

DRAFT LABELING: FENTHION GUIDANCE DOCUMENT

(FRONT PANEL.)

Code 136-65

LYSOFF

POUR-ON

FOR LICE AND HORN FLIES ON
BEEF AND NON-LACTATING DAIRY CATTLE

ACTIVE INGREDIENTS: FENTHION (O,O-dimethyl O-[3-methyl-4-(methylthio)phenyl] phosphorothioate	7.6%
INERT INGREDIENTS:	92.4%

100.0%

EPA Reg. No. 11556-48
EPA Est. No. 11556-KS-1

KEEP OUT OF REACH OF CHILDREN (14)

WARNING (20)

(See side panel for precautionary statements)
See bottom of can for Batch No.

NET CONTENTS: 64 fl.oz. (1/2 gallon)

CUTTER (LOGO)

CUTTER ANIMAL HEALTH
Mobay Corporation, Animal Health Division
Shawnee, Kansas 66201, U.S.A.

Printing: Blue on white

Text type size (7)

Not Reviewed. Registrant claims to be in accordance with
Section of Pesticide Product Guidance for Phase 2
Response Page 2-12. Active to Inert Change in Status.

(Sio anel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. May be poisonous if swallowed. Harmful if absorbed through the skin. Do not get in eyes or on skin. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse. Keep out of the reach of children. This material contains a cholinesterase inhibitor. If poisoning should occur, obtain prompt medical aid.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, obtain prompt medical aid. Induce vomiting by giving two tablespoons of salt in a glass of water. Call physician immediately when poisoning is suspected.

If spilled on skin, wash immediately with soap and warm water.

If in eyes, rinse immediately with plenty of water and obtain prompt medical aid.

To physician and veterinarian - Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This product is highly toxic to shrimp, fish and wildlife. Birds, fish, shrimp and crabs in treated areas may be killed. Do not apply directly to water or wetlands (including swamps, marshs, bogs and potholes). Runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

IMPORTANT: Read the entire label, including the Limited Warranty and Limitation of Damages Provision, before using Lysoff™ Pour-On for Lice and Horn Flies.

Beef Cattle and Non-Lactating Dairy Cattle: Lysoff Pour-On for Lice and Horn Flies must be diluted with water to form a mixture which is applied as a "pour-on" along the backline.

Control of Lice:

A single treatment is effective for initial control of lice on cattle. If reinfestation occurs, treatment may be repeated two times at not less than 14-day intervals. However, subsequent treatments are most effective in eliminating the louse cycle if made at 21-28 day intervals.

Control of Horn Flies:

A single treatment will result in a rapid initial reduction of horn flies with practical control being obtained for up to 14 days after treatment. When horn fly populations again reach significant levels, cattle may be retreated two more times at not less than 14 day intervals.

When to Apply for Control of Lice: For most effective control of lice, cattle should be treated when lice become a problem or the existence of lice has been confirmed. A repeat application for louse control may be required for animals heavily infested with lice or for those animals which become reinfested. When making a louse control application, be certain to treat every animal in the herd to reduce sources of reinfestation.

When to Apply for Control of Horn Flies: Horn fly populations usually develop with warm weather during late spring and persist throughout the summer and warm fall periods. Treatment should be applied when fly populations reach significant levels and repeated if necessary.

Mixing Directions:

1. Use a clean bucket for each batch of mixture.
2. Water temperature is not critical, but a better mixture is formed if the temperature is below 80°F.
3. A mixing ratio of eight (8) parts water to one(1) part Lysoff Pour-On is required. However, the mixture must be prepared in two steps:
 - A. An equal part of water should be added slowly (while stirring) to an equal amount of Lysoff Pour-On. **CAUTION - DO NOT ADD THE LYSOFF POUR-ON TO THE WATER.** Continue to stir for one minute.
 - B. Add remaining water to the mixture while stirring. Continue to stir for an additional two minutes. The result will be a thick, creamy mixture which is ready to use.
4. **DO NOT STORE MIXTURE FOR FUTURE USE.**

The following schedule may be used to determine amounts of water and Lysoff Pour-On required for various batch sizes.

Amount of Final Mixture Desired	Initial Mix (Step A above)		Final Mixture (Step B above)
	Lysoff Pour-On Required	Amount of Water to be Added to the Lysoff Pour-On	Additional Water to be Added to Make Final Mixture
4 1/2 gallons	1/2 gallon	1/2 gallon	3 1/2 gallons
2 1/4 gallons	1 quart	1 quart	7 quarts
1 1/8 gallons	1 pint	1 pint	7 pints
2 1/4 quarts	1/2 pint	1/2 pint	3 1/2 pints

Amount to Apply: For either lice or horn fly control, apply one (1) fluid ounce of the final mixture per 100 lbs. of body weight. The mixture should be poured uniformly along the center line of the animal's back from the top of the shoulders to the base of the tail, using a long-handled dipper. The following table may be used to determine the number of animals that can be treated with various amounts of mixture:

Animal Weight	No. of Animals Treated Per Quantity of Final Mixture			
	4 1/2 gal.	2 1/4 gal.	1 1/8 gal.	2 1/4 qts.
200 lbs.	288	144	72	36
300	192	96	48	24
400	144	72	36	18
500	115	57	28	14
600	96	48	24	12
700	82	41	20	10
800	72	36	18	9
900	64	32	16	8
1000	57	28	14	7

SIDE EFFECTS

While Lysoff Pour-On is not an effective product for cattle grub control, host-parasite reactions have been reported on rare occasions. In these rare instances (usually 24-72 hours after treatment) animals may exhibit symptoms of staggering or more rarely posterior paralysis, salivation or blot caused by treating when cattle grubs are in the area of the spinal cord or gullet. Consult your veterinarian should these symptoms occur.

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NOTICE TO VETERINARIAN: Should one or more of the above reactions occur, treat symptomatically. Anti-inflammatory agents may be helpful. If necessary, relieve bloat by trocarization, as a stomach tube may traumatize a severely swollen esophagus. Do not administer atropine as it is contraindicated in host-parasite reactions. If toxicity should occur as a result of gross overdosage, atropine is antidotal. Acute symptoms of organophosphate toxicity in cattle are frequent defecation, urination, lacrimation and muscular twitching. Later symptoms are salivation, diarrhea and muscular weakness.

CONTRAINDICATIONS AND RESTRICTIONS

Do not treat lactating dairy cattle, calves less than three months, sick, convalescent or stressed livestock.

Do not treat non-lactating dairy cattle within 28 days of freshening. If freshening should occur within 28 days after treatment, do not use milk as human food for the balance of the 28-day interval.

Do not treat cattle for 10 days before or after shipping, weaning, dehorning or after exposure to contagious or infectious diseases.

WARNING: DO NOT SLAUGHTER WITHIN 21 DAYS FOLLOWING A SINGLE TREATMENT FOR LICE OR HORN FLIES. IF A SECOND OR THIRD APPLICATION IS MADE FOR LOUSE OR HORN FLY CONTROL, DO NOT SLAUGHTER WITHIN 35 DAYS OF THE LAST TREATMENT.

Lysoff™ (Brand of fenthion) is a cholinesterase inhibitor. Do not use this product on animals simultaneously or within a few days before or after treatment with or exposure to cholinesterase inhibiting drugs, pesticides or chemicals including other fenthion products.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your state Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

LIMITED WARRANTY AND LIMITATION OF DAMAGES

MOBAY warrants that this material conforms to the chemical description on the label. MOBAY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, and no agent of MOBAY is authorized to do so except in writing with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values, etc.

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