

US EPA ARCHIVE DOCUMENT

REney:rjj  
5/23/66

Evaluation of Data for Registration  
for Endothall  
Application of February 9, 1966  
by Pennsalt Chemicals Corp.

Regs. No. 4581

INTRODUCTION

The name of this chemical is Mono(N,N-dimethylalkylamine) salt of Endothall [7-oxabicyclo (2.2.1) heptane-2,3-dicarboxylic acid]. The alkyl group as in fatty acids of coconut oil.

The name of the product is Accelerate, 15.9% salt of Endothall and contains 0.52 lbs. Endothall per gallon.

This is a new use on cotton as a defoliant.

DIRECTIONS FOR USE

Apply 1.5 pts./A (0.0975 lbs.A/A) preharvest defoliant 3 to 7 days before harvest plus 1.25 lbs. Folex or Defliants/A. tank mix.

ANALYTICAL METHOD

There is no certainty that the salt remains intact, it was reasoned that the amine and Endothall should be analyzed for separate ionic species.

Radio chemical method for Endothall and chemical method for Dimethylcocoamine (DMCA)

DISCUSSION OF DATA

There is no specific chemical method. Radio chemical data is insufficient to support proposed use.

CONCLUSION

We would like a specific chemical method for the analysis of Endothall for enforcement purposes.

RECOMMENDATION

It is recommended that this use not be registered because of the reason in the conclusion.