



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

JUN 21 1991

Mr. D. Hawkinson
The Mackwin Company
P.O. Box 38
Winona, MN 55987

Subject: Revised Formula, Label
PBR Beef & Dairy Animal Fly Spray
EPA Registration No. 995-40
Further review of submission dated
January 25, 1989

Dear Mr. Hawkinson:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

1. Delete petroleum distillate as an active ingredient; show its percentage as INERT INGREDIENTS; and add a substatement to the ingredient statement - Contains petroleum distillate.
2. Change the signal word on the rear panel to CAUTION (HAZARD TO HUMANS & DOMESTIC ANIMALS statement).
3. Delete - General Classification Use - The uses of this pesticide have not been classified.

The formula statement dated January 25, 1989 are acceptable under this registration and replace those previously approved.

Sincerely,

RFM
Richard F. Mountfort
Product Manager 10
Insecticide & Rodenticide Branch
Registration Division (H7505C)



THE
MACKWIN
COMPANY

P B R

BEEF & DAIRY ANIMAL FLY SPRAY

**KILLS
AND REPELS**

**CONTAINS
MGK R-326**

**HORN FLIES, STABLE FLIES, HORSE FLIES,
FACE FLIES, MOSQUITOES AND GNATS**

When properly applied, the repellent effect against above insects will last two days.

ACTIVE INGREDIENTS

Pyrethrins	.05%
Technical Piperonyl Butoxide*	.10%
N-octyl Bicycloheptene Dicarboximide	.16%
dl-n-propyl Isocinchomeronate	.20%
Petroleum Distillate	99.49%
	TOTAL 100.00%

* Consists of .08% (butylcarbityl) (6-propylpiperonyl) ether and .02% related compounds

EPA REG. NO. 995-40

EPA Est NO. 995-MN-1

**KEEP OUT OF REACH OF CHILDREN
HARMFUL IF SWALLOWED**

See back panel for additional precautions

NET CONTENTS 2½ GALLONS

BEST AVAILABLE COPY

WARNING: CONTAINS PETROLEUM DISTILLATE. If swallowed do not induce vomiting. Call a physician immediately. Avoid prolonged contact with skin and breathing of vapor or spray mist. Avoid contamination of milk and milk handling equipment. Avoid overspraying which will result in wetting the animal hides.

COMBUSTIBLE: Keep away from heat and open flames.

ENVIRONMENTAL HAZARD: Keep out of Lakes, Streams or Ponds.

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

RE-ENTRY STATEMENT: Do not allow entry into treated areas until sprays have dried or settled, unless full protective clothing is worn.

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Do not use, pour, spill or store near heat or open flame. Do not transfer contents to bottles or unlabeled containers. Close container tightly after each use.

PESTICIDE DISPOSAL: Pesticide or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

To develop a residual repellency to stable flies, horn flies, horse flies, face flies, mosquitoes and gnats on dairy cows, apply 1 to 2 ounces of ANIMAL FLY SPRAY to each animal for a three day period. The spray should be applied with a good hand or power sprayer as a mist spray so that the entire animal's body has been uniformly covered. Do not apply more than 2 ounces per animal. Special care should be used in spraying the legs, belly and shoulders. Avoid areas around the nose, eyes and mouth. Avoid wetting the hide. Spray in the same manner again after two days have elapsed and every second day thereafter or when insects again disturb the animal. Be sure the teats and udder are washed with warm water prior to milking. Calves should be sprayed very lightly once a day instead of attempting to build up a residual repellency by spraying more heavily.

For control of lice on dairy cows and beef, spray the animals with 2 ounces of ANIMAL FLY SPRAY. Immediately rub the spray into the hair, paying particular attention to infested areas. Repeat as necessary, but not more frequently than once every three weeks.

To kill flies, mosquitoes and gnats in the barn prior to milking, close all doors and windows and direct the spray toward the ceiling. The barn should remain closed for 10 to 20 minutes. Sweep up and destroy fallen insects. Repeat as necessary. To protect livestock from attack by fleas, spray bedding and walls of pen, particularly cracks and crevices. Repeat treatment frequently until adequate control is obtained. Do not apply the spray in poultry houses. In a complete fly control program these sprays should be used in combination with residual insecticides and sanitary measures.

Manufactured by THE MACKWIN COMPANY, WINONA, MN 55987

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