

PM 17-0 66-# 228

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	SEP 5 1988
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
NAME OF PESTICIDE PRODUCT EXOAT PLUS I FOGGON		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Coopers Animal Health, Inc.
 1000 South 4th Street
 Kansas City, KS 66102

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

Contractors of similar products to submit such data.

Change the Statement of Practical Treatment for skin to read:

If on skin: Wash with plenty of soap and water after handling.

Change the Statement of Practical Treatment for skin to read:
 If on skin: Wash with plenty of soap and water after handling.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE 9/1/88

BEST AVAILABLE COPY

- d. Revise the statement "Do not contaminate water by cleaning of equipment or disposal of wastes" to read "Do not contaminate water when disposing of equipment washwaters."
- e. Since your data matrix does not give a dielectrical breakdown voltage, the statement "Do not use this product in or on electrical equipment due to the possibility of shock hazard" must be added to the use directions.

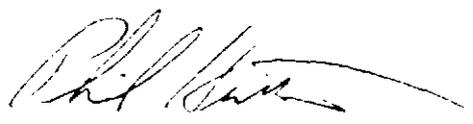
3. The acute inhalation study submitted to support this product was classified Supplementary because 91.8 percent of the particles were 15 μ or less in size. Twenty-five percent of the particles must be 1 μ or less in size. Submit another acute inhalation study using a means to more accurately determine particle size, particle size distribution, and mass per unit volume (per liter) of the total aerosol concentration. These data must be submitted within six (6) months. Note that, depending on the results of this study, revisions in the precautionary statements may be necessary. Refer to the enclosure regarding inhalation testing.

4. Submit a 1-year storage stability study for this product. The formulated product must be analyzed for its active ingredients at time zero and during a year of storage. The storage must be under warehouse conditions of temperature and humidity using containers similar to those which will be used in channels of trade. These data must be submitted within 15 months of the date of this registration letter.

release the product for shipment. Refer to the 4-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with 40 CFR section 156.10. Your release for shipment of the product constitutes acceptance of these conditions.

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



Phil Button
 Product Manager (17)
 Insecticide-Rodenticide Branch
 Registration Division (47505C)

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Enclosures

DEC 22 1979

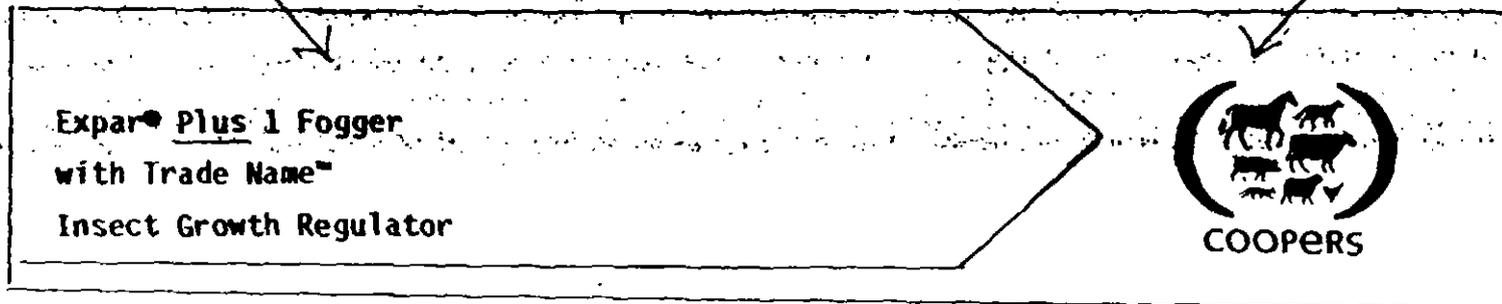
(ALL COPY BLACK ON PMS GRAY-422 BACKGROUND EXCEPT AS INDICATED)

Label (Can) - Expar® Plus 1 Fogger ; 4 oz Ayp.

(Front Panel)

(WHITE BACKGROUND WITH BLACK COPY)

(PMS RED-185 BACKGROUND WITH WHITE REVERSE LOGO)



- Kills adult and preadult fleas, including flea eggs.
- Prevents fleas from developing into the biting adult stage.
- One treatment kills adult fleas and kills preadult fleas for 24 weeks.
- Also kills exposed cockroaches, ticks, ants, flies, mosquitoes and spiders.

Active Ingredients

Fenoxycarb ethyl [2-(4-phenoxyphenoxy)ethyl] carbamate.....	1.00%
Permethrin (3-phenoxyphenyl) methyl (±)-cis, trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate*.....	0.60%
Pyrethrins.....	0.02%
Piperonyl butoxide, technical**.....	0.05%
N-octyl bicycloheptene dicarboximide.....	0.08%
Inert Ingredients.....	98.25%
	100.00%

*cis/trans ratio: Max 55% (±) cis and min 45% (±) trans

**Equivalent to 0.04% (butylcarbityl)(6-propylpiperonyl) ether and 0.01% related compounds.

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**KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE BACK PANEL FOR
ADDITIONAL PRECAUTION STATEMENTS**

EPA Reg. No. 59-_____

EPA Est. No. 11715-TN-1

Net contents 4 oz Avdp.

Manufactured for

Coopers Animal Health Inc.

Kansas City, KS 66103-1438 U.S.A.

53 000300 0

(Back Panel)

Expar® Plus 1 Fogger

FOR USE ONLY WHEN BUILDING HAS BEEN VACATED BY HUMAN BEINGS AND ANIMALS.

Expar Plus 1 Fogger kills fleas, ticks, cockroaches and other pests hidden in carpets, floor cracks and pets' bedding. Expar Plus 1 also breaks the flea life cycle by preventing development into adults, effectively protecting your home from reinfestation. Expar Plus 1 contains an effective combination of ingredients that kills exposed pests immediately and keeps on protecting for 24 weeks. Trade name Insect Growth Regulator kills flea eggs and prevents preadult fleas from developing into the adult biting stage.

**PRECAUTION STATEMENTS
HAZARDS TO HUMAN AND DOMESTIC ANIMALS
CAUTION**

(ALL COPY BLACK ON PMS GRAY-422 BACKGROUND)

Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapors. Avoid contamination of feed, water and foodstuffs. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT

If On Skin: Remove contaminated clothing and wash affected areas with soap and water.

If In Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not add directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS

Flammable. Contents under pressure. Keep away from heat, sparks or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

STORAGE AND DISPOSAL

Storage: Store in cool, dry place away from heat or open flame. **Pesticide Disposal:** Securely wrap original container in several layers of newspaper and discard in trash. **Container Disposal:** Discard container in trash. Do not incinerate or puncture.

See attached leaflet for directions for use.

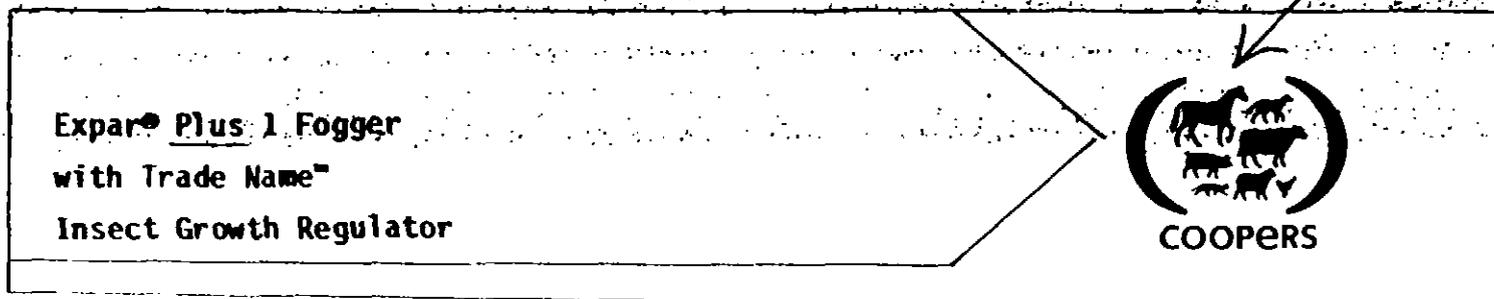
Lot No.:

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Label (Leaflet) - Expar® Plus 1 Fogger (for use with 4 fl. oz.)

(Front Panel)

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Active Ingredients

Fenoxycarb ethyl [2-(4-phenoxyphenoxy)ethyl] carbamate.....	1.00%
Permethrin (3-phenoxyphenyl) methyl (±)-cis, trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate*.....	0.60%
Pyrethrins.....	0.02%
Piperonyl butoxide, technical**.....	0.05%
N-octyl bicycloheptene dicarboximide.....	0.08%
Inert Ingredients.....	98.25%
	100.00%

*cis/trans ratio: Max 55% (±) cis and min 45% (±) trans

**Equivalent to 0.04% (butylcarbityl) (6-propylpiperonyl) ether and 0.1% related compounds.

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE CONTAINER LABEL FOR
PRECAUTIONARY STATEMENTS
AND STATEMENTS OF
PRACTICAL TREATMENT

EPA Reg. No. 59-_____

EPA Est. No. 11715-TN-1

DIRECTIONS FOR USE

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

(ALL COPY BLACK ON WHITE BACKGROUND)

READ ALL DIRECTIONS COMPLETELY BEFORE USE.

For use in homes, apartments, attics, basements, garages, pets' sleeping areas, kennels, etc. For most effective results, entire dwelling should be treated. Use one fogger for each 4,000 cu. ft. (or 500 sq. ft.) of unobstructed area. Use additional units for remote rooms or where the free flow of mist is not assured.

Preparation: Close exterior doors and windows. Shut off fans and air conditioners. Open interior doors, cabinets and closets of areas to be treated. Put out all open flames except pilot lights. Remove pets and birds but leave pets' bedding. Cover or remove fish tanks and bowls. Remove or cover plastic items such as stereo covers, notion boxes or eyeglasses. Leave rugs, drapes and upholstered furniture in place. This product will not harm furniture when used as directed.

Cover exposed foods, dishes and food handling equipment.

(Back Panel)

To start fogging: Make sure all preparation steps have been completed. Locate fogger in the center of the space to be treated. Fogger should not be placed within six feet of a pilot light. Place fogger on a raised platform, such as a table or stool with several layers of newspaper covering the area directly under the can. Hold the can at arm's length, pointing the top away from face and eyes. Do not aim directly at furniture. Press down the actuator to lock into position - this will start fogging action. Replace fogger in upright position onto newspapers and leave the treated area at once. DO NOT RE-ENTER AREA FOR TWO HOURS. After two hours, open doors and windows, turn on air conditioners and fans and let area ventilate for 30 minutes. All food processing surfaces should be thoroughly cleaned before using.

To protect pets from fleas and ticks, use other Coopers products for pest control on dogs and cats.

(ALL COPY BLACK ON WHITE BACKGROUND)

NOTICE OF WARRANTY

COOPERS ANIMAL HEALTH INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR OTHERWISE, EXPRESSED OR IMPLIED CONCERNING THIS PRODUCT OR ITS USES WHICH EXTEND BEYOND THE USE OF THE PRODUCT UNDER NORMAL CONDITIONS IN ACCORD WITH THE STATEMENTS MADE ON THIS LABEL.

This labeling must be in the possession of the user at the time of pesticide application.

Manufactured For

Coopers Animal Health Inc.

Kansas City, KS 66103-1438 U.S.A.

60 000300 0

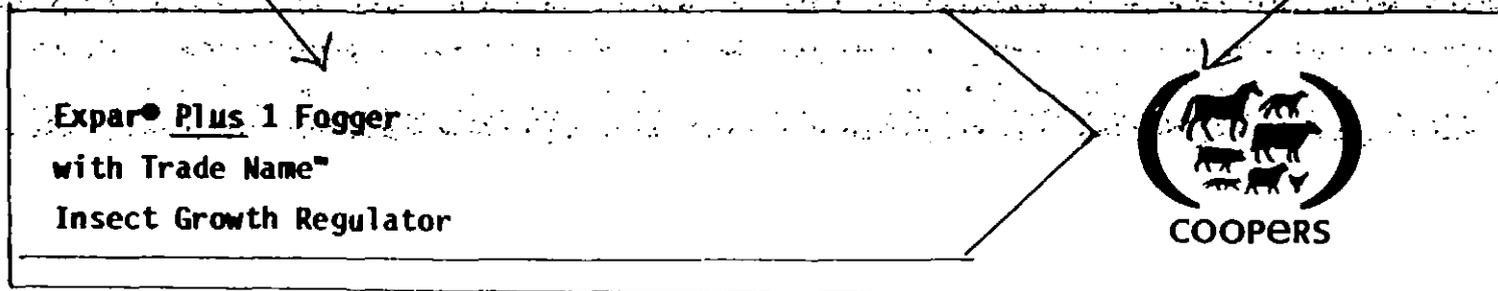
DESIGN AND DEVELOPMENT

(ALL COPY BLACK ON PMS GRAY-422 BACKGROUND EXCEPT AS INDICATED)

Label (Can) - Expar® Plus 1 Fogger x 10 oz Avdp.
(Front Panel)

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(PMS RED-185 BACKGROUND WITH WHITE REVERSE LOGO)



- Kills adult and preadult fleas, including flea eggs.
- Prevents fleas from developing into the biting adult stage.
- One treatment kills preadult fleas for 24 weeks.
- Also kills exposed cockroaches, ticks, ants, flies, mosquitoes and spiders.

Active Ingredients

Fenoxycarb ethyl [2-(4-phenoxyphenoxy)ethyl] carbamate.....	1.00%
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KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE BACK PANEL FOR
ADDITIONAL PRECAUTION STATEMENTS.

EPA Reg. No. 59-_____

EPA Est. No. 11715-TN-1

Net contents 10 oz Avdp.

Manufactured for

Coopers Animal Health Inc.

Kansas City, KS 66103-1438 U.S.A.

53 000400 0

BEST AVAILABLE COPY

(Left Side Panel)

FOR USE ONLY WHEN BUILDING HAS BEEN VACATED BY HUMAN BEINGS AND PETS.

Expar Plus 1 Fogger kills fleas, ticks, cockroaches and other pests hidden in carpets, floor cracks and pets' bedding. Expar Plus 1 also breaks the flea life cycle by preventing development into adults, effectively protecting your home from reinfestation. Expar Plus 1 contains an effective combination of ingredients that kills exposed pests immediately and keeps on protecting for 24 weeks. Trade name Insect Growth Regulator kills flea eggs and prevents preadult fleas from developing into the adult biting stage.

PRECAUTION STATEMENTS
HAZARDS TO HUMAN AND DOMESTIC ANIMALS
CAUTION

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PHYSICAL OR CHEMICAL HAZARDS

Flammable. Contents under pressure. Keep away from heat, sparks or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

STORAGE AND DISPOSAL

Storage: Store in cool, dry place away from heat or open flame.

Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Container Disposal: Discard container in trash. Do not incinerate or puncture.

(Right Side Panel)

DIRECTIONS FOR USE

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Cover exposed foods, dishes and food handling equipment.

(Back Panel)

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To protect pets from fleas and ticks, use other Coopers products for pest control on dogs and cats.

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NOTICE OF WARRANTY

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Lot No.:

BEST AVAILABLE COPY