

PM10

9444-21

1 of 2

SEP 06 1990

Mr. Peter Drury  
Waterbury Companies, Inc.  
32 Mattatuck Heights  
Waterbury, CT 06705

Dear Mr. Drury:

Subject: Purge Multi-Use Insecticide  
EPA Registration No. 9444-21  
Your Letters Dated May 8, June 26, and August 1, 1989

The proposed amendment to the registration of the product cited above reversing the formulation by removing the inert ingredient, methylene chloride, is acceptable subject to the comments listed below. A stamped copy of the label is enclosed.

1. Provide information regarding the flame extension of the product including any flashback if noted.
2. Add "Extremely Flammable" to the Physical or Chemical Hazards statement.

Sincerely yours,

Phil Hutton  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (M7505C)

Enclosure

**BEST AVAILABLE COPY**

38821:1:Tavano:LCBI-5:KENCO:07/28/89:00705/90:DD:vo:eh

SYMBOL	H15052						
SURNAME	Tavano						
DATE	8/9/90						

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans & Domestic Animals**  
**CAUTION**

Harmful if swallowed or absorbed through skin. Avoid breathing of vapors or spray mist. Avoid contact with skin and eyes. In case of contact, immediately flush eyes or skin with plenty of water. Obtain medical attention if irritation persists.

Do not apply to food. In commercial food handling facilities, cover or remove any food and food processing equipment during application. Do not apply while food processing is underway. After space spraying food processing plants food contact surfaces and equipment must be washed with an effective cleaning compound followed by a potable water rinse. In the home, all food processing surfaces and utensils should be covered during treatment in a way as to prevent contamination or thoroughly washed before use.

Remove pets, birds and cover fish aquariums before spraying.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and other wildlife. **DO NOT APPLY DIRECTLY TO WATER.** Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

**PHYSICAL OR CHEMICAL HAZARDS**

Contents under pressure. Do not puncture or incinerate container. Do not use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting. Do not spray on plastic, painted or varnished surfaces or directly into electronic equipment such as radios, TVs, computers, etc.

**DIRECTIONS FOR USE**

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

Hold container upright with nozzle away from you. Press valve down and spray as directed. Keep nozzle at least 36 inches from surfaces of fabrics to avoid possible staining.

Remove pets, birds, and cover fish aquariums before spraying.

**Flies, Mosquitoes, Gnats, Wasps and Flying Moths:** Close all doors and windows and spray room at the rate of 2 to 3 seconds per 1000 cubic feet. Direct spray to all parts of the room, especially windows and other light sources which attract these insects. Keep nozzle in constant motion. Keep room closed for 10 to 15 minutes after treatment. Do not remain in treated areas. Ventilate after treatment. Repeat treatment as necessary.

**Cockroaches, Waterbugs, Silverfish, Crickets, Spiders, Centipedes, and Sowbugs:** Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray whenever possible. Repeat treatment as necessary.

**Ants:** Spray trails, nests, and points of entry. Spray on ants where possible. Repeat as necessary.  
**Indian Meal Moth, Angoumois Grain Moth:** Close doors and windows, direct spray into all parts of room, especially around stored food product containers, pallets, and darkened areas. Do not spray in areas where food is exposed in any way. Spray 7 to 10 seconds for each 1000 cubic feet of space. Keep area closed for 15 minutes following treatment. Do not remain in treated areas. Ventilate after treatment. Repeat application weekly or as needed.

**Exposed stages of Confused Flour Beetles, Sawtoothed Grain Beetles, Red Flour Beetle, Rice Weevil, Granary Weevil, Grain Mites:** Spray into cracks and crevices, around cartons or containers and other areas where these insects tend to congregate. Spray 30 seconds for each 100 square feet of surface. Keep area closed for 45 minutes to 1 hour after treatment. Repeat application as necessary.

**Carpet Beetles:** Spray directly on beetles, floors, baseboards, shelves and carpets. Repeat treatment as necessary.

**Bedbugs:** Spray mattresses, particularly around tufts and seams. Take beds apart and spray into all joints. Treat baseboards, molding and floors. Repeat as necessary.

**For the Control of Garden Insects:** For use on roses, dahlias, asters, and other ornamentals to kill Japanese beetles hit by spray, as well as aphids, exposed thrips and spider mites.

May be used on plants as a multi-purpose spray in small gardens, and for spot treatment of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants, such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwood, English ivy, euonymus, fuchsia, geraniums, crassula, grape vine, Kerria palm, laurel, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jew and zinnias.

Effective when used as directed against aphids, spider mites, exposed thrips, lace bugs, Japanese beetles, pavement ants, clover mites and army worms.

When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Spray in one second bursts. Do not wet foliage or blossoms.

**DAIRY FARM USE:** Milking Parlor and Milk Room. Close all windows and doors. Direct spray upwards, spraying for 5 seconds for 1,000 cu. ft. of space. Do not remain in treated areas. Ventilate after treatment. Remove milk and cover milking utensils before spraying. After spraying milking utensils must be washed with an effective cleaning compound followed by a potable water rinse.

**ANIMAL USE:** Thoroughly spray entire animal from approximately 2 ft. distance. Do not spray directly toward animal's eyes. Spot treat withers, shoulders and back where saliva accumulates from head lashing.

**STANCHION BARN USE:** Walk behind animals and direct spray over backs, allowing 5 seconds per animal. For most effective results, apply each morning.

**POULTRY OPERATIONS:** In poultry houses, close all windows and doors. Spray at the rate of 2 to 3 seconds per 1,000 cu. ft. of space. Do not remain in treated areas. Ventilate after treatment. Treat daily or as necessary.



**PURGE™**

**multi-use  
insecticide**

**SUPER STRENGTH**

**KILLS: Houseflies, Mosquitoes,  
Wasps, Small Flying Moths,  
Flies, Deer Flies, Stable Flies,  
Flies, Cockroaches, Waterbugs,  
Silverfish, Crickets, Spiders,  
Other Insects Listed on Back**

**ACTIVE INGREDIENTS**  
 Pyrethrins .....  
 Piperonyl Butoxide, Technical .....  
 Petroleum Distillates .....  
**INERT INGREDIENTS** .....

Equivalent to 2.0% (butylcarbityl)-(6-propylpiperonyl) ether to 0.4% of related compounds.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See additional precautions on back of container.

EPA Reg No. 9441-21 EPA Est. No. 1-100-1

**NET WEIGHT 32 oz / 900 g**

DOT 39 NRC 130180 M1082 Federal law forbids transportation refilled. Penalty up to \$25,000 fine and 5 years imprisonment (49 U.S.C. 1809)

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**ANIMAL USE:** For animal application, direct spray over backs of hogs and spray for 5 seconds per hog. Do not spray directly toward the animal's face or eyes. Repeat application daily or as necessary.

**HORSE BARN OR STABLES:** In horse and pony barns, close all windows and doors. Spray at the rate of 5 seconds per 1,000 cu. ft. of space. Do not remain in treated area. Ventilate after treatment. Repeat the application as necessary.

**ANIMAL USE:** For animal application, lightly mist over backs of horses and ponies from a distance of 2 ft. Do not spray directly toward the animal's face or eyes. Repeat application daily or as necessary.

**BEEF CATTLE OPERATIONS:** In barns, close all windows and doors. Spray at the rate of 5 seconds per 1,000 cu. ft. of space. Do not remain in treated area. Ventilate after treatment. Repeat application as necessary.

**ANIMAL USE:** For animal application, thoroughly spray entire animal from approximately 2 ft. distance. Do not spray directly toward animal's face or eyes. Repeat application daily or as necessary.

**FOOD PROCESSING PLANT USE:** To kill cockroaches, spiders, silverfish, wasps, hornets, crickets. Spray the insect directly when possible. Spray all probable hiding places such as cracks, crevices, baseboards, sinks, cabinets, shelves, under appliances, in food storage areas. To kill flies, mosquitos, gnats, small flying moths: Close all windows and doors. Direct spray upward, spraying for 2-3 seconds for 1,000 cu. ft. of space. Do not remain in treated areas. Ventilate after treatment.

**HOME USE:** To kill cockroaches, spiders, silverfish, wasps, hornets, crickets. Spray the insect directly when possible, and spray all probable hiding places such as cracks, crevices, baseboards, sinks, cabinets, shelves and under appliances. Repeat as necessary.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

**STORAGE & DISPOSAL**

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

**STORAGE:** Store in a cool, dry area away from heat or open flame

**PESTICIDE DISPOSAL:** Pesticide that cannot be used according to label instructions must be disposed of according to applicable federal, state and local procedures.

**CONTAINER DISPOSAL:** Replace cap and discard empty container in trash, sanitary landfill, or by other approved state and local procedures. Do not incinerate or puncture

DOT-E 7808

Manufactured by

**CLINE-BUCKNER, INC.**

A Subsidiary of Waterbury Companies, Inc

Artesia, CA 90701

Independence, LA 70413

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

06 1990

Under the Federal Insecticide,  
Fungicide and Rodenticide Act  
and for the purposes  
of the EPA Reg. No.

9444-21

EW

0500

**Crickets, Houseflies, Mosquitoes, Gnats, Wasps, Small Flying Moths, Barn Flies, Deer Flies, Stable Flies, Horn Flies, Cockroaches, Waterbugs, Silverfish, Crickets, Spiders and Other Insects Listed on Back.**

**ACTIVE INGREDIENTS**

Pyrethrins	0.30%
Permethrin, Technical	2.40%
Pyrethrum Distillates	1.50%
<b>INERT INGREDIENTS</b>	<b>95.80%</b>
	100.00%

Equivalent to 2.0% (butylcarbitol-(6-propylpiperonyl) ether to 0.4% of related compounds)

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
See additional precautions on back panel.

EPA Reg. No. 9444-2  
EPA Est. No. 9444-LA-1

**NET WEIGHT 32 oz / 907 g**

DOT 35 HRC 110-180 M1807 Federal law forbids transportation unless

**ANTS:** Spray trails, nests and points of entry. Spray on ants where possible. Repeat as necessary.

**Asian Hornet, Honey Bee, Yellow Jacket, Paper Wasp, Stinging Wasp:** Spray into hiding places such as cracks and crevices behind sinks, cupboards, along baseboards and floors around drains and plumbing. Mix with water and spray where or possible. Repeat treatment as necessary.

**Beetles:** Spray directly on beetles, floors, baseboards, shelves and carpets. Repeat treatment as necessary.

**Bedbugs:** Spray mattress, particularly around tufts and seams. Take beds apart and spray into all joints. Treat baseboards, molding and floors. Repeat as necessary.

**For the Control of Garden Insects:** For use on roses, dahlias, asters and other ornamentals to kill Japanese beetles, hickory shuckers, aphids, exposed thrips and spider mites. May be used on plants as a multi-purpose spray in small gardens and for spot treatment of incipient insect infestations to prevent spreading in large garden areas. May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwood, English ivy, euonymus, fuchsias, geraniums, grasses, grape vine, Karla palm, laurel, marigolds, moonflowers, roses, rubber plants, snapdragons, stocks, wallflower, Jew and zinnias. Effective when used as directed against aphids, spider mites, exposed thrips, lace bugs, Japanese beetles, pavement ants, house flies and army worms. When spraying plants, do not operate closer than 18 inches. Use sweeping motion to spray in one second bursts. Do not wet foliage or blossoms.

**DAIRY FARM USE:** Mixing Parlor and Milk Room: Close all windows and doors. Direct spray up walls, spraying for 5 seconds per 1,000 cu. ft. of space. Do not remain in treated areas. Ventilate after treatment. Remove milk and cover milking stands before spraying. After spraying, milking stands must be washed with an effective cleaning compound followed by a potable water rinse.

**ANIMAL USE:** Thoroughly spray entire animal from approximately 2 ft. distance. Do not spray directly toward animal's eyes. Spot treat withers, shoulders and back where saliva accumulates from head tossing.

**STANCHION BARN USE:** Walk behind animals and direct spray over stanchions for 5 seconds per animal. For most effective results, apply each morning.

**POULTRY OPERATIONS:** In poultry houses, close all windows and doors. Spray at the rate of 5 seconds per 1,000 cu. ft. of space. Do not remain in treated areas. Ventilate after treatment. Treat daily or as necessary.

**ANIMAL USE:** For animal application, direct spray over backs of hogs and spray for 5 seconds per hog. Do not spray directly toward the animal's face or eyes. Repeat application daily or as necessary.

**HORSE BARN OR STABLES:** In horse and pony barns, close all windows and doors. Spray at the rate of 5 seconds per 1,000 cu. ft. of space. Do not remain in treated area. Ventilate after treatment. Repeat the application as necessary.

**ANIMAL USE:** For animal application, lightly mist over backs of horses and ponies from a distance of 2 ft. Do not spray directly toward the animal's face or eyes. Repeat application daily as necessary.

**BEEF CATTLE OPERATIONS:** In barns, close all windows and doors. Spray at the rate of 5 seconds per 1,000 cu. ft. of space. Do not remain in treated area. Ventilate after treatment. Repeat application as necessary.

**ANIMAL USE:** For animal application, thoroughly spray the animal from approximately 2 ft. distance. Do not spray directly toward animal's face or eyes. Repeat application daily as necessary.

**FOOD PROCESSING PLANT USE:** To kill cockroaches, spiders, silverfish, waterbugs, and other insects, spray the insect directly when possible. Spray in probable hiding places such as cracks, crevices, baseboards, sinks, cabinets, shelves, under appliances in food storage areas, to include most double glass, small flying moths. Close all windows and doors. Direct spray upward, spraying for 2-3 seconds per 1,000 cu. ft. of space. Do not remain in treated areas. Ventilate after treatment.

**HOME USE:** To kill cockroaches, spiders, silverfish, wasps, hornets, crickets. Spray the insect directly when possible and spray in probable hiding places such as cracks, crevices, baseboards, sinks, cabinets, shelves and under appliances. Repeat as necessary.

Buyer assumes all risks in the use of this product. See label for directions and precautions.

**STORAGE & DISPOSAL**

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

**STORAGE:** Store in a cool, dry area away from heat or open flame.

**PESTICIDE DISPOSAL:** Residue may only be used according to approved label directions. Do not dispose of according to applicable federal, state and local regulations.

**CONTAINER DISPOSAL:** Recycle and discard empty container in accordance with applicable regulations or other approved state and local procedures. Do not re-use or burn.

DOT E 1804  
Manufactured by  
**CLINE-BUCKNER INC.**  
A Subsidiary of Aterbury Companies, Inc.  
Merced, CA 95370 Independence, LA 70454

9444-21