

UNDATED

Shaughnessey No. 128701

Chemical Name HOE-3311

Chemical Class

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Study/Species/Lab/
Accession # 071796

14-Day Single Dose Oral LD50,

Species: Bobwhite quail

Lab.: Wildlife

Acc. #: International

071796

Chemical
% a.i.

LD50

LD50 >2510 mg/kg

95% C.L.

Results

Contr. Mort. (%) = 0

Slope =

Animals/Level = 5M

Age (Days) = 8mo

Sex = M+F

Natella

10-6-83

Core

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

2510 (0) 1,1590 (0) 1,1000 (0) 1,631 (0) 1,398 (0)

Comments:

14-Day Single Dose Oral LD50,

Species: Mallard

Lab.: Wildlife

Acc. #: International

071796

LD50 >2510 mg/kg

95% C.L.

Contr. Mort. (%) = 0

Slope =

Animals/Level = 5M

Age (Days) = 8mo

Sex = M+F

Natella

10-6-83

Invalid

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

2510 (0) 1,1590 (0) 1,1000 (0) 1,631 (0) 1,398 (0)

Comments: Regurgitation at all dosage levels

8-Day Dietary LC50,

Species: Mallard

Lab.: Wildlife

Acc. #: International

071796

LC50 >5620 ppm

95% C.L.

Contr. Mort. (%) = 0

Slope =

Animals/Level = 10

Age (Days) = 14d

Sex =

Natella

10-6-83

Core

8-Day Dose Level ppm/(% Mortality)

5620 (0) 1,3160 (0) 1,1780 (0) 1,1000 (0) 1,562 (0)

Comments:

8-Day Dietary LC50,

Species: Bobwhite quail

Lab.: Wildlife

Acc. #: International

071796

LC50 >5620 ppm

95% C.L.

Contr. Mort. (%) = 0

Slope =

Animals/Level = 10

Age (Days) = 14d

Sex =

Natella

10-6-83

Core

8-Day Dose Level ppm/(% Mortality)

5620 (0) 1,3160 (10) 1,1780 (0) 1,1000 (0) 1,562 (0)

Comments:

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Chemical Name H0E-33171

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

14-Day Single Dose Oral LD50,

Species: Japanese

Lab.: Pharma

Acc. #: (Hoechst)

071796

quail (Male)

Tech

Reviewer/
Date

Validation
Status

Results

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

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

14-Day Dose Level mg/kg/(% Mortality)
5000 (0), (), (), (), ()

Comments:

14-Day Single Dose Oral LD50,

Species: Japanese

Lab.: Pharma

Acc. #: (Hoechst)

071796

quail (Female)

Tech

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

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

14-Day Dose Level mg/kg/(% Mortality)
5000 (10), 3,150 (10), 1,600 (0), (), ()

Comments:

8-Day Dietary LC50,

Species

Lab.;

Acc. #

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

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

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

Comments:

8-Day Dietary LC50,

Species;

Lab.;

Acc. #

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

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

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

Comments:

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Accession # _____ Chemical
a.i. _____

14-Day Single Dose Oral LD50,

Results	Reviewer/ Date	Validation Status
LD50 = mg/kg (<u>95% C.L.</u>) Contr. Mort.(%)=		
Slope= # Animals/Level= Age(Days)= Sex =		
14-Day Dose Level mg/kg/(% Mortality) (), (), (), (), ()		

Species: Brown trout 96%Lab.: HoechstAcc. #: 071796

Comments:

14-Day Single Dose Oral LD50,

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

Species:

Lab.:

Acc. #:

Comments:

3-Day Dietary LC50,

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

Species:

Lab.:

Acc. #:

Comments:

3-Day Dietary LC50,

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

Species:

Lab.:

Acc. #:

Comments:

96-hour LC50,

LC50 = <u>0.48 ppm</u> (<u>0.45-0.52</u>) Contr. Mort.(%)= <u>0</u>		
Slope= # Animals/Level= <u>10</u> Sol. Contr. Mort.(%)= <u>0</u>		
96-Hour Dose Level pp/(% Mortality) <u>0.37</u> (0) <u>0.42</u> (40) <u>0.49</u> (60) <u>0.56</u> (60) <u>0.65</u> (100) <u>10-13-83</u>		

Temperature = 12° Natella Core

Species: Brown trout 96%Lab: HoechstAcc. #: 071796

Comments:

96-hour LC50,

LC50 = <u>0.31 ppm</u> (<u>0.26-0.35</u>) Con. Mor(%)= <u>0</u>		
Slope= # Animals/Level= <u>10</u> Sol. Con. Mor.(%)= <u>0</u>		
96-Hour Dose Level pp/(% Mortality) <u>0.75</u> (100) <u>0.56</u> (90) <u>0.42</u> (90) <u>0.32</u> (70) <u>0.24</u> (20) <u>0.18</u> (0)		

Temp. = 22° Natella Core

Species: Bluegill 95.8%Lab.: HoechstAcc. #: 071796

Comments:

48-hour Invertebrate,

LC50 = <u>3.18 ppm</u> (<u>1.79-7.36</u>) Con. Mort.(%)= <u>0</u>		
Slope= # Animals/Level= <u>10</u> Sol. Con. Mort.(%)= <u>0</u>		
96-Hour Dose Level pp/(% Mortality) <u>10</u> (90) <u>5.6</u> (50) <u>3.2</u> (40) <u>1.8</u> (40) <u>1.0</u> (30)		

Temp. = 20° Natella Core

Species: Daphnia magna 96%Lab.: HoechstAcc. #: 071796

Comments:

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Chemical Name HOE-33171 Chemical Class _____

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Study/Species/Lab/ Accession #	Chemical # a.i.	Results	Reviewer/ Date	Validation Status
4-Day Single Dose Oral LD ₅₀ ,		95% C.L.		
Species:		LD ₅₀ = mg/kg () Contr. Mort.(%)=		
ab.:		Slope= # Animals/Level= Age(Days)= Sex =		
cc. #:		14-Day Dose Level mg/kg/(% Mortality) (), (), (), (), ()		

Comments:

4-Day Single Dose Oral LD ₅₀ ,		95% C.L.		
Species:		LD ₅₀ = mg/kg () Contr. Mort.(%)=		
ab.:		Slope= # Animals/Level= Age(Days)= Sex =		
cc. #:		14-Day Dose Level mg/kg/(% Mortality) (), (), (), (), ()		

Comments:

8-Day Dietary LC ₅₀ ,		95% C.L.		
Species:		LC ₅₀ = ppm () Contr. Mort.(%)=		
ab.:		Slope= # Animals/Level= Age(Days)= Sex =		
cc. #:		8-Day Dose Level ppm/(% Mortality) (), (), (), (), ()		

Comments:

8-Day Dietary LC ₅₀ ,		95% C.L.		
Species:		LC ₅₀ = ppm () Contr. Mort.(%)=		
ab.:		Slope= # Animals/Level= Age(Days)= Sex =		
cc. #:		8-Day Dose Level ppm/(% Mortality) (), (), (), (), ()		

Comments:

6-hour LC ₅₀ ,		95% C.L.		
Species:		LC ₅₀ = 0.36 ppm (0.32-0.41) Contr. Mort.(%)= 0		
ab.:	Pumpkinseed 96% Sunfish Hoechst	Slope= # Animals/Level= 10 Sol. Contr. Mort.(%)= 0		
cc. #:	071796	96-Hour Dose Level pp/(% Mortality) 0.56 (100), 0.42 (80), 0.32 (10), 0.24 (10), 0.18 (0)	Temperature = 22°C	Natella Core 10-13-83

Comments:

6-hour LC ₅₀ ,		95% C.L.		
Species:		LC ₅₀ = 0.8 ppm () Con. Mor(%)= -		
ab.:	Golden Orfe Tech Hoechst	Slope= # Animals/Level= 10 Sol. Con. Mor.(%)= -		
cc. #:	071796	96-Hour Dose Level pp/(% Mortality) 0.8 (0), - (), - (), - (), - ()	Temp. = 22°C	Natella Invalid 10-13-83

Comments: Aeration

8-hour Invertebrate,		95% C.I.		
Species:		LC ₅₀ = 11.15 ppm (9.38-13.36) Con. Mort.(%)= 0		
ab.:	Daphnia magna Hoechst	Slope= # Animals/Level= 10 Sol. Con. Mort.(%)= -		
cc. #:	071796	96-Hour Dose Level pp/(% Mortality) 24 (100), 18 (80), 13.5 (70), 10 (20), 7.5 (20)	Temp. = 19°C	Natella Core/ 10-13-83 formulation

Comments: 5.6 (20), 4.2 (0)

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Study/Species/Lab/ Accession #	Chemical # a.i	Results	Reviewer/ Date	Validation Status
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:

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:

3-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:

3-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>3.38 ppm</u> (<u>95% C.L.</u>) Contr. Mort.(%)= 0		
Species; <u>Rainbow trout</u>		Slope= # Animals/Level= 10 Sol. Contr. Mort.(%)= -		
Lab; <u>Hoechst</u>	<u>12.5%</u>	Temperature = <u>12°C</u> <u>Natella Corel</u>		
Acc. #; <u>071796</u>	<u>EC</u>	96-Hour Dose Level pp /(%Mortality) <u>4.9 (100), 4.2 (80), 3.7 (80), 3.2 (30), 2.8 (10)</u> <u>10-13-83 formulation</u>		
		Comments: <u>2.4 (10), 2.1 (0)</u>		

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

<u>96-hour LC50</u> <u>48-hour Invertebrate,</u>		LC50 = <u>7.12 ppm</u> (<u>95% C.I.</u>) Con. Mort.(%)= 0		
Species; <u>Fathead minnow</u>		Slope= # Animals/Level= 10 Sol. Con. Mort.(%)= -		
Lab.; <u>Hoechst</u>	<u>12.5%</u>	Temp. = <u>22°C</u> <u>Natella Corel</u>		
Acc. #; <u>071796</u>	<u>EC</u>	96-Hour Dose Level pp /(%Mortality) <u>10.0 (100), 8.7 (80), 7.5 (30), 6.5 (40), 5.6 (20)</u> <u>10-13-83 formulation</u>		
		Comments: <u>4.9 (0), 4.2 (10), 3.7 (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)=		
Lab.;		Sex =		
Acc. #;		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)=		
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>1.1 ppm</u> (<u>95% C.L.</u>) Contr. Mort.(%)= <u>10</u>		
Species; <u>Crayfish</u>		Slope= <u>2.88</u> # Animals/Level= <u>10</u> Sol. Contr. Mort.(%)= <u>0</u>		
Lab.; <u>ABC Labs</u>	<u>46.5%</u>	Temperature = <u>22°</u> <u>Natella</u> <u>Supple</u>		
Acc. #; <u>255859</u>		96-Hour Dose Level ppm/(% Mortality)		
		<u>5.6 (100), 3.2 (80), 1.8 (40), 1.0 (50), .56 (10), .32 (10)</u>		
Comments: <u>Not a recommended species</u>				

96-hour LC50,		LC50 = <u>3.1 ppm</u> (<u>95% C.L.</u>) Contr. Mort.(%)= <u>10</u>		
Species; <u>Crayfish</u>	<u>?</u>	Slope= <u>1.21</u> # Animals/Level= <u>10</u> Sol. Contr. Mort.(%)= <u>0</u>		
Lab.; <u>ABC Labs</u>		Temp. = <u>22°</u> <u>Natella</u> <u>Invalid</u>		
Acc. #; <u>255859</u>		96-Hour Dose Level ppm/(% Mortality)		
		<u>10 (40), 5.6 (30), 3.2 (20), 1.8 (100), 1.0 (0)</u>		
Comments: <u>Repair to Supple. when 90 a.i. is provided</u>				

98-hour Invertebrate,		LC50 = ppm (<u>95% C.L.</u>) Contr. Mort.(%)=		
Species;		Slope= # Animals/Level= Age(Days)=		
Lab.;		Sex =		
Acc. #;		96-Hour Dose Level ppm/(% Mortality)		
		(), (), (), (), ()		
Comments:				