

DP Barcode : D206068  
 PC Code No : 072501  
 EEB Out :

To: Kathryn Davis  
 Chemical Review Manager 52  
 Special Review and Reregistration Division (7508W)

From: Anthony F. Maciorowski, Chief  
 Ecological Effects Branch/EFED (7507C)

Attached, please find the EEB review of...

Reg./File # : 072501-010324  
 Chemical Name : Silver  
 Type Product : Microbiocide  
 Product Name : Silver  
 Company Name : Mason Chemical Company  
 Purpose : Submission of acute avian toxicity data in  
 support of reregistration of Case No. 4082.

Action Code : 627 Date Due : 11/30/94  
 Scientist : C. Laird Date In : 08/02/94

EEB Guideline/MRID Summary Table: The review in this package contains an evaluation of the following:

GDLN NO	MRID NO	CAT	GDLN NO	MRID NO	CAT	GDLN NO	MRID NO	CAT
71-1 (A)	433129-01	Y	72-2 (A)			72-7 (A)		
71-1 (B)			72-2 (B)			72-7 (B)		
71-2 (A)			72-3 (A)			122-1 (A)		
71-2 (B)	433129-02	Y	72-3 (B)			122-1 (B)		
71-3			72-3 (C)			122-2		
71-4 (A)			72-3 (D)			123-1 (A)		
71-4 (B)			72-3 (E)			123-1 (B)		
71-5 (A)			72-3 (F)			123-2		
71-5 (B)			72-4 (A)			124-1		
72-1 (A)			72-4 (B)			124-2		
72-1 (B)			72-5			141-1		
72-1 (C)			72-6			141-2		
72-1 (D)						141-5		

Y=Acceptable (Study satisfied Guideline)/Concur

P=Partial (Study partially fulfilled Guideline but additional information is needed)

S=Supplemental (Study provided useful information but Guideline was not satisfied)

N=Unacceptable (Study was rejected)/Nonconcur



2030509

DP BARCODE: D206068

REREG CASE # 4082

CASE: 812419  
SUBMISSION: S471038

DATA PACKAGE RECORD  
BEAN SHEET

DATE: 08/15/94  
Page 1 of 1

\* \* \* CASE/SUBMISSION INFORMATION \* \* \*

CASE TYPE: REREGISTRATION ACTION: 627 CORE DATA  
CHEMICALS: 072501 Silver

100.00 %

ID#: 072501-010324

COMPANY: 010324 MASON CHEMICAL CO

PRODUCT MANAGER: 52 KATHRYN DAVIS

703-308-8156 ROOM: CS1 3F3

PM TEAM REVIEWER: KATHLEEN DEPUKAT

703-308-8587 ROOM: CS1 4F6

RECEIVED DATE: 07/22/94 DUE OUT DATE: 11/19/94

\* \* \* DATA PACKAGE INFORMATION \* \* \*

DP BARCODE: 206068 EXPEDITE: N DATE SENT: 08/02/94 DATE RET.: / /  
CHEMICAL: 072501 Silver

DP TYPE: 999 Miscellaneous Data Package

CSF: N

LABEL: N

ASSIGNED TO	DATE IN	DATE OUT	ADMIN DUE DATE: 11/30/94
DIV : EFED	08/02/94	/ /	NEGOT DATE: / /
BRAN: EEB	08/02/94	/ /	PROJ DATE: / /
SECT: RS2	08/02/94	/ /	
REVR : CLAIRD	08/02/94	/ /	
CONTR:	/ /	/ /	

\* \* \* DATA REVIEW INSTRUCTIONS \* \* \*

Please review the following studies:

GDLN	MRID	Description
71-1(a)	43312901	Acute Avian Oral Bobwhite Quail
71-2(b)	43312902	Acute Avian Dietary Mallard Duck

If you have any questions, please contact me at 308-8587.  
Thanks for your help in this matter.

\* \* \* DATA PACKAGE EVALUATION \* \* \*

No evaluation is written for this data package

\* \* \* ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION \* \* \*

DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL
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DP BARCODE: D206068

REREG CASE # 4082

CASE: 812419  
SUBMISSION: S471038

DATA PACKAGE RECORD  
BEAN SHEET

DATE: 08/02/94  
Page 1 of 1

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CHEMICALS: 072501 Silver

100.00 %

ID#: 072501-010324

COMPANY: 010324 MASON CHEMICAL CO

PRODUCT MANAGER: 52 KATHRYN DAVIS

703-308-8156 ROOM: CS1 3F3

PM TEAM REVIEWER: KATHLEEN DEPUKAT

703-308-8587 ROOM: CS1 4F6

RECEIVED DATE: 07/22/94 DUE OUT DATE: 11/19/94

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DP TYPE: 999 Miscellaneous Data Package

CSF: N

LABEL: N

ASSIGNED TO

DATE IN

DATE OUT

ADMIN DUE DATE: 11/30/94

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DP BC	BRANCH/SECTION	DATE OUT	DUE BACK	INS	CSF	LABEL
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100.0 Pesticide Name: Algaesil

100.3 Submission Purpose:

Submission of two avian studies in support of reregistration.

101.0 Chemical and Physical Properties:

101.1 Common Name: Algaesil

103.0 Toxicological Properties:

Eight-Day Dietary  $LC_{50}$  for Mallard ducklings and

Acute Oral  $LD_{50}$  for Bobwhite Quail.

105.0 Conclusions:

A. Bobwhite Quail ( $LD_{50}$ , MRID No. 433129-01)

This study indicates Algaesil is practically nontoxic to bobwhite quail with an  $LD_{50}$  greater than 2250 mg/kg. This study does fulfill the guideline requirements for an avian acute oral  $LD_{50}$  study for a formulated product.

B. Mallard Duck ( $LC_{50}$ , MRID No. 433129-02)

This study indicates Algaesil is practically nontoxic to mallard ducks with an  $LC_{50}$  greater than 5620 ppm. This study does fulfill the guideline requirements in support of reregistration for a formulated product.

The above two studies fulfill the avian toxicity data requirements for the silver RED. Further, no avian labeling statements are required based on these data.

*Curtis E. Laird 5-3-95*  
Curtis E. Laird, Fishery Biologist  
Ecological Effects Branch  
Environmental Fate and Effects Division (7507C)

*Norman J. Cook 05-03-95*  
Norman J. Cook, Head Section 2  
Ecological Effects Branch  
Environmental Fate and Effects Division (7507C)

*Anthony F. Maciorowski 5/4/95*  
Anthony F. Maciorowski, Chief  
Ecological Effects Branch  
Environmental Fate and Effect Division (7507C)