contact with acid liberates poisonous and flammable hydrogen cyanide gas.

DISTRIBUTED BY  
WYOMING DEPARTMENT  
OF AGRICULTURE  
2219 Carey Avenue  
Cheyenne, Wyoming 82002  
EPA REG. No. 35978-1  
EPA EST. No. 56228-ID-1

**RESTRICTED USE PESTICIDE**

Due to High Acute Toxicity  
and the need for highly specialized applicator training.

For retail sale to and use only by certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

**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 that depredate livestock and poultry or federally designated threatened or endangered species.

ACTIVE INGREDIENT:	Sodium Cyanide.....	91.06%
INERT INGREDIENTS:	.....	8.94%
TOTAL:	.....	100.00%
Capsules Net Weight	grams	

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**



**POISON**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED: CALL A PHYSICIAN  
OR POISON CONTROL CENTER IMMEDIATELY!**

**IF SWALLOWED OR INHALED** - Prompt treatment is of the utmost importance. Carry patient to fresh air, have him lie down. Patient should breathe the contents of an Amyl Nitrite pearl 15-30 seconds each minute if necessary, until five pearls have been used. Use artificial respiration if breathing has stopped. Remove contaminated clothing; but keep patient warm. **CALL A PHYSICIAN IMMEDIATELY.**

**IF ON SKIN** - Immediately flush with plenty of water.

**IF IN EYES** - Immediately flush with plenty of water and call a physician.

**SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

**DIRECTIONS**

It is a violation of the Federal Insecticide, Fungicide, and Rodenticide Act to use this product in a manner inconsistent with the labeling.

For use in specific areas (coyotes, red fox, gray fox, and wild dogs) that depredate livestock and poultry or federally designated threatened or endangered species. For use on forest land or where food crops are grown.

**IMPORTANT**  
Before handling capsules or M-44 ejector device, read the Use Restriction B, Precautionary Statements, additional information on endangered species, and antidotal measures.

**WARNING SIGNS**  
Bilingual (Spanish and English) warning signs must be posted in the application site.

**STORAGE**

**STORAGE:** Store under lock and key, away from food, drugs, and other stuffs.

**DISPOSAL:** Dispose of used M-44 capsules in the fill site.

1184  
with COMMENTS  
in EPA Letter Dated

OCT 13 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND**

**DOMESTIC ANIMALS 35978-1  
DANGER**

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While handling sodium cyanide capsules, protect hands with gloves and shield eyes to prevent burns and skin irritation. Wash thoroughly before eating or smoking.

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

**ENVIRONMENTAL HAZARDS**

This pesticide is TOXIC TO WILDLIFE. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes. The M-44 ejector device cannot be used in areas inhabited by endangered canids or felids.

**CHEMICAL HAZARDS**

Contact with acid liberates poisonous and flammable hydrogen cyanide gas.

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OF AGRICULTURE  
2219 Carey Avenue  
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ACTIVE INGREDIENT: Sodium Cyanide.....91.06%  
INERT INGREDIENTS.....8.94%  
TOTAL.....100.00%  
Capsules Net Weight      grams

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**



**POISON**

**STATEMENT OF PRACTICAL TREATMENT**

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IF ON SKIN - Immediately flush with plenty of water.

IF IN EYES - Immediately flush with plenty of water and call a physician.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**DIRECTIONS FOR USE**

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

For use in specific situations to reduce canids (coyotes, red fox, gray fox and wild dogs) that depredate livestock and poultry or federally designated threatened or endangered species. For use on pastures, range land and forest land only. Do not place in areas where food crops are planted.

**IMPORTANT**

Before handling or placing M-44 cyanide capsules or M-44 ejector devices, consult the Use Restriction Bulletin for specific use directions, additional precautions, information on endangered species, warning signs and antidotal measures.

**WARNING SIGNS**

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

**STORAGE AND DISPOSAL**

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

**DISPOSAL:** Dispose of defective and used M-44 capsules by burial in a safe location in the field or at a proper land-fill site.

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### ACTIVE INGREDIENT:

Sodium Cyanide.....91.06%

INERT INGREDIENTS.....8.94%

TOTAL.....100.00%

ACCEPTED  
with COMMENTS  
in EPA Lab

DEC 7 13 1994

WYOMING  
as amended  
registered

35978-1

DEPARTMENT OF AGRICULTURE  
2219 Carey Avenue  
Cheyenne, Wyoming 82002  
EPA REG. No. 35978-1  
EPA EST. No. 56228-ID-1

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threatened or endangered species.

EPA REG. NO. 35978-1

Read this entire label before  
using this product. Use only  
according to label instructions.

**KEEP OUT  
OF REACH OF CHILDREN**

DANGER



POISON

#### STATEMENT OF PRACTICAL TREATMENT

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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**DISPOSAL:** Dispose of defective and used M-44 capsules by burial in a safe location in the field or at a proper landfill site.

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**M-44 Cyanide Capsules;  
M-44 EPA Use Restrictions;  
EPA Registration No. 35978-1**

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 use of the antidote kit, (3) proper placement of the device, and (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 Wyoming Department of Agriculture.

5. The M-44 device shall only be used to take wild canids: (1) suspected of

preying on livestock, poultry, and federally designated threatened or endangered species, or (2) 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 miles of a ranch unit or 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.

8. The M-44 device shall not be used: (1) in areas within national forests or other federal lands set aside for recreational use, (2) areas where exposure to the public and family pets is probable, (3) in prairie dog towns, or, (4) except for the protection of federally designated threatened or endangered species, in national and state parks;



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national or state monuments; federally designated wilderness areas; and wildlife refuge areas.

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.

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 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 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 the 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 pastureland areas shall not exceed ten (10); and the density in any one (1) square mile of open range shall not exceed twelve (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 by the applicator 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.

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 warning persons not to handle the device shall be placed within 25 feet of each individual M-44 device.

24. Each authorized or licensed applicator shall carry an antidote kit when placing and/or inspecting M-44 devices. The kit shall contain at least six pearls of amyl nitrite and instructions on their use. Each authorized or licensed applicator shall also carry on his person instructions for obtaining medical assistance in the event of accidental exposure to sodium cyanide.

25. In areas where the use of the M-44 device is anticipated, local medical people shall be notified of the intended use. The notification may be through a poison control center, local medical society, the Public Health Service, or

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directly to a doctor or hospital. They shall be advised of the antidotal and first-aid measures required for the 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 animals taken.
- f. All accidents or injuries to humans or domestic animals.

Wyoming  
Department of Agriculture  
2219 Carey Avenue  
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