

018101

Date Out EFB: MAY 30 1986

To: G. Werdig
Product Manager 50
Registration Division (TS-767)

From: Samuel M. Creeger, Chief *SM*
Review Section No. 1
Exposure Assessment Branch
Hazard Evaluation Division (TS-769)

Attached please find the environmental fate review of:

Reg./File No.: _____

Chemical: (2-chloroethyl)trimethylammonium chloride

Type Product: Plant growth regulator

Product Name: _____

Company Name: American Cyanamid

Submission Purpose: Request waiver from the requirements of the

Ground Water Data Call In

Date In: 4/9/86

Action Code: 400

Date Completed: MAY 30 1986

EAB # 6510

Days 0.3

Deferrals To:

_____ Ecological Effects Branch

_____ Residue Chemistry Branch

_____ Toxicology Branch

1. CHEMICAL: (2-chloroethyl)trimethylammonium chloride; CYCOCEL.
2. TEST MATERIAL: N/A
3. STUDY/ACTION TYPE:

American Cyanamid is requesting waiver from the requirements of the Ground Water Data Call In.

4. STUDY IDENTIFICATION: N/A
5. REVIEWED BY:

Samuel M. Creeger, Chief
Section #1/EAB/HED

6. APPROVED BY:

Samuel M. Creeger


MAY 30 1986

7. CONCLUSIONS:

Based on soil column leaching data reviewed in the May 10, 1976 EAB evaluation, the active ingredient and its soil aged products have little potential for leaching. This fact, in conjunction with the low volume use and the fact that most use of CYCOCEL is used in the greenhouse (and not outdoors on soil) allows the conclusion that use of CYCOCEL as directed by the label will not result in residues reaching ground water.

8. RECOMMENDATIONS:

The active ingredient does not raise a flag with respect to potential to reach ground water. It is recommended that the data requirements imposed by the Ground Water Data Call In be waived for this active ingredient.

9. BACKGROUND:

CYCOCEL is a plant growth regulator used in the production of azaleas and poinsettias. It is a low volume use involving 9,000 - 10,000 pounds of active ingredient per year and most applications are made to plants in the greenhouse.

10. DISCUSSION OF INDIVIDUAL TESTS OR STUDIES: N/A

11. COMPLETION OF ONE-LINER:

This submission did not contain environmental fate data to add to the one-liner.

12. CBI APPENDIX: N/A