

9/8/82

TOMS

DATA EVALUATION RECORD

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CASE GS 0092

PM 110 5/3/82

CHEM 034401 NotedBRANCH EEB DISC FORMULATION "Dibrom"FICHE/MASTER ID B-5092010CITATION: De Witt, J.B. 1965, Letter of Nov. 4 to B.S. Hensill,
Chevron Chem. Company

SUBST. CLASS=

OTHER SUBJECT DESCRIPTORS
PRIM:

DIRECT REVIEW TIME=

(MH) START DATE

END DATE

REVIEWED BY: Kyle Balcomb
TITLE: Wildlife Biologist
ORG: W20/EEB
LOC./TEL: CM2-1121 / 557-1121SIGNATURE: [Signature]DATE: 5/8/82

APPROVED BY:

TITLE:

ORG:

LOC/TEL:

SIGNATURE:

DATE:

See attached review by Balcomb 4/14/78

I BEST AVAILABLE COPY

034401

VALIDATION SHEET

CRF#

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FORMULATION:

% a.i. SC# CHEMICAL NAME
? Dibrom

IA	IB	T	FW	EC	R		
Validator:					Date:		
Richard Balcomb					4/18/78		
Test Type:							
Avian Toxicity							
Test ID.# ES-GG							

CITATION: The submitted data was contained in a letter from James B. Dewi of the U. S. Fish and Wildlife, Department of the Interior to Mr. G. S. Hensill of Chevron Chemical Company. November 4, 1965.

VALIDATION CATEGORY: ~~Supplemental~~

RESULTS: Attached

VALIDATION CATEGORY RATIONALE: Only a summary of results is presented. The testing procedures appear to be significantly different than either EPA's 8-Day subacute or chronic avian toxicity protocols and thus the submitted test cannot be used to support registration.

REPAIRABILITY: The registrant may be able to salvage this study by obtaining the original data and reworking it in the form of the standard avian 8-day dietary study. A valid LC₅₀ resulting from observations over 8 days would be required.

This study is invalid because the formulation (a.i.) is unknown and it is not known whether the concentrations represent a.i. or formulation.

K. Barker

Species	Age	No. Birds	ppm in diet	DIBROM		Mortality %	Time of % Mortality			mg/kg/ eaten
				Duration of test-days			30%	50%	100%	
Bobwhite	Young	25	2500	5		100	3	3	5	400
		25	1000	29		84	7	8	-	285
		25	500	29		88	24	26	-	91
		25	250	9		84	8	9	-	71
		25	100	113		20	-	-	-	11
	Adult	10	5000	6		100	3	4	6	69
		10	2500	9		100	6	7	9	35
		10	1250	36		100	10	10	36	42
		20	100	119		5	-	-	-	9
Redwinged Blackbirds-	Adult	11	1000	19		100	3	9	19	140
		11	500	29		100	9	13	29	106
		11	250	30		72.7	6	10	-	21
	Adult	12	1000	8		100	3	5	8	176
		72	500	11		100	3	9	11	105
		10	250	16		100	7	8	16	65
Crackles	Adult	12	500	15		100	8	10	15	65
		10	250	30		70	7	7	-	77
Starlings	Adult	12	1000	19		100	4	5	19	90
		10	500	7		100	3	3	7	50
		10	250	30		90	5	10	-	61
Mallards	Young	27	5000	13		66.7	6	9	-	750
		20	2500	81		50	65	77	-	206
	Adult	10	5000	55		80	27	29	-	155
Pheasants	Adult	16	5000	49		100	10	14	49	97
		15	2500	43		100	20	24	43	58
		15	1000	57		100	45	46	57	50
	Young	28	5000	27		89	3	4	-	540