



METERED  
INSECTICIDE  
REFILL

LITTLE MISTER DISPENSER

KILLS FLIES, MOSQUITOS, GNATS AND  
CERTAIN OTHER SMALL FLYING INSECTS

NET WT. \_\_\_\_\_ DAY SUPPLY  
\_\_\_\_\_ 92

CAUTION: KEEP OUT OF REACH OF  
CHILDREN

EPA REG. NO.  
EPA EST. NO.

ACTIVE INGREDIENTS:

Pyrethrins..... .90%  
Technical Piperonyl Butoxide\*... 9.00%  
Petroleum Distillates.....10.10%

INERT INGREDIENTS:

\*Consists of 7.2% (butylcarbityl)  
(6-propylpiperonyl) ether and 1.8%  
of related compounds.

CAUTION: Use 12' or more from exposed  
foods. Do not use close to varnished  
surfaces. Do not use in nurseries or rooms  
where infants, ill or aged persons are  
confined.

WARNING: Contents under pressure. Do not  
puncture. Do not use or store near heat  
or open flame. Exposure to temperature  
above 130° F may cause bursting. Never  
throw container into fire or incinerator.

RECEIVED

For use in non-residential food  
areas, such as commercial or in-  
stitutional kitchens, dining areas  
and pantries, supermarkets, food  
plants, food warehouses, bottling  
plants, hospitals, nursing homes, day  
care centers, hotels, motels, and egg  
& milk handling areas of dairies  
and chicken houses.

Chem Tech Metered Refill is en-  
gineered for highly effective use in  
automatic aerosol dispensers, is  
many times stronger than average  
insecticides, and of special design  
for long lasting operations. The  
dispenser automatically actuates  
every fifteen minutes, releasing tiny  
particles which remain suspended in  
the air, killing flying insects.  
Within 24 hours the area is relatively  
free of small flying insects and with  
continued use reduces annoyance from  
them. One dispenser is designed  
to protect a room up to 30'x20'x10'.

OPERATION: Remove protective cap  
from top of can and insert can in  
dispenser. Suspend dispenser 7' from  
floor and at a point where wind  
flow will carry the particles through-  
out the room.

**CHEM-TECH**  
LTD.

1727 Hull Avenue • Des Moines, Iowa 50313

ACCEPTED  
with COMMENTS  
in EPA REGISTER

OCT 13 1982

TO:  
FR:  
BY:  
DATE:

47000-8

RECEIVED

JUL 19 1982

REGISTRATION DIVISION  
(TS-767)

<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>OFFICE OF PESTICIDES PROGRAMS</b> <b>REGISTRATION DIVISION (911-567)</b> WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	OCT 13 1982
	TERM OF ISSUANCE	OCT 13 1982
<b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREГИSTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	NAME OF PESTICIDE PRODUCT	
NAME AND ADDRESS OF REGISTRYANT (Include ZIP code)		
1177 1/2 N. W. 11th St. Ocala, Florida 32137		
160/74697 18/1		
<b>NOTE:</b> 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.		
This product is exempt from the requirements of the FIFRA Act, (c)(7)(A) provided that:		
1. It is not a restricted use pesticide as defined in the FIFRA Act, and		
2. It is not a pesticide which is classified as a "highly hazardous" pesticide under the FIFRA Act.		
All the following conditions must be met:		
(a) The pesticide is not a restricted use pesticide as defined in the FIFRA Act.		
(b) The pesticide is not a pesticide which is classified as a "highly hazardous" pesticide under the FIFRA Act.		
(c) The pesticide is not a pesticide which is classified as a "highly hazardous" pesticide under the FIFRA Act.		
(d) The pesticide is not a pesticide which is classified as a "highly hazardous" pesticide under the FIFRA Act.		
(e) The pesticide is not a pesticide which is classified as a "highly hazardous" pesticide under the FIFRA Act.		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE
		OCT 13 1982

attention if irritation persists. If swallowed, do not induce vomiting. Call a physician immediately.

Do not apply directly to food. Commercial food handling facilities, cover or empty any food and food processing equipment during application. Do not apply while food processing is under way. After space spraying in food processing plants, wash all equipment with potable water, benches, shelving, etc., where exposed food will be handled. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use.

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

- c. Add the following statement immediately following the heading "Directions for Use":

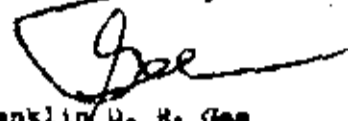
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

- d. Refer to the enclosed "Pesticide & Container Disposal Sheet" for the appropriate wording.
- e. Place a zero ("0") to the left of the decimal in 0.9%.  
f. Note the correct declaration of "Piperonyl butoxide, technical."  
g. Delete "Certain other small flying insects." All insects (flying) must be specified.  
h. Delete "warning" from the flammability statement and add the heading "Physical or Chemical Hazard."  
i. The child signal wording must be placed immediately below the ingredient statement.

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(e). Your release for shipment of the product constitutes acceptance of these conditions.

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



Franklin D. Gee  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767) (0103)

Enclosure



# Dwell 4L

nitrification inhibitor

ACTIVE INGREDIENT	
5-Ethoxy-3 (trichloromethyl) 1,2,4-thiadiazole	45.0%
INERT INGREDIENTS	55.0%
TOTAL	100.0%

U.S. Pats. 3,260,586 and 3,260,720, others pending  
 (Contains 4 lbs. 5-Ethoxy-3(trichloromethyl) 1,2,4-thiadiazole per U.S. gallon at 68°F)

EPA Reg. No. 1248-1005  
 EPA EST. 1248-01-1

NET CONTENTS  
 5 GALLONS

**PRECAUTIONARY STATEMENTS**  
 Hazards to Humans and Domestic Animals  
**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**

Warning: May be fatal if absorbed through skin. Causes skin irritation. Harmful if swallowed or inhaled. Do not breathe vapors. Do not get on skin or on clothing. Wash contaminated clothing prior to reuse. When handling or using this concentrate, wear natural rubber gloves. Wash thoroughly with soap and water after handling and before eating or smoking.

**STATEMENT OF PRACTICAL TREATMENT**

If swallowed, do not induce vomiting. Contains petroleum hydrocarbons. Obtain prompt medical attention. In case of skin contact, wash affected areas thoroughly with soap and warm water and flush with water for 15 minutes. If in eyes, flush with clean water for 15 minutes. If inhaled, remove to fresh air.

**ENVIRONMENTAL HAZARDS**

This material is toxic to fish. Avoid contact with fish, ponds and streams. Do not apply directly to water.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use open flame. Store away from heat and open flame.

Dwell 4L and are trademarks of Olin Corporation.

Approved by  
 VEG. COMMISSION  
 H. H. A. Letter: 14/80  
 OCT 22 1982  
 Registered under EPA Reg. No. 1248-1005  
 1250-1005

**DIRECTIONS FOR USE**

For a complete Federal Law to use this product in a manner inconsistent with the label:

**COTTON, FIELD CORN, WHEAT** To delay nitrification of ammoniacal or urea based fertilizers by inhibiting the activity of Nitrosomonas spp. bacteria. Apply Dwell at the rate of 1 pint per acre as a fall or spring broadcast or as planting band or broadcast application in conjunction with urea or ammonia based fertilizers. Post plant application may be made at a rate of 1/2 pint Dwell per acre. **INCORPORATE ALL SURFACE APPLICATIONS DURING OR IMMEDIATELY AFTER APPLICATION** to a depth of 2 to 4 inches (5 to 10 centimeters) using the tillage implement used for or before cotton, field corn or wheat as fertilized crops with 4 months of application.

**UREA OR UAN SOLUTION FERTILIZERS** Apply Dwell 4L as a tank mix in combination with liquid urea or UAN fertilizers using appropriate application equipment. To test for compatibility in liquid fertilizer place 1 pint of the fertilizer mixture and 2 to 4 ounces of Dwell in a quart jar. Close jar and shake well. Observe the mixture at once and again after 30 minutes. If a stable emulsion is formed, no compatibility agent is required. If the mixture balls up or forms an oily layer at the top of the fertilizer, an appropriate compatibility agent is recommended. If a precipitate forms or the mixture flakes, or the Dwell cannot be physically mixed with the fertilizer, Dwell and the liquid fertilizer should not be used together in the same spray tank. See overlay application if incompatibility exists. To insure a uniform mixture, agitation in tanks is recommended.

**DRY UREA OR AMMONIUM FERTILIZERS** See overlay for broadcast or band dry fertilizer application.

**IMPRONATED FERTILIZERS** Dwell 4L may be coated on dry urea or ammoniacal forms of fertilizer using suitable equipment designed for impregnation of fertilizers. Treated fertilizer should be impregnated daily as needed.

**OVERLAY WITH FERTILIZERS** Application may be made in conjunction with all liquid or dry forms of ammoniacal or urea based fertilizers as a stable emulsion broadcast spray alone or in combination with pre plant incorporated herbicides as sufficient water is available for uniform application.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**PESTICIDE DISPOSAL:** Spray mixture or residue that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) and offer for recycling or reconditioning, or disposal in a sanitary landfill or by incineration if permitted by State and local authorities.

BEST DOCUMENT AVAILABLE

331 76124  
18 2

UCT 22 1982

Olin Corporation  
275 E. Winchester Avenue  
P. O. Box 30-275  
New Haven, CT 06511

Attention: J. C. Rockwell

Gentlemen:

Subject: Dwell 4L  
EPA Registration No. 1258-1005  
Registration Dated March 3, 1982

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

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. Submit production information (pounds or gallons produced) for this product for the fiscal year in which the use(s) on corn and wheat is (are) conditionally registered, in accordance with FIFRA sec. 29. The fiscal year begins October 1 and ends September 30. Production information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year.


This information should be submitted to:

Process Coordination Branch  
Registration Division (TS-767)  
Environmental Protection Agency  
Washington, D.C. 20460

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

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

Sincerely yours,

  
Henry M. Jacoby  
Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (TS-767)

Enclosure

TS-767; Jacoby; DCR-33443; WANG-0968H; tfm; Raven; 479-2013; 8/26/82