

US EPA ARCHIVE DOCUMENT

5-5-87
7

DATA EVALUATION RECORD

CASE: 238

DIAZINON

CONT-CAT: 02

GUIDELINES: 71-1

MRID: 20560

Schafer, E.W. (1972) The Acute Oral Toxicity of 369 Pesticidal, Pharmaceutical and other Chemicals to Wild Birds. Toxicology and Applied Pharmacology 21 (?):315-330. (Also In Unpublished Submission Received April 25, 1978 under 476-2180; Submitted By Stauffer Chemical Co., Richmond, Calif.; CDL:233577-C).

REVIEW RESULTS:

VALID INVALID ✓ INCOMPLETE

GUIDELINE: SATISFIED PARTIALLY SATISFIED NOT SATISFIED ✓

DIRECT RVW TIME = 10 Minutes START DATE: 06/13/86 END DATE: 06/13/86

REVIEWED BY: *MR* Margaret Rostker
TITLE: Wildlife Biologist
ORG: EEB/HED
LOC/TEL: 557-7600
SIGNATURE: *H.T. Craven*

5/5/87
DATE: 06/13/86

APPROVED BY: Harry Craven
TITLE: Supervisory Biologist
ORG: EEB/HED
LOC/TEL: 557-1741
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DATE: *5/5/87*

Summary paper but acceptable for use in a hazard assessment.

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114.	Phosphoric acid, dimethyl ester with 3-hydro- <i>N</i> -methyl crotonimide (E-) (Azodrin)	3.3 ^c	1.9-6.0	1.0	0.56-1.8		23
115.	Phosphoric acid, dimethyl ester with <i>cis</i> -3-hydroxy- <i>N,N</i> -dimethyl crotonamide (Bidrin)	2.7 ^c	0.85-8.5	1.6 ^c	0.5-5.0		22
116.	Phosphoric acid, dimethyl ester with <i>N</i> -hydroxynaphthalimide (Bay 9002)	>100	—	2.4	1.3-4.2		70-75
117.	Phosphoric acid, dimethyl-, methyl thiophenyl ester (GC 6506)	0.56	—	0.56	—		7
118.	Phosphoric acid, dimethyl-, 2,4,5-trichlorophenyl ester (Dowco 101)	>100	—	18	10-32		—
119.	Phosphorodiamidic acid, <i>N,N</i> -dimethyl phenyl ester (Dowco 169)	75	—	13	5.6-32		—
120.	Phosphorodithioic acid, <i>S</i> -{[<i>p</i> -chlorophenyl]thio]methyl} <i>O,O</i> -diethyl ester (Carbophenothion)	5.6	3.2-10	7.5	—		24
121.	Phosphorodithioic acid, <i>S</i> -{[<i>p</i> -chlorophenyl]thio]methyl} <i>O,O</i> -dimethyl ester (Methyl trithion)	> 78	—	18	5.6-56		200
122.	Phosphorodithioic acid, <i>O,O</i> -diethyl <i>S</i> -[2-(ethylthio)ethyl] ester (Disulfoton)	>32	—	3.2	1.8-5.6		10
123.	Phosphorodithioic acid, <i>O,O</i> -diethyl <i>S</i> -[ethylthio]methyl] ester (Phorate)	7.5	—	1.0	0.56-1.8		3.7
124.	Phosphorodithioic acid, <i>O,O</i> -diethyl <i>S</i> -9-thiabicyclo[3.3.1]non-6-en-2-yl ester (HRS 1635)	>100	—	7.5	—		140
125.	Phosphorodithioic acid, <i>O,O</i> -dimethyl ester, <i>S</i> ester with <i>N</i> -methyl acetamide (Dimethoate)	32	25-41	6.6	3.6-12		250
126.	Phosphorodithioic acid, <i>O,O</i> -dimethyl-, <i>S</i> -ester with 3-(mercapto-methyl)-1,2,3-benzotriazin-4(3 <i>H</i>)-one (Guthion)	27	15-48	8.5	—		13
127.	Phosphorodithioic acid, <i>O,O</i> -dimethyl-, <i>S</i> -ester with <i>N</i> -(mercapto-methyl)phthalimide (Imidan)	>100	—	18	10-32		216
128.	Phosphorodithioic acid, <i>O,O,O',O'</i> -tetraethyl-, <i>S,S'</i> -methylene ester (Elhion)	>304	—	45	—		96
129.	Phosphorothioic acid, <i>O</i> -2,4-dichlorophenyl <i>O,O</i> -diethyl ester (VC 13)	80	25-250	14	—		270
130.	Phosphorothioic acid, <i>O,O</i> -diethyl <i>O</i> -[2-(ethylthio)ethyl]ester mixture with <i>O,O</i> -diethyl <i>S</i> -[2-(ethylthio)ethyl] ester (Demeton)	27 ^b	—	—	—		1.7-7.5
131.	Phosphorothioic acid, <i>O,O</i> -diethyl <i>O</i> -[2-isopropyl-6-methyl-4-pyrimidinyl] ester (Diazinon)	110	60-200	2.0	—		150-220
132.	Phosphorothioic acid, <i>O,O</i> -diethyl <i>O</i> -[<i>p</i> -(methylsulfonyl)phenyl] ester (Bay 25141)	0.56	0.32-1.0	0.24	—		5