

LEE FRANCH REVIEW

DATE: IN \_\_\_\_\_ OUT \_\_\_\_\_ IN 3/1/77 <sup>OUT</sup> 9/26/77 IN \_\_\_\_\_ OUT \_\_\_\_\_  
FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. 7478UL

PETITION OR EXP. PERMIT NO. \_\_\_\_\_

DATE DIV. RECEIVED 1/21/77

DATE OF SUBMISSION \_\_\_\_\_

DATE SUBMISSION ACCEPTED 2/25/77 3CID-2B-yes

TYPE PRODUCT(S): (I, )D, H, F, N, R, S \_\_\_\_\_

PRODUCT MGR. NO. J. Rea - 13

PRODUCT NAME(S) Methoxychlor 50W

COMPANY NAME Chem-Pak Company

SUBMISSION PURPOSE Use on fruit, vegetables, flowers and ornamentals, cattle farm buildings and premises, grain storage bins.

CHEMICAL & FORMULATION 2, 2 - bis (p - methoxyphenyl) - 1, 1, 1 - trichloroethane and other isomers and related compounds (Methoxychlor)

1.0 Introduction

1.1 Methoxychlor, 2, 2 - bis (p - methoxyphenyl) - 1, 1, 1 - trichloroethane and other isomers and reaction products, Marlite, CAS 72-43-5, ENT 1716.

1.2 Percent active: 50% total  
44% 2, 2 - bis (p - methoxyphenyl) - 1, 1, 1 - trichloroethane  
6 % other isomers and related compounds

1.3 For use on the following:

Vegetables: Asparagus, snap or pole beans, tomatoes, potatoes, cucumbers, beans, corn, cabbage, peas, carrots, snap or navy beans, peppers, squash.  
Fruit: peaches, prunes, plums, apples, cherries, blackberry, grapes, raspberry, strawberry  
Flowers and ornamentals: roses, shrubs, shade trees  
Farm buildings and agricultural premises.  
Grain storage bins.

1.4 Other environmental reviews:

4F1467	8/8/74
38338-EUP-1	6/16/77
38338-EUP	2/19/76
9F0768	8/5/70
8F0680	1/19/68, 12/30/68

2.0 Directions for Use

2.1 Vegetables.

Spray 2# lbs. (1.7 lbs. a.i.) per acre. Repeat at 7-10 day intervals as needed. Do not apply to asparagus, summer squash, tomatoes, corn or peppers within 7 days of harvest. Do not apply to carrots within 7 days of harvest (14 days if tops are used for food or feed). Preharvest interval (PHI) is 3 days for beans or cabbage. PHI for winter squash is 2 days. Do not apply to squash at more than 3.4 lbs. (1.7 lbs. a.i.)/acre.

2.2 Fruit.

Peaches, prunes, plums, apples. PHI peaches: 21 days. PHI apples, cherries, plums: 7 days. Apply at petal fall and twice later at 7 day intervals. Spray with 1/2 lb. per 25 gals. of water.

Blueberry, grape, raspberry, strawberry. PHI: 14 days.  
Apply at 7-10 day intervals as necessary. Use 1/2-3/4  
lb. per 25 gal. water.

2.3 Roses, ornamentals, hardy shrubs, shade trees.

Spray with 4 tablespoons per gal of water. Repeat as needed  
every 7-14 days.

2.4 Farm buildings, agricultural premises.

To control flies in barns, milk rooms, pens and stalls, mix  
1 lb. in 2 1/2 gal. of water. Apply 1 gal./250 sq. ft.  
Remove dairy animals while treating barns. Do not contaminate  
milk, feed, or drinking water.

2.5 Grain storage bins.

Spray all surfaces. Mix 1 lb. in 2 1/2 gals. water; apply  
1 gal./250 sq. ft.

2.6 Beef cattle.

Use 2 lbs./25 gals. water. Use 2 quarts spray or 1-2 oz.  
dust per animal. Do not apply to animals being finished  
for slaughter. Do not contaminate feed or water. For spot  
treatment of tail lice, spray with 4-6 lbs./25 gals. water.

2.7 Dairy cattle.

Lactating. Apply 1 tablespoon to the back and neck. Repeat  
every three weeks.

Nonlactating. As a spray or dip, mix 2 lbs./25 gals. water.  
Use 2 qts./head. Do not spray during lactation or within  
2 weeks of freshening. Do not dip calves under 1 month of  
age. Do not contaminate feed and foodstuffs.

2.8 Keep out of any water body. Do not apply where runoff is  
likely to occur. Do not apply when weather conditions favor  
drift. Do not contaminate water by cleaning of equipment or  
disposal of wastes.

- 2.9 Apply after 2pm to lessen danger to bees.
- 2.10 Do not reuse empty container.
- 3.0 Discussion of Data
  - 3.1 Data previously reviewed will not be validated at this review per Rogoff's memo to Doug Campt of August 12, 1977.
- 4.0 Conclusions
  - There is no new data referenced.
- 5.0 Recommendations
  - 5.1 It appears that these uses have tolerances and have been on registered products labels for years. We feel that this should be handled according to Mr. D. Campt's memo of May 13, 1977 which refers to Mr. Ed Johnson's memo of May 12, 1977. We see no new uses.

*R. E. Ney 10/18/77*

Ronald E. Ney, Jr. 9/26/77

*Nancy Dodd 10/18/77*

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Environmental Chemistry Section  
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