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Mr. Edward W. Schafer, Jr.
U.S. Department of Agriculture
Animal and Plant Health Inspection Service
Animal Damage Control
Building 16, Denver Federal Center
P.O. Box 25266
Denver, CO 80225-0266

Dear Mr Schafer

Subject: Sodium Fluoroacetate (Compound 1080) Livestock
Protection Collar
EPA Reg. No. 56228-22
Your letter Dated February 13, 1990

We have reviewed the labels and technical bulletins enclosed with the
subject letter and in general find them acceptable. Pursuant to PR Notice
82-2 the Agency will not send you a stamped copy.

At your next printing of the Technical Bulletin

- 1) change the fourth paragraph on page 13 from

"This strategy has not been tested on sheep so,
is not recommended for sheep at this time."

to

"As this strategy has not been tested on sheep,
it is not recommended for sheep at this time."

and

59244:I:Palmateer:M-5:KENCO:5/2/90:8/2/90:sw:vo:dd:sw

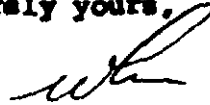
CONCURRENCES

SYMBOL							
SURNAME							
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- 2) change "Lake of the woods" to "Lake of the Woods" in list of Minnesota counties on page 19.

If you have any questions please contact Steve Palmateer at (703) 557-4408.

Sincerely yours,



William H. Miller
Product Manager (16)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

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

DANGER

May be fatal if swallowed. Wear waterproof gloves when handling collars. Wash hands after handling collars or animals that have been contaminated with 1080 solution. Do not use contaminated animals for food or feed.

ENVIRONMENTAL HAZARDS

This pesticide is very highly toxic to wildlife. Birds and mammals feeding on carcasses of contaminated livestock may be killed. Keep out of any body of water. Apply this product only as specified on this label.

**ENDANGERED SPECIES
CONSIDERATIONS**

NOTICE: It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species.

The use of 1080 in the Livestock Protection Collar has been determined to pose a hazard to several endangered species. See technical bulletin (use restriction No. 15) for specific areas where the 1080 collar cannot be used or approval must be obtained from the U.S. Fish and Wildlife Service prior to use.

NOTE TO PHYSICIAN

WARNING SYMPTOMS: 1080 poisoning results from the transformation of fluoroacetate into fluorocitrate within cell mitochondria. Poisoning is characterized by a symptom-free latent period of 1/2 to 2 hours or longer between ingestion and onset of symptoms (nausea, vomiting, diarrhea, and hyperactive behavior leading to convulsions, coma and cyanosis). Ventricular fibrillation is commonly noted and is the primary cause of death. Early symptoms include alteration of heart sounds and premature, weak contractions.

TREATMENT: No effective antidote is known but symptomatic treatment may be effective. Establish respiration; create artificial airway if necessary. Check adequacy of tidal volume. Initiate emesis. If patient is comatose, convulsing, or has lost the gag reflex, endotracheal intubation should precede gastric lavage with large bore tube. Administer activated charcoal and magnesium sulfate. Treat seizures with IV diazepam. Monitor cardiac function closely. Treatment with glyceryl monoacetate (nonoacetin) may be effective, however, it is experimental and unproven in humans. **CONSULT NEAREST POISON CONTROL CENTER FOR CURRENT INFORMATION.** Symptoms of non-lethal intoxication will usually subside within 12-24 hours.

RESTRICTED USE PESTICIDE

Collars shall be sold or transferred only by registrants or their agents and only to certified Livestock Protection Collar applicators. Collars may be used only by specifically certified Livestock Protection Collar applicators or by persons under their direct supervision.

**SODIUM FLUOROACETATE
(COMPOUND 1080)
LIVESTOCK PROTECTION COLLAR**

For use on sheep or goats to kill depredating coyotes

ACTIVE INGREDIENT:

Sodium fluoroacetate 1.00%

INERT INGREDIENTS: 99.00%

TOTAL 100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER—POISON**



STATEMENT OF PRACTICAL TREATMENT

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

IF SWALLOWED: Induce vomiting at once with an emetic such as syrup of ipecac, use as directed. If emetic is not available, drink 1-2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. **PROMPT TREATMENT IS MANDATORY. GET MEDICAL ATTENTION IMMEDIATELY.**

IF ON SKIN - Wash the exposed area twice with soap and water.

IF IN EYES - Wash eyes with plenty of water for at least 15 minutes.

IF ON CLOTHING - Remove contaminated clothing and wash before re-use.

Dispose of all contaminated leather, including shoes, boots, and gloves, according to the pesticide Disposal Section. See disposal instruction on side panel.

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

MANUFACTURED BY UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
ANIMAL DAMAGE CONTROL

U.S. PAT. 3,842,806

NET CONTENTS

Hyattsville, MD 20782
EPA Est. No. 56228-ID-1
EPA Reg. No. 56228-22

30.4 grams (1.1 oz.) per small collar

NOTICE

Seller makes no warranty, expressed or implied, concerning the use of this product other than that indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

STORAGE

Do not contaminate water or soil. Dispose of this material in accordance with local, state, and federal regulations.

STORAGE: Store Livestock Protection Collar in original container, in a cool, dry place, away from food, feed, domestic animals, and children. Do not store in any structure.

When snow or frozen conditions exist, it is impractical, up to one year, to store in a leakproof container for up to 90 days.

PESTICIDE DISPOSAL: This pesticide is acutely hazardous to humans and animals. Disposal of this material is a violation of Federal, State, and local laws.

Dispose of collars and 1080 (carcasses, wool, clothing, and water) in a safe location, preferably one away from human habitations and animal feed.

Alternatively, contact your local Environmental Control Agency or Waste representative at the local Office for guidance on approved hazardous waste disposal.

CONTAINER DISPOSAL

Metal Containers: This container is uncontaminated and may be recycled. Do not reuse and dispose of container in accordance with local regulations.

Plastic Containers: This container is uncleanable, puncture, and dispose of container in accordance with local regulations.

COLLAR DISPOSAL: Unserviceable collars and 1080 (more than 10 collars) may be buried in trench, groups of 10 collars, 10 feet apart.

DIRECTIONS

It is a violation of State and Federal laws to use this product in a manner inconsistent with the label. The use of this product in violation of the Compound 1080 label may result in civil or criminal penalties.

DO NOT REMOVE TOBACCO FROM COLLARS. Do not use tobacco collars. Dispose of tobacco collars in accordance with the instructions on this label.

Put collars on the neck of animals in pastures where coyotes are expected to occur. Use in accordance with the User Instructions contained in the accompanying literature.