



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:
432-786

Date of Issuance:
AUG - 2 1994

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
PERMANONE 40% EC LPI

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Roussel Uclaf Corporation
95 Chestnut Ridge Road
Montvale, New Jersey 07645

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes and/or submit following information:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 432-786".
- b. Add the following statement in large bold letters to upper front paneling of labeling:
"For Agricultural/Commercial Use and Vector Control Agency, Pest Control Operators Only"
- c. Add the statement "Do not use this or any other pesticide on sick, old, or debilitate animals."

d.

Signature of Approving Official:

Date:

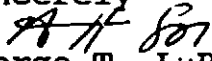
- d. Following the heading (Horses and Dogs) add in parenthesis (Do Not Use On Cats).
- e. Under premise treatment change "Spray to point of runoff xxx" to "Spray surfaces until wet or 1 gallon xxx etc."
- f. Please resubmit EPA Form 8570-1, with all blocks completely fill out. Specifically section III. It appears this product may be subject to Child-Resistant Packaging. Refer to 40 CFR § 157.20.

3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely


George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure:

BEST AVAILABLE COPY

PERMANONE® 40% EC LPI

- For control of Flies, Lice, Mites, and Ticks on livestock and their premises.
- Can be used on Lactating and Non-Lactating Cattle and Goats, Beef Cattle, Sheep, Swine, Poultry and Horses.
- Directions for Flea and Tick control on Dogs as spray dip wash or dip tank.
- Can be used in all areas of Dairy barns, including Milk Room.
- Aids in control of Fire Ants.

Active Ingredient

Permethrin*	40.00%
(3-Phenoxyphenyl)methyl(±)cis/trans 3-(2,2-dichloroethenyl)-2,2- methylcyclopropanecarboxylate.	
INERT INGREDIENTS:	60.00%
	100.00%

*cis/trans ratio: Max. 65% (±) cis and Min. 35% (±) trans.

PERMANONE is a Registered Trademark of Roussel Uclaf Corporation
EPA Reg. No.
EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE SIDE PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS

CONTENTS:

ROUSSEL UCLAF

Roussel Uclaf Corporation
95 Chestnut Ridge Road
Montvale, New Jersey 07645

ACCEPTED
with COMMENTS
in EPA Letter Dated

AUG - 2 1994

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

432-786

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

WARNING

Concentrate causes substantial but temporary eye injury. Harmful if swallowed, or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield when handling concentrated material. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink one or two glasses of water. Induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove person to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with plenty of soap and water. Get medical attention.

IF IN EYES: Hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Get medical aid.

Environmental Hazards

This product is extremely toxic to fish and other aquatic organisms. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

Physical Hazards

Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

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

Pesticide Storage And Spill Procedures: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, tuler's earth, etc. Dispose of with chemical waste.

Pesticide Disposal: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

CONTAINER DISPOSAL:

Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

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DIRECTIONS FOR USE

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

TARGET SPECIES	USE	DILUTE (NO. TREATED)	APPLICATION RATE
Lactating and Non-Lactating Dairy Cattle and Goats, Beef Cattle and Sheep			
Horn flies only (For 1 week residual control)	High pressure spray	4 fl. oz. to 50 gals water (200) 0.025% Active Ingredient (AI)	1 qt. of coarse spray per animal
Horn flies, Face flies, Stable flies, House flies, Horse flies, Deer flies, Black flies, Mosquitoes, Eye gnats, Mange mites, Scabies mites, Ticks, Lice, Sheep keds (1-2 weeks residual control of horn flies)	High pressure spray	4 fl. oz. to 25 gals water (50-100) 0.05% AI	1-2 qt. of coarse spray per animal over whole body surface, for Mange, Scabies, Ticks and Lice thoroughly wet animal. Repeat application 10-14 days for Nites and Lice.
Horn flies, Face flies, Stable flies, Ear ticks and Lice (2-3 weeks residual control of horn flies)	Low pressure spray (Hand pump sprayer)	4 fl. oz. to 2 1/2 gals water (64-80) 0.5% AI	For fly and lice control, spray midline from face to tailhead to point of runoff (4-5 fl. oz.). For ear tick control spray directly into each ear (1/2 fl. oz. each).
Horn flies, Face flies, Stable flies (Season long control of horn flies)	Backrubber, Self Oiler	4 fl. oz. to 10 gals diesel oil or suitable mineral oil. 0.125% AI	Keep rubbing device charged. Results improved by daily forced use.
Poultry			
Northern fowl mites, Lice	High pressure spray	1-4 fl. oz. to 3.75 gals water (375) 0.08 - 0.33% AI	1 gal of coarse spray per 100 birds, paying particular attention to vent area.
Swine (Allow 5 days between last treatment and slaughter)			
Lice, Mange	Sprayer or Dip	4 fl. oz. to 25 gals water (50-100) 0.05% AI	Thoroughly wet or dip animals including ears. For Mange, spray pen floors, sides and bedding. Repeat at 14 days.
Horses & Dogs			
Horn flies, Face flies, Stable flies, House flies, Horse flies, Black flies, Mosquitoes, Eye gnats, Mange mites, Scabies mites, Ticks, Lice, Fleas	Low Pressure Spray	1/4 fl. oz. to 1 pt. water 0.625% AI	1-2 fl. oz. spray per animal. Spot treat back, face, legs, tail and ears.
	Dip Wash	1/4 fl. oz. to 1.25 gals water 0.0625% AI	Thoroughly wet animal to skin with sponge or rag. Let drip dry.
	Dip (dogs only)	4 fl. oz. to 20 gals water 0.0625% AI	Make sure all areas are soaked to skin. Let dip dry on animal. Do not rinse off.

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DIRECTIONS FOR USE (Continued)

Premises - in and around Horse, Beef, Dairy, Swine, Sheep and Poultry Premises, Animal Hospital Pens and Kennels and Outside Meat Processing Premises			
House flies, Stable flies, Little house flies (Fannia Spp). Aids in control of Cockroaches, Ants, Spiders, Mosquitoes and Crickets.	Surface Spray	4 fl. oz. to 10 gals water 0.125% AI	Spray to point of runoff or 1 gal per 750-1000 sq. ft. (Do Not Use in Milk Rooms)
	Space Spray	1.5 fl. oz. to 1 gal. water 0.469% AI	Apply as fog or fine mist until area is filled with mist, using 2 fl. oz. per 1000 cubic ft. (Can be used in Milk Rooms)
	Overhead space spray system	4 fl. oz. to 10 gals mineral oil 0.125% AI	4 fl. oz. spray per 1000 cu. ft. of air space (Do Not Use in Milk Rooms)
Temporary reduction of annoyance from pest mentioned above	Outdoor space spray	1.5 fl. oz. to 1 gal. water 0.469% AI	Fill area with mist. Apply while the air is still and avoid wetting foliage
Bed bugs and Chicken mites	Sprayer	4 fl. oz. to 10 gals For severe infestation it is permissible to use 4 fl. oz. to 4 gals.	Spray crevices of roost poles, cracks in walls and cracks in nest and nest boxes
Ticks, including the Deer tick, Fleas	Indoor spray	3 fl. oz. to 2 gals water 0.469% AI	Treat around windows, doors, porches, screens, eaves, patios, garages, under stairways and in crawl spaces where these pests may occur. Apply until surface is wet (approx. 1 gal per 750-1000 sq. ft.)
	Outdoor spray	4 fl. oz. to 100 gals water. For longer residual use up to 8 fl. oz. to 100 gals water 0.0125 - 0.025% AI	Use enough finished spray to penetrate foliage, usually 50-100 gals per acre. To prevent infestation of buildings, treat a band of vegetation 6-10 feet adjacent to the structure.
Imported Fire Ants	Sprinkler Can	3 fl. oz. to 1 gal. water 0.938% AI	Gently sprinkle 1 gal. over the surface of each mound. Thoroughly wet mound and surrounding area to a 4 ft. diameter. For best results, apply in cool weather 65-80°F (early morning or late evening). Pressurized sprayers may disturb ants and cause migration reducing product effectiveness.

Do not apply dilutions for premise treatment directly on livestock or poultry. Ensure that feed and water are not contaminated by spray drift. For space spraying, do not remain in treated areas and ventilate the area before reoccupying. Animals should be removed from area prior to treatment. The use of any residual fly spray should be supplemented with proper manure management and general sanitation to reduce or eliminate fly breeding sites.

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