

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Diatect International Inc.  
%Mr. Joseph Synek  
Formulation Development Labs., Inc.  
13930 W. 108th Street  
Lenexa, KS 66215

Dear Mr. Synek:

Subject: 8 Month Response to the Silicon Dioxide/Silica Gel  
Reregistration Eligibility Document (RED)  
Diatect D-20 Insecticide  
EPA Registration Number 42850-1  
Diatect Pet Powder  
EPA Registration Number 42850-3  
Your Submission Dated February 8, 1995

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

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

2. Make the labeling changes listed below before you release the product for shipment:

a. For both subject products based on the acute toxicity profile, revise the Hazards to Humans and Domestic Animals statements and the IF ON SKIN statement as follows:

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Use adequate ventilation and avoid breathing dust. Use a dust mask for prolonged periods of use. Wash thoroughly with soap and water after handling.

IF ON SKIN: Wash with plenty of soap and water. get medical attention if irritation persists.

CONCURRENCES

SYMBOL	[Signature]							
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- b. For both subject products, the heading DIRECTIONS FOR USE and the misuse violation statement should be placed above the paragraph which begins describing the application instructions.
- c. For EPA Reg. No. 42850-1, revise the Environmental Hazards to read as follows:

This product is toxic to fish. Do not apply directly to any body of water. Do not contaminate when disposing of equipment washwaters. Apply this product only as specified on this label.

- d. For EPA Reg. No. 42850-1, add the heading STORAGE AND DISPOSAL above the storage and disposal section.

3. Submit five copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

4. All the acute toxicity data submitted are acceptable and have been assigned the following toxicity categories:

<u>STUDY</u>	<u>STUDY CLASSIFICATION</u>	<u>TOXICITY CATEGORY</u>	<u>MRID NUMBER</u>
Acute Oral	Acceptable	IV	435564-01
Acute Dermal	Acceptable	III	435564-01
Acute Inhalation	Acceptable	IV	427520-02
Eye Irritation	Acceptable	III	435564-02
Dermal Irritation	Acceptable	IV	435564-02
Dermal Sensitization	Acceptable	Non-sensitizer	427520-04

A copy of the review is enclosed for your records.

Sincerely yours,

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

Enclosure

# DIATECT D-20 INSECTICIDE

For Control of:  
ROACHES, SILVERFISH, ANTS, BEDBUGS, HOUSEFLIES,  
FLEAS, TICKS, BOXELDER BUGS AND CRICKETS

ACTIVE INGREDIENTS:

Pyrethrins.....	0.2 %
Piperonyl Butoxide * .....	1.0 %
Silicon Dioxide.....	82.0 %
INERTS.....	16.8 %

\*Equivalent to 0.8% (butylcarbityl)(6-propylpiperonyl) ether  
and 0.2% related compounds.

Net Wt.: \_\_\_\_\_

Batch No. \_\_\_\_\_

EPA Reg. No. 42850-1

EPA Est. No. 58960-KS-1

CAUTION!

KEEP OUT OF REACH OF CHILDREN!

DIATECT INTERNATIONAL, INC.  
P.O. BOX 342  
SMITHCENTER, KANSAS 66967

See back panel for additional precautionary statements.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

JUL 28 1995

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

~~42850-1~~

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## PRECAUTIONARY STATEMENTS

### Hazards to Humans & Domestic Animals

**CAUTION:** Avoid contact with eyes and skin. In case of contact immediately flush eyes and skin with water. Get medical attention if irritation persists. Use in Adequate ventilation and avoid breathing of dust. Use dust mask for prolonged periods of use. Wash hands thoroughly after using and before smoking or eating.

### Statement of Practical Treatment

**IF SWALLOWED:** Do not induce vomiting unless directed by a physician. Contact a physician or poison control center immediately. **IF INHALED:** Remove person to fresh air. Apply artificial respiration if indicated. **IF ON SKIN:** Remove contaminated clothing and wash affected areas with soap and water. **IF IN EYES:** Flush with plenty of water. Call a physician if irritation persists.

### Environmental Hazards

This product is toxic to fish. Do not apply directly to lakes, streams, ponds or public waters. Do not apply outdoors when weather conditions favor drift from the treatment area. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

## DIRECTIONS FOR USE

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

### STORAGE AND DISPOSAL

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

**STORAGE:** Store in original container in a cool, dry place out of sunlight.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIATECT D-20 is intended for application with hand or powder duster, or other suitable means, to hiding and running areas, and places where pests are found. To apply DIATECT D-20 into cracks and crevices, use a bulbous duster or other suitable equipment. Apply lightly and uniformly in treatment area. The amount to be applied will vary with the site, but should usually be 8 to 16 oz./1,000 sq. ft. Repeat treatment as necessary to maintain adequate control.

**ROACHES and SILVERFISH:** Dust lightly, paying special attention to cracks and hidden surfaces, around pipes, sinks and moldings.

**ANTS, CRICKETS and BOX ELDER BUGS:** Dust lightly areas around windows, doors and other places where these pests may enter premises.

**BEDBUGS:** Treat liberally baseboards, moldings, cracks, bedstead and both sides of mattress.

**FLEAS and TICKS:** Lightly work the material into the hair of the animal, down to the skin. Use brush/comb to work material down to the skin. Pay strict attention to places where the animal cannot reach, such as the scalp. Dust the ears of the animal with care. Dust the animal's bedding and areas where the animal sleeps, as well as cracks and crevices adjacent to them. Repeat once a month or as necessary. Individual ticks observed on the animal should be dusted thoroughly.

**HOUSE FLIES:** Lightly coat window frames and sills so flies lighting will contact dust.

**FOOD and FEED-HANDLING ESTABLISHMENTS:** Places other than private residences in which food is held, processed, prepared or served.

**FOOD and FEED AREAS:** Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing) preparing edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). (Serving areas when food is exposed and facility is in operation are also considered a food area.) Application limited to spot or crack and crevice treatments only.

**CRACK AND CREVICE TREATMENT ONLY:** Apply in small amounts directly into cracks and crevices using equipment capable of directing insecticide in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases where cockroaches ants, silverfish and crickets hide. Spot treatment may also be made to areas where any of the above pests hide or inhabit such as baseboards, storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves and other equipment. Care should be taken to avoid depositing the product onto exposed food contact surfaces or introducing the material into the air.

**SPOT TREATMENT:** No individual spot will exceed two (2) square feet. Limit spot treatments to wall or floor surfaces where pests have been seen or where pests are suspected of hiding.

**NON-FOOD AREAS:** Including 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).

**WARRANTY STATEMENT**

Seller warrants that this product conforms to the ingredient statement on the label. Since conditions of use, such as weather, compatibility with other chemicals, and condition of application equipment, will vary, seller makes no claim other than those stated on this label.