

12-17-86

Shaughnessy No.: 216400

Date Out of EAB: DEC 17 1986

To: John lee  
Product Manager #31  
Registration Division (TS-767)

From: Herbert Manning Ph.D., Acting Chief  
Environmental Chemistry Review Section 1  
Exposure Assessment Branch  
Hazard Evaluation Division (TS-769C)

*HSM*

Attached, please find the EAB review of...

Reg./File # : 33753-T, 33753-A, 33753-L

Chemical Name: 2-Bromo-2-nitorpropane-1,3 diol (Bronopol)

Type Product : Bactericide

Product Name : BIOCIDE M-95

Company Name : Thomposon-Hayward

Purpose : Review of Hydrolysis Study

Action Code: 161

EAB #(s) : 70033-35

Date Received: 10-23-86

TAIS Code: \_\_\_\_\_

Date Completed: 12-16-86

Total Reviewing Time: 0.5

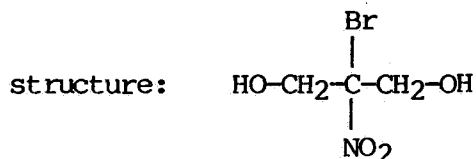
Monitoring study requested: \_\_\_\_\_

Monitoring study voluntarily: \_\_\_\_\_

Deferrals to: \_\_\_\_\_ Ecological Effects Branch  
\_\_\_\_\_ Residue Chemistry Branch  
\_\_\_\_\_ Toxicology Branch

1. CHEMICAL:

common name: Bronopol  
 chemical name: 2-bromo-2-nitropropane-1,3-diol  
 trade name: BIOCIDE MS-2

2. TEST MATERIAL:

BIOCIDE MS-2

3. STUDY/ACTION TYPE:

THOMPSON-HAYWARD CHEMICAL COMPANY  
 has submitted a hydrolysis study  
 for review in response to a previous  
 (12/3/85) review.

4. STUDY IDENTIFICATION:

Crampton, E.L. 1968. BRONOPOL-  
 HYDROLYSIS STUDY. The Boots Company  
 PLC Industrial Division, Nottingham  
 Acc. No. 265943

5. REVIEWED BY:

Alan N. Evans  
 Chemist  
 EAB/HED

Signature: 

Date: 12-17-86

6. APPROVED BY:

Herbert L. Manning  
 (Acting) Chief, Section 1  
 EAB/HED

Signature: 

Date:

DEC 17 1986

11. COMPLETION OF ONE-LINER:

Not applicable

7. CONCLUSION:

This review is a duplicate of a review that was dated and approved on December 15, 1986. For more information see the review in question.

8. RECOMMENDATION:

EAB reviewed the hydrolysis study submitted and concluded that the registrant has replied to and met the conditions of an earlier request (review of Dec. 15, 86) for this information from EAB to satisfy the deficiencies of the study.

9. BACKGROUND:

A. Introduction

See section #3 of this review.

B. Direction for use

See attached proposed label.

10. DISCUSSION OF INDIVIDUAL TEST OR RESULTS

A. Study Identification

Not applicable

B. Materials and Methods

Not applicable

11. COMPLETION OF ONE LINER:

Not applicable

12. CONFIDENTIAL INDEX:

This review does not contain a CBI.

3