

2-25-85

Shaughnessey No. 128701 Chemical Name HOE-33141 Chemical Class _____ Page 1 of 5

Study/Species/Lab/ Accession # 071796 Chemical & a.i. 14-Day Single Dose Oral LD50 Results _____ Reviewer/ Date _____ Validation Status _____

Species: Bobwhite quail 96.6% LD50 >2510 mg/kg (95% C.L.) Contr. Mort. (%) = 0
Lab.: Wildlife Slope = _____ # Animals/Level = 5M Age (Days) = 8mo
Acc. #: International 071796 2510 (0) 1,590 (0) 1,000 (0) 1,631 (0) 1,398 (0) Sex = M+F
Natella 10-6-83 Core

Comments: _____
14-Day Single Dose Oral LD50, _____ 95% C.L. _____ Contr. Mort. (%) = 0
Species: Mallard LD50 >2510 mg/kg (_____)
Lab.: Wildlife Slope = 96.6% # Animals/Level = 5M Age (Days) = 8mo
Acc. #: International 071796 2510 (0) 1,590 (0) 1,000 (0) 1,631 (0) 1,398 (0) Sex = M+F
Natella 10-6-83 Invalid

Comments: Regurgitation at all dosage levels
8-Day Dietary LC50, _____ 95% C.L. _____ Contr. Mort. (%) = 0
Species: Mallard LC50 >5620 ppm (_____)
Lab.: Wildlife Slope = 96.6% # Animals/Level = 10 Age (Days) = 14d
Acc. #: International 071796 5620 (0) 1,3160 (0) 1,780 (0) 1,000 (0) 1,562 (0) Sex = _____
Natella 10-6-83 Core

Comments: _____
8-Day Dietary LC50, _____ 95% C.L. _____ Contr. Mort. (%) = 0
Species: Bobwhite quail 96.6% LC50 >5620 ppm (_____)
Lab.: Wildlife Slope = _____ # Animals/Level = 10 Age (Days) = 14d
Acc. #: International 071796 5620 (0) 1,3160 (10) 1,780 (0) 1,000 (0) 1,562 (0) Sex = _____
Natella 10-6-83 Core

Comments: _____

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Chemical Name HOE-33171

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Study/Species/Lab/
Accession # Chemical
% a.i

14-Day Single Dose Oral LD50,

Species: Japanese
quail (Male) Tech
Lab.: Pharma
Acc. #: (Hoechst)

071796

14-Day Single Dose Oral LD50,

Species: Japanese
quail (Female) Tech
Lab.: Pharma (Hoechst)
Acc. #: 071796

Reviewer/
Date

Results

LD50 >5000 mg/kg (95% C.L.) Contr. Mort. (%) = -

Slope = 5000 (0) # Animals/Level = 10 Age (Days) = ?
Sex = M

Natella Supplm.
10-11-89

Comments:

LD50 >5000 mg/kg (95% C.L.) Contr. Mort. (%) = -

Slope = 5000 (10) # Animals/Level = 10 Age (Days) = ?
Sex = F

Natella Supplm.
10-11-89

Comments:

8-Day Dietary LC50,

Species

Lab.;

Acc. #

LC50 = ppm (95% C.L.) Contr. Mort. (%) =

Slope = 8-Day Dose Level ppm/(%Mortality) Age (Days) =
Sex =

Comments:

8-Day Dietary LC50,

Species;

Lab;

Acc. #

LC50 = ppm (95% C.L.) Contr. Mort. (%) =

Slope = 8-Day Dose Level ppm/(%Mortality) Age (Days) =
Sex =

Comments:

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Study/Species/Lab/ Accession #	Chemical # a.i	Results	Reviewer/ Date	Validation Status
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14-Day Single Dose Oral LD50,		LD50 = mg/kg (<u>95% C.L.</u>) Contr. Mort.(%)=		
Species: <u>Brown trout</u> <u>9678</u>		Slope= # Animals/Level= Age(Days)=		
Lab.: <u>Hoechst</u>		Sex =		
Acc. #: <u>071796</u>		14-Day Dose Level mg/kg/(% Mortality)		
		(), (), (), (), ()		
Comments:				

14-Day Single Dose Oral LD50,		LD50 = mg/kg (<u>95% C.L.</u>) Contr. Mort.(%)=		
Species:		Slope= # Animals/Level= Age(Days)=		
Lab.:		Sex =		
Acc. #:		14-Day Dose Level mg/kg/(% Mortality)		
		(), (), (), (), ()		
Comments:				

8-Day Dietary LC50,		LC50 = ppm (<u>95% C.L.</u>) Contr. Mort.(%)=		
Species:		Slope= # Animals/Level= Age(Days)=		
Lab.:		Sex =		
Acc. #:		8-Day Dose Level ppm/(% Mortality)		
		(), (), (), (), ()		
Comments:				

8-Day Dietary LC50,		LC50 = ppm (<u>95% C.L.</u>) Contr. Mort.(%)=		
Species:		Slope= # Animals/Level= Age(Days)=		
Lab.:		Sex =		
Acc. #:		8-Day Dose Level ppm/(% Mortality)		
		(), (), (), (), ()		
Comments:				

96-hour LC50,		LC50 = <u>0.48 ppm</u> (<u>0.45-0.52</u>) Contr. Mort.(%)= <u>0</u>		
Species: <u>Brown trout</u> <u>9678</u>		Slope= # Animals/Level= <u>10</u> Sol. Contr. Mort.(%)= <u>0</u>		
Lab: <u>Hoechst</u>		Temperature = <u>12°C Natella Core</u>		
Acc. #: <u>071796</u>		96-Hour Dose Level pp/(% Mortality)		
		<u>0.37 (0), 0.42 (40), 0.49 (60), 0.56 (60), 0.65 (100)</u>		<u>10-13-83</u>
Comments:				

96-hour LC50,		LC50 = <u>0.31 ppm</u> (<u>0.26-0.35</u>) Con. Mor.(%)= <u>0</u>		
Species: <u>Bluegill</u> <u>95.870</u>		Slope= # Animals/Level= <u>10</u> Sol. Con. Mor.(%)= <u>0</u>		
Lab.: <u>Hoechst</u>		Temp.= <u>22°C Natella Core</u>		
Acc. #: <u>071796</u>		96-Hour Dose Level pp/(% Mortality)		
		<u>0.75 (100), 0.56 (90), 0.42 (90), 0.32 (70), 0.24 (20), 0.18 (0)</u>		<u>10-13-83</u>
Comments:				

48-hour Invertebrate,		LC50 = <u>3.18 ppm</u> (<u>1.74-7.36</u>) Con. Mort.(%)= <u>0</u>		
Species: <u>Daphnia magna</u> <u>9678</u>		Slope= # Animals/Level= <u>10</u> Sol. Con. Mort.(%)= <u>0</u>		
Lab.: <u>Hoechst</u>		Temp.= <u>20°C Natella Core</u>		
Acc. #: <u>071796</u>		96-Hour Dose Level pp/(% Mortality)		
		<u>10 (90), 5.6 (50), 3.2 (40), 1.8 (40), 1.0 (30)</u>		<u>10-13-83</u>
Comments: <u>0.56 (30), 0.32 (0)</u>				

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Study/Species/Lab/ Accession #	Chemical # a.i	Results	Reviewer/ Date	Validation Status
4-Day Single Dose Oral LD50,		LD50 = mg/kg (<u>95% C.L.</u>) Contr. Mort.(%)=		
Species;		Slope= # Animals/Level= Age(Days)=		
AD;		Sex =		
CC. #;		14-Day Dose Level mg/kg/(% Mortality) (), (), (), (), ()		

Comments:

4-Day Single Dose Oral LD50,		LD50 = mg/kg (<u>95% C.L.</u>) Contr. Mort.(%)=		
Species;		Slope= # Animals/Level= Age(Days)=		
AD;		Sex =		
CC. #;		14-Day Dose Level mg/kg/(% Mortality) (), (), (), (), ()		

Comments:

8-Day Dietary LC50,		LC50 = ppm (<u>95% C.L.</u>) Contr. Mort.(%)=		
Species;		Slope= # Animals/Level= Age(Days)=		
AD;		Sex =		
CC. #;		8-Day Dose Level ppm/(% Mortality) (), (), (), (), ()		

Comments:

8-Day Dietary LC50,		LC50 = ppm (<u>95% C.L.</u>) Contr. Mort.(%)=		
Species;		Slope= # Animals/Level= Age(Days)=		
AD;		Sex =		
CC. #;		8-Day Dose Level ppm/(% Mortality) (), (), (), (), ()		

Comments:

96-hour LC50,		LC50 = <u>0.36 ppm</u> (<u>0.32-0.41</u>) Contr. Mort.(%)= 0		
Species; <u>Pumpkinseed 96%</u>		Slope= # Animals/Level= 10 Sol. Contr. Mort.(%)= 0		
AD; <u>Sunfish</u>		Temperature = <u>22°C</u> <u>Natella Core</u>		
CC. #; <u>Hoechst</u>		96-Hour Dose Level pp /(% Mortality) <u>0.56</u> (100), <u>0.42</u> (80), <u>0.32</u> (10), <u>0.24</u> (10), <u>0.18</u> (0)		<u>10-13-83</u>
<u>071796</u>		Comments:		

96-hour LC50,		LC50 = <u>> 0.8</u> (<u>95% C.L.</u>) Contr. Mor(%)= -		
Species; <u>Golden Orfe</u>		Slope= - # Animals/Level= 10 Sol. Con. Mor.(%)= -		
AD; <u>Hoechst</u>		Temp. = <u>22°C</u> <u>Natella Invalid</u>		
CC. #; <u>071796</u>		96-Hour Dose Level pp /(% Mortality) <u>0.8</u> (0), - (), - (), - (), - ()		<u>10-13-83</u>
		Comments: <u>Aeration</u>		

96-hour Invertebrate,		LC50 = <u>11.15 ppm</u> (<u>9.38-13.36</u>) Contr. Mort.(%)= 0		
Species; <u>Daphnia magna</u>		Slope= # Animals/Level= 10 Sol. Con. Mort.(%)= -		
AD; <u>Hoechst</u>		Temp. = <u>19°C</u> <u>Natella Core</u>		
CC. #; <u>071796</u>		96-Hour Dose Level pp /(% Mortality) <u>24</u> (100), <u>18</u> (80), <u>13.5</u> (70), <u>10</u> (20), <u>7.5</u> (20)		<u>10-13-83</u> formulation
		Comments: <u>5.6</u> (20), <u>4.2</u> (0)		

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Session # 2.i Results Reviewer/ Validation
Date Status

4-Day Single Dose Oral LD50, 95% C.L.
LD50 = mg/kg () Contr. Mort.(%)=
Species; Slope= # Animals/Level= Age(Days)=
Lab.; Sex =
14-Day Dose Level mg/kg/(% Mortality)
(), (), (), (), ()
Comments:

4-Day Single Dose Oral LD50, 95% C.L.
LD50 = mg/kg () Contr. Mort.(%)=
Species; Slope= # Animals/Level= Age(Days)=
Lab.; Sex =
14-Day Dose Level mg/kg/(% Mortality)
(), (), (), (), ()
Comments:

8-Day Dietary LC50, 95% C.L.
LC50 = ppm () Contr. Mort.(%)=
Species; Slope= # Animals/Level= Age(Days)=
Lab.; Sex =
8-Day Dose Level ppm/(% Mortality)
(), (), (), (), ()
Comments:

8-Day Dietary LC50, 95% C.L.
LC50 = ppm () Contr. Mort.(%)=
Species; Slope= # Animals/Level= Age(Days)=
Lab.; Sex =
8-Day Dose Level ppm/(% Mortality)
(), (), (), (), ()
Comments:

96-hour LC50, 95% C.L.
LC50 = 3.38 ppm (3.12-3.66) Contr. Mort.(%)= 0
Species; Rainbow trout Slope= # Animals/Level= 10 Sol. Contr. Mort.(%)= -
Lab.; Hoechst Temperature = 12°C Natella Corel
ACC. #: 071796 12.5% EC 96-Hour Dose Level pp/(% Mortality) 10-13-83 formulation
4.9 (100), 4.2 (80), 3.7 (80), 3.2 (30), 2.8 (10)
Comments: 2.4 (10), 2.1 (0)

96-hour LC50, 95% C.L.
LC50 = 3.34 ppm (3.08-3.71) Con. Mor(%)= 0
Species; Pumpkinseed Slope= # Animals/Level= 10 Sol. Con. Mor.(%)= -
Lab.; Sunfish Temp.= 22°C Natella Corel
ACC. #: 071796 12.5% EC 96-Hour Dose Level pp/(% Mortality) 10-13-83 formulation
4.2 (100), 3.2 (20), 2.8 (10), 2.4 (10), 2.1 (0)

96-hour LC50, 95% C.L.
LC50 = 7.12 ppm (6.51-7.82) Con. Mort.(%)= 0
Species; Fathead minnow Slope= # Animals/Level= 10 Sol. Con. Mort.(%)= -
Lab.; Hoechst Temp.= 22°C Natella Corel
ACC. #: 071796 12.5% EC 96-Hour Dose Level pp/(% Mortality) 10-13-83 formulation
10.0 (100), 8.7 (80), 7.5 (30), 6.5 (40), 5.6 (20)
Comments: 4.9 (0), 4.2 (10), 3.7 (0)

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Accession # _____ Chemical
% a.i. _____ Results _____ Reviewer/
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Status _____

4-Day Single Dose Oral LD50,

LD50 = mg/kg (95% C.L.) Contr. Mort.(%)=

Species;

Slope= # Animals/Level= Age(Days)=

Lab.;

Sex =

Acc. #;

14-Day Dose Level mg/kg/(% Mortality)
() , () , () , () , ()

Comments:

4-Day Single Dose Oral LD50,

LD50 = mg/kg (95% C.L.) Contr. Mort.(%)=

Species;

Slope= # Animals/Level= Age(Days)=

Lab.;

Sex =

Acc. #;

14-Day Dose Level mg/kg/(% Mortality)
() , () , () , () , ()

Comments:

8-Day Dietary LC50,

LC50 = ppm (95% C.L.) Contr. Mort.(%)=

Species;

Slope= # Animals/Level= Age(Days)=

Lab.;

Sex =

Acc. #

8-Day Dose Level ppm/(% Mortality)
() , () , () , () , ()

Comments:

8-Day Dietary LC50,

LC50 = ppm (95% C.L.) Contr. Mort.(%)=

Species;

Slope= # Animals/Level= Age(Days)=

Lab.;

Sex =

Acc. #

8-Day Dose Level ppm/(% Mortality)
() , () , () , () , ()

Comments:

96-hour LC50,

LC50 = 1.1 ppm (95% C.L.) Contr. Mort.(%)= 10

Species; Crayfish

Slope= 2.88 # Animals/Level= 10

Sol. Contr. Mort.(%)= 0

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Lab; ABC Labs

Temperature = 22° Natella Supple

Acc. #: 255859

96-Hour Dose Level ppm/(% Mortality)
5.6 (100), 3.2 (80), 1.8 (90), 1.0 (50), .56 (10), .32 (10)

Comments: Not a recommended species

96-hour LC50,

LC50 = 3.1 ppm (95% C.L.) Con. Mor(%)= 10

Species; Crayfish

Slope= 1.21 # Animals/Level= 10

Sol. Con. Mor.(%)= 0

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Lab.; ABC Labs

Temp. = 22°

Natella Invalid

Acc. #: 255859

96-Hour Dose Level ppm/(% Mortality)
10 (90), 5.6 (30), 3.2 (20), 1.8 (100), 1.0 (0)

Comments: Repair to Supple. when 90 a.i. is provided

48-hour Invertebrate,

LC50 = ppm (95% C.L.) Con. Mort.(%)=

Species;

Slope= # Animals/Level=

Sol. Con. Mort.(%)=

Lab.;

Temp.=

Acc. #;

96-Hour Dose Level ppm/(% Mortality)
() , () , () , () , ()

Comments: