

OCT 25 1996

Dr. Zareem Ahmed
American Cyanamid Company
Agricultural Research Division
P.O. Box 400
Princeton, NJ 08543-0400

Dear Dr. Ahmed:

Subject: Label -- Amendment
Use in Food/Feed Handling Establishments
SIEGE Gel Insecticide
EPA Registration Number 241-313
Submission Dated October 9, 1996

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:

Under "Directions for Use":

- 1. Add the following statement after the sentence "Serving areas . . . considered food areas.":

"Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held."

- 2. Revise the statement "Applications of this . . . food handling establishments" by adding the word "feed" wherever "food" is mentioned, i.e.,

.....food/feed areas
.....food/feed handling establishments

- 3. Add or incorporate the following text to the paragraph above the USDA statement:

Do not apply gel to areas where food, food utensils or food processing/food preparation surfaces may become contaminated. Do not apply to areas that are routinely washed such as: cracks and crevices in tops of tables, food preparation, and prepared food holding surfaces, as gel may be removed by washing. Do not apply to

surfaces where the temperature exceeds 130°F. Examples include, but are not limited to, portions of stoves, ovens, grills, fume hoods, heat lamps, coffee urns, steam tables, toasters, fryers, dishwashers and hot water pipes. Care should be taken to avoid depositing gel onto exposed surfaces. If gel contacts an exposed surface, remove gel and wash exposed surface promptly. Do not apply gel to areas which have been recently sprayed with insecticide, and do not spray insecticide over gel as it may cause the bait to become repellent.

A stamped copy of the label is enclosed for your records. Submit three copies of revised final printed labeling prior to releasing product for shipment.

If you have any questions, please contact Sheila Moats at (703) 305-6701.

Sincerely yours,

RPK

Richard P. Keigwin, Jr.
Product Manager 10
Insecticide-Rodenticide Branch
Registration Division

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SIEGE[®] gel insecticide

RECOMMENDED FOR USE BY COMMERCIAL APPLICATORS

Syringe packaging is for use as a syringe or with other bait devices.
Cartridge packaging is for use with XACTADOSE[™] Precision Baiting System.

FOR USE IN AND AROUND HOMES, COMMERCIAL, INDUSTRIAL, OR INSTITUTIONAL AREAS

ACTIVE INGREDIENT: Hydramethylnon [tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone(3-[4-(trifluoromethyl)phenyl]- 1-(2-[4-(trifluoromethyl)phenyl]ethenyl)-2-propenylidene)hydrazone]	2.0%
INERT INGREDIENTS	<u>98.0%</u>
TOTAL	100.0%

EPA Reg. No. 241-313

Use only in areas not easily accessible to children and pets.

ACCEPTED
WITH COMMENTS
by EPA Letter Dated

KEEP OUT OF REACH OF CHILDREN

CAUTION!

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

CAUTION

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OCT 25 1996

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

241-313

May be harmful if swallowed. Avoid contact with skin and clothing. Wash hands thoroughly after handling.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention. In case of emergency, call collect, day or night, (201) 835-3100.

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STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Wrap used cartridge and place in a trash can.

DIRECTIONS FOR USE

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

SIEGE gel may be used as a spot or crack and crevice treatment for the control of cockroaches (including carbamate, organophosphate and pyrethroid resistant strains) in and around homes and the non-food/feed areas of institutional, warehousing and commercial establishments, such as groceries and supermarkets, hotels and motels, hospitals and nursing homes, schools, laboratories, computer facilities, sewers, buses, boats, ships, trains, planes, pet shops, and zoos.

Nonfood areas are areas such as garbage rooms, lavatories, floor drains (to sewers), entries, and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

~~Do not use in the food/feed product areas of food/feed processing plants, restaurants or other areas where food/feed is commercially prepared or processed.~~

SIEGE gel may be used only as a crack and crevice treatment in food/feed areas of restaurants and other commercial or institutional food handling establishments, and food manufacturing, processing, storage and warehousing facilities. Food areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) and distribution facilities. Serving areas (when food is exposed and facility is in operation) are also considered food areas.

APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD-HANDLING ESTABLISHMENTS OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

~~Do not apply in food serving areas while food/feed is exposed (Serving areas are considered areas where prepared foods are served, such as dining rooms, but exclude areas where foods may be produced or held).~~

Keep exposed gel away from open food and food contact surfaces. Do not place treatments in locations where routine cleansing operations may transfer diluted bait to food or food preparation surfaces.

~~Nonfood areas are areas such as garbage rooms, lavatories, floor drains (to sewers), entries, and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).~~

Not for use in USDA meat and poultry plants.

Application rate is dependent on level of infestation and species to be controlled. Numerous smaller placements will provide faster control than few larger spots, especially for German cockroach control. Pest population reduction will be apparent within a week or less.

Cockroaches become lethargic after ingesting the bait and some may be seen during daylight hours.

Cockroach Species	Application Rate (g/m ² infested surface areas)	Application Method
Small, such as German or brown-banded	0.25 - 0.50	Thin film or small spots
Large, such as American, smokybrown or Oriental	0.5 - 1.0	Larger spots

The lower application rate should be used for low to moderate infestations and the higher rate for more severe infestations. Gel placements should be at or near harborages or aggregation areas, such as cracks and crevices, corners, or areas of movement.

Outdoor Use Directions: For use outdoors to control smokybrown, American, oriental, woods, and other outdoor cockroach species. Apply bait to likely points of entry or harborage sites, such as: the cracks and crevices around windows, doors, porches, sills and screens; holes where pipes or utilities enter a structure; expansion joints; beneath siding or shingles; around firewood piles; eaves; attic or soffit vents; weep holes in masonry; and similar sites. Also, apply bait in likely breeding areas, such as tree holes, behind palm fronds, basements, crawlspaces, attics, garages, or similar sites.

Priority treatment areas may be identified by visual inspection of such areas listed above or aided by trapping techniques or spot flushings.

To apply gel, remove the cap on nozzle, touch the application tip to surface, and apply. Recapping the application tip after treatment is completed is recommended to preserve bait freshness. The bait will adhere to non-greasy or non-dusty surfaces and will remain palatable to cockroaches for at least 6 months. Repeat treatments as necessary to maintain adequate control.

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DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Reduced performance or other unintended consequences may result from external factors such as environmental conditions, presence of other materials, or the use or application of the product contrary to label instructions all of which are beyond the control of American Cyanamid Company. All such risks shall be assumed by the user. American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above.

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 or any other special or indirect damages.

American Cyanamid Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY.



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AGRICULTURAL PRODUCTS DIVISION
SPECIALTY PRODUCTS DEPARTMENT
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