

COPY FROM

Page 1 of 7.

The Hugel Company, Inc.
7625 Page Blvd.
St. Louis, Mo. 63133

Date: December 23, 1982

Approved By _____

Center Panel

(Black ink on light colored paper; minimum 8 point type size unless otherwise specified.)

- (Product name - large bold type)
- 1 EXCELCIDE MICRO-MIST
(Sub-heading - 10 point type size)
 - 2 5% Dichlorvos (DDVP) Insecticide
(Ingredient statement)
 - 3 ACTIVE INGREDIENTS:
 - 4 2,2-dichlorovinyl dimethyl phosphate* 4.65%
 - 5 Related Compounds* 0.35%
 - 6 Aromatic Petroleum Distillate 15.10%
 - 7 INERT INGREDIENT: 79.90%
 - 8 Total 100.00%

9 *Equivalent to 5% dichlorvos insecticide.
(Child Hazard Warning - 12 point type size)

10 KEEP OUT OF REACH OF CHILDREN
(Signal Word - 18 point type size)

11 WARNING

(Practical treatment - heading 10 point type size)

12 STATEMENT OF PRACTICAL TREATMENT

- 13 IF SWALLOWED - Call a physician or Poison Control Center immediately. If possible
- 14 vomiting should be induced under medical supervision. Drink one
- 15 or two glasses of water and induce vomiting by touching back of
- 16 throat with finger. Do not induce vomiting or give anything by mouth
- 17 to an unconscious person. Follow medical advice.
- 18 IF INHALED - Remove to fresh air and apply artificial respiration if indicated.
- 19 IF ON SKIN - Wash promptly with soap and water. Rinse thoroughly.
- 20 IF IN EYES - Rinse eyes for at least 15 minutes with water and call a physician
- 21 immediately.

NOTE TO PHYSICIANS: Product contains a cholinesterase inhibitor. Atropine should be

23 administered only if symptoms of cholinesterase inhibition appear.

(Referral statement - 8 point type size)

24 (See additional cautions on side panel.)

25

ACCEPTED
with COMMENTS
by EPA Label Board

MAR 30 1983

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2270-709

COPY FROM

Page 2 of 7.

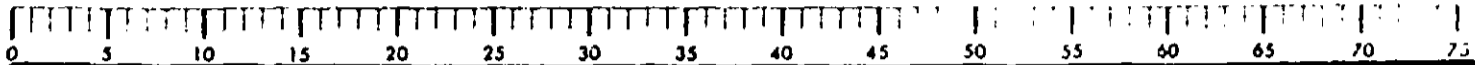
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P.17A



(Heading - 12 point type size)

1 ¡PRECAUCION!

2 AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya

3 sido explicada ampliamente.

(Heading - 12 point type size)

4 ENGLISH TRANSLATION

5 (TO THE USER: If you cannot read English, do not use this product until the labeling has

6 been fully explained to you.)

(Sub-heading - 12 point type size)

7 FOR USE BY PEST CONTROL OPERATORS, SERVICEPERSONS, AND EMPLOYEES OF

8 FOOD PROCESSING PLANTS AND RELATED INDUSTRIES.

(Sub-heading - 8 point type size)

9 FOR INDUSTRIAL USE IN WAREHOUSES, RAILROAD CARS, STATIONARY TRUCKS,

10 FOOD PROCESSING PLANTS AND RESTAURANTS, FLOUR MILLS, GRAIN MILLS,

11 RICE MILLS, BAKERIES, BEVERAGE, SNACK FOOD, CANNING, PACKING PLANTS,

12 PACKAGING PLANTS, AND MILITARY INSTALLATIONS.

(Logo - large type size)

13 THE HUGE' COMPANY, INC.

14 7625 Page Blvd.

15 St. Louis, Mo. 63133

16 EPA Reg. No. 2270-

17 EPA EST. NO. 2270-MO-01

(Statement of content - 10 point type size)

18 NET CONTENT GALLONS

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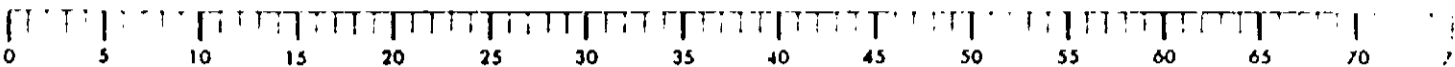
The Hugel Company, Inc.
7625 Page Blvd.
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Page 3 of 7.

Date December 23, 1982

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Side Panel



(10 point type size)

1 PRECAUTIONARY STATEMENTS

(10 point type size)

2 HAZARDS TO HUMANS & DOMESTIC ANIMALS

(18 point type size)

3 WARNING

4 Do not get in mouth. Poisonous if swallowed, inhaled or absorbed through skin. Wear
5 rubber gloves while filling, operating or emptying application equipment. Do not get
6 liquid in eyes. Avoid contact with skin, eyes or clothing. Wear protective clothing.
7 Wash hands, arms and face with soap and water after handling and before eating or
8 smoking. Do not contaminate food or feed products. Persons exposed to this product's
9 vapors during treatment should wear a pesticide respirator jointly approved by the
10 Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines)
11 and by the National Institute for Occupational Safety and Health under the provisions
12 of 30 CFR part 11. Keep unprotected persons out of operating areas. Do not allow
13 insecticide or its fumes to drift into areas not being treated.

(Heading - 10 point type size)

14 ENVIRONMENTAL HAZARDS

15 This product is toxic to fish, birds and other wildlife. Keep out of any body of water.
16 Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this
17 product only as specified on this label, or in accordance with FIFRA Section 2 (ee).

(Heading - 10 point type size)

18 DIRECTIONS FOR USE

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

(Heading - 12 point type size)

21 STORAGE AND DISPOSAL

STORAGE: Store in an area separated from food or feed. Keep container tightly closed.

23 PESTICIDE DISPOSAL: Pesticide, spray mixture, or rinse water that cannot be used
24 according to label instructions must be disposed of according to Federal or approved
25 state procedures under Subtitle C of the Resource Conservation and Recovery Act.

COPY FROM

Page 4 of 7.

The Hugel Company, Inc.
7625 Page Blvd.
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Date December 23, 1982

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PICA



1 CONTAINER DISPOSAL: Metal Containers - Triple rinse (or equivalent). Then offer for
2 recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other
3 approved state and local procedures. Plastic Containers - Triple rinse (or equivalent).
4 Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by
5 incineration if allowed by state and local authorities.

6 GENERAL: Consult federal, state or local disposal authorities for approved alternate
7 procedures.

8 This product is a specially formulated insecticide designed for use in the control of exposed
9 stages of stored products insects infesting warehouses containing nonperishable, packaged
10 or bagged, raw or processed food commodities. The term "nonperishable" means any raw
11 or processed food not subject to rapid decay or deterioration that would render it unfit for
12 consumption.

(Paragraph)
13 Raw commodities would include cocoa beans, field-dried beans, grains and nuts. Not
14 included are: eggs, milk, meat, poultry, fresh fruits and vegetables, such as onions,
15 parsnips, potatoes and carrots.

(Paragraph)
16 Processed foods would include: flour, sugar, cereals, packaged goods and crackers. Not
17 included are hermetically sealed foods or manufactured dairy products and other processed
18 foods requiring refrigeration.

(Heading - 10 point type size)
19 USE AND APPLICATION DIRECTIONS
(Paragraph)

20 For the control of the exposed stages and the prevention of migration of most species of
21 stored products insects, granary weevils, rice weevils, confused flour beetles, saw-
22 toothed grain beetles, cigarette beetles, Indian meal moths, and cocoa bean moths in
23 warehouse storage areas, in food processing areas of food processing plants and rest-
24 aurants, in flour, grain and rice mills, bakeries, beverage, packaging, canning and
25 bottling plants, and in brewery plants and warehouses and at military installations during

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The Hugel Company, Inc.
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Page 5 of 7.

Date December 23, 1982

Approved By _____

Side Panel

PIC.A



- 1 times when that portion of the facility receiving the treatment is not in operation and no
- 2 food products are exposed. If bulk, unpackaged foods are exposed, before spraying begins,
- 3 remove the foods or thoroughly cover them so that no contamination can occur.
(Paragraph)
- 4 Use this product in ULV application equipment adjusted to deliver small particles:
- 5 Micro-Gen, LECO, PRO ULV, Porta-Pak, Fogatron, or similar industrial-type ULV
- 6 equipment. The rate of application should be between 1-2 grams of actual dichlorvos per
- 7 1000 cu. ft. or 1/2 to 1 ounce of liquid (undiluted) per 1000 cu. ft. A lesser dosage can
- 8 be used as long as the application remains effective. Application for control of insects
- 9 not named on this labeling is allowable as long as the application is at a site named on
- 10 the labeling and the application is effective as an aid in control of the target insects.
(Paragraph)
- 11 Check amount of this product in the equipment insecticide tank or auxiliary tank before and
- 12 after treatment to assure proper product and dosage have been applied. If any problems are
- 13 encountered, check with your supervisor before proceeding with the application. Return
- 14 unused insecticide to original container and clean the application equipment outdoors using
- 15 Micron Generator Cleaning Solution (or similar) before returning to vehicle or storage
- 16 area. Keep insecticide container tightly sealed when not in use, and agitate contents prior
- 17 to filling application equipment.
(Paragraph)
- 18 Treatment should be made during the hours when buildings are unoccupied. Building should
- 19 be closed and ventilation kept at a minimum during application of the insecticide. Lock all
- 20 entrances and do not allow unprotected or unauthorized persons and workers to enter the
- 21 buildings during treatment period.
(Paragraph)
- 22 Place caution signs at all entrances stating: This building should be opened and aired prior
- 23 to re-entry of unprotected workers, or remain unoccupied by unprotected workers for at
- 24 least 6 hours after treatment. Do not enter prior to _____ o'clock on _____
(time) (date)
- 25 without proper protection.

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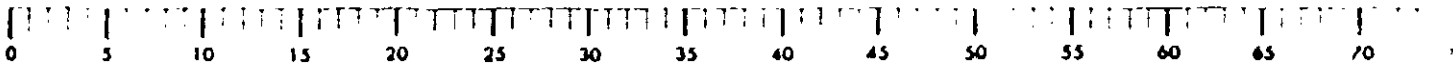
The Hugel Company, Inc.
7625 Page Blvd.
St. Louis, Mo. 63133

Page 6 of 7.

Date December 23, 1982

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(Paragraph)

- 1 If facility employs personnel not able to understand or read English, their supervisor
- 2 should be sure to explain fully the label cautions and uses and the above-described sign
- 3 to them.

(Paragraph)

- 4 Repeat treatment as needed for satisfactory control and preventive insect control.
- (Paragraph)
- 5 Exposed food should be removed during treatment or thoroughly covered so that no
 - 6 contamination can occur. All food processing surfaces should be thoroughly protected
 - 7 from any possible pesticide contamination during treatment or thoroughly cleaned of
 - 8 pesticide contamination before processing and food contact is resumed. When using the
 - 9 product in these areas apply only when the facility is not in operation.

(Paragraph)

- 10 SPACE SPRAY - Diluted for Ordinary Mechanical Fogging Equipment (Industrial-type):

- 11 To kill American, brown-banded, German, and oriental roaches, silverfish, fleas,
- 12 earwigs, ants, spiders, psocids (book-lice), and exposed stages of above named stored
- 13 products insects in sheltered situations: Dilute to 1% to 3% with refined kerosenes which
- 14 meet Food Additive Regulation 121.1182 and mix well. Apply as a coarse spray using
- 15 fogging, misting, or ULV equipment, at the rate of about 2 1/2 ounces per 1000 cu. ft.
- 16 Contact as many of the insects with the spray as possible. Thoroughly spray all parts of
- 17 the room suspected of harboring these insects. Special attention should be given to crack ,
- 18 crevices, hidden crawl spaces, hidden surfaces under equipment, pallets, and food
- 19 storage areas. Do not use in the edible product areas of food processing plants,
- 20 restaurants or other areas where food is commercially prepared or processed. Do not
- 21 use in serving areas while food is exposed. Sweep up and destroy dead or fallen insects.

Repeat treatment as necessary.

(Paragraph)

- 22 CONTACT SPRAY - Diluted for use with sprayers that give large, wetting particles:

- 23 Dilute to 1% with refined kerosenes which meet Food Additive Regulation 121.1182. Apply
- 24 1 pint (16 fluid ounces) per 1000 square feet of surface. Do not use in the edible product

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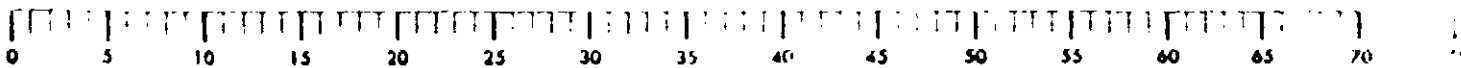
Page 7 of 7.

The Hugel Company, Inc.
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- 1 areas of food processing plants, restaurants or other areas where food is commercially
- 2 prepared or processed. Do not use in serving areas while food is exposed. Sweep up
- 3 and destroy dead or fallen insects. Repeat treatment as necessary.

(Heading - 8 point type size)

4 GENERAL OPERATING INSTRUCTIONS

- 5 (For specific operating instructions, refer to Manufacturer's Instruction Booklet. Do not
- 6 abuse equipment. Be sure it is in proper operating condition before using.)

- 7 1. Having calculated amount of time required for treatment and flow rate required, place
- 8 machine at farthest point from intended exit.

- 9 2. Direct nozzle(s) upward and pointed down aisle, not directly toward any nearby object.

- 10 3. Start machine and adjust flow to desired rate. Calibrate if necessary. Refer to
- 11 equipment operating manual.

- 12 4. Operate for calculated time period. Begin by backing along precalculated path at
- 13 predetermined speed.

- 14 5. When treatment time has been completed, stop insecticide flow by closing valve. Wait
- 15 until spray stops. Then stop the machine and remove it from the area.

- 16 6. Wait at least 6 hours after completion of treatment before ventilating. Keep unprotected
- 17 persons out of treated areas until ventilation has been completed.

(Heading - 10 point type size)

18 NOTICE (Paragraph)

- 19 Buyer assumes all risks of use, storage and handling of this product not in strict
- 20 accordance with directions given on this labeling.

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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WJ-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	

NOTICE OF PESTICIDE: REGISTRATION REREГИSTRATION
(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

DRP
 2/16/83
 161/86820
 18/1

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 endorsement 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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
---------------------------------	------

- d. Change the heading "Use and Application Directions" to "ULV Applications."
- e. Recommend a specific closed treatment time for ULV applications. A conflict is presented by the current sign posting statement "Opened and aired prior to re-entry (no time specified)," "remain unoccupied...for at least 6 hours" (presumably reentered without ventilation) and the General Operating Instructions "Wait at least 6 hours after completion of treatment before ventilating." Note that this could be resolved by indicating a 6-hour treatment period followed by venting and adding "12 or 16 hours exposure may be used, if convenient or preferred, in which case ventilation is not necessary" as appears on the ULD V-500 sample label you included as an example. The text of the Danger sign should then be modified accordingly to recommend opening after 6 hours and airing prior to reentry, or remaining unoccupied 12 to 16 hours.

Be sure to change "Place caution signs" to "Place DANGER signs" in this section.

- f. Add as a new first item of the General Operating Instructions:
 - 1. Wear specified protective clothing and respirator during loading and application.

The remaining items should then be renumbered accordingly.

3. Submit five (5) 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.

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

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

George T. LaRocca
 Product Manager (15)
 Insecticide-Rodenticide Branch
 Registration Division (15-767)

Enclosures

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (HT-567) WASHINGTON, D.C. 20460 NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended)	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>FAIRY COMPANY, INC. 2230 E. MICHIGAN AVENUE ANN ARBOR, MI 48106</p> </div> <div style="width: 35%; text-align: center;"> $\begin{array}{r} 160 \\ 18 \overline{) 85678} \\ \underline{18} \\ 1 \end{array}$ <p style="text-align: right;"><i>WHR</i></p> </div> </div>		
<p>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.</p> <p>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.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 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. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Add the phrase "EPA Registration No. 270-201." b. "Natural ingredients...environmentally sound" is a safety claim and must be deleted. c. The headings "Indoor Plants, Flowers and Bedding Plants, Fruit and Nut Trees, Ornamental Trees and Shrubs and Greenhouses" must be either underlined or boldtyped so as to enhance their readability. d. Also, sequentially speaking, all of the above uses should precede the DIRECTION FOR USE heading. 		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE