

043401

Date Out EFB:

MAY 13 1986

To: H. Jacoby
Product Manager 21
Registration Division (TS-767)

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



Attached please find the environmental fate review of:

Reg./File No.: 45639-126

Chemical: Cycloheximide

Type Product: Fungicide

Product Name:

Company Name: Nor-Am

Submission Purpose: Mention of difficulties in preparing radiolabeled
cycloheximide

Date In: 10/21/85

Action Code: 660

Date Completed: MAY 13 1986

EAB # 6052

Days 0.1

Deferrals To:

Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

Monitoring study requested by EAB: ☐

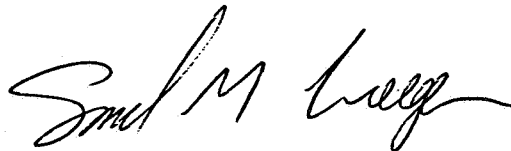
Monitoring study voluntarily conducted by registrant: ☐

1. CHEMICAL: Cycloheximide
2. TEST MATERIAL: N/A
3. STUDY/ACTION TYPE: N/A
4. STUDY IDENTIFICATION: N/A
5. REVIEWED BY:

Samuel M. Creeger
Chief, Section 1
EAB/HED

6. APPROVED BY:

Samuel M. Creeger



MAY 13 1986

7. CONCLUSIONS:

The registrant has submitted a letter describing the difficulties they are having in preparing radiolabeled cycloheximide. The Agency understands the impact this may have in conducting the environmental fate studies according to schedule for the Registration Standard.

EAB reiterates its position that use of tritium labeled cycloheximide is not the preferred label but if all other radiolabels are not feasible, then the tritium label may be acceptable if combined with a carbonyl labeled study. The registrant may want to consider a microbial synthesis using radiolabeled formic acid or acetic acid as starting material. There are published papers describing such syntheses.

8. RECOMMENDATIONS:

It is recommended that the registrant be notified of the CONCLUSIONS section above.

9. BACKGROUND: N/A
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