

1056
File: 21 Entry: 1

AQUIRE Accession Number 222737

(PAR) Parameter Type: ENV; AQ
 (CAS) CAS Registry Number: 540-73-8
 (NAM) Chemical Name: SYMMETRICAL DIMETHYLHYDRAZINE
 (TYP) Chemical Type: TEST
 (CHC) Chemical Characteristics: NR
 (PRP) Study Purpose: Other
 (REL) Study Reliability: 2
 (SPP) Species Identification: Xenopus laevis; Clawed toad;
 Pipidae; AM; AMPHIBIA; Amphibian
 (AGE) Age/Life Stage: STAGE 7, EMBRYO
 (RTE) Route/Method: RN - Renewal - LAB
 (REG) Exposure Regimen: 15 D
 (CNT) Controls: S *
 (GEN) General Test Conditions: FW; LAB
 (TMP) Temperature (Degrees C): (NR)
 (HDV) Hardness (mg/l CaCO3): (NR)
 (ALK) Alkalinity (mg/l CaCO3): (NR)
 (DO2) Dissolved O2: (NR)
 (PHV) pH: (NR)
 (EFE) Effect Endpoint Type: MOR *
 (EFC) Effect Concentration: 10000 (F)
 (UNT) Units: UG/L
 (MEA) Measured/Unmeasured: Unmeasured
 (REM) Remarks: (CNT) 6 % MORT, 7 % MALFORMATIONS.
 (EFE) OBSERVABLE TOXIC EFFECTS NS.
 (RNO) Reference Number: 217786
 (AUT) Authors: Greenhouse, G.
 (YRP) Year of Publication: 76
 (TLE) Title: Effects of Pollutants on Eggs, Embryos and Larvae of
 Amphibian Species
 (JRN) Journal/Source: University of California, Irvine, CA, Air Force
 Tech. Report AMRL-TR-76-31, U.S. NTIS AD-A025 403:24 p.
 (ADT) Add Date: 01-31-85

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10540-73-8
4-097
REF 3

File: 21 Entry: 2

AQUIRE Accession Number 222738

(PAR) Parameter Type: ENV; AQ
 (CAS) CAS Registry Number: 540-73-8
 (NAM) Chemical Name: SYMMETRICAL DIMETHYLHYDRAZINE
 (TYP) Chemical Type: TEST
 (CHC) Chemical Characteristics: NR
 (PRP) Study Purpose: Other
 (REL) Study Reliability: 2
 (SPP) Species Identification: Xenopus laevis; Clawed toad;
 Pipidae; AM; AMPHIBIA; Amphibian

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(AGE) Age/Life Stage: STAGE 7, EMBRYO
 (RTE) Route/Method: RN - Renewal - LAB
 (REG) Exposure Regimen: 15 D
 (CNT) Controls: S *
 (GEN) General Test Conditions: FW; LAB
 (TMP) Temperature (Degrees C): (NR)
 (HDV) Hardness (mg/l CaCO3): (NR)
 (ALK) Alkalinity (mg/l CaCO3): (NR)
 (DO2) Dissolved O2: (NR)
 (PHV) pH: (NR)
 (EFE) Effect Endpoint Type: MOR *
 (EFC) Effect Concentration: 100000 (F)
 (UNT) Units: UG/L
 (OED) Other Endpoint Data: 49 % TAIL MALFORMATIONS.
 (MEA) Measured/Unmeasured: Unmeasured
 (REM) Remarks: (CNT) 6 % MORT, 7 % MALFORMATIONS.
 (EFE) 48 % MORT.
 (RNO) Reference Number: 217786
 (AUT) Authors: Greenhouse,G.
 (YRP) Year of Publication: 76
 (TLE) Title: Effects of Pollutants on Eggs, Embryos and Larvae of
 Amphibian Species
 (JRN) Journal/Source: University of California, Irvine, CA, Air Force
 Tech. Report AMRL-TR-76-31, U.S. NTIS AD-A025 403:24 p.
 (ADT) Add Date: 01-31-85

File: 21 Entry: 3

AQUIRE Accession Number 222739

(PAR) Parameter Type: ENV; AQ
 (CAS) CAS Registry Number: 540-73-8
 (NAM) Chemical Name: SYMMETRICAL DIMETHYLHYDRAZINE
 (TYP) Chemical Type: TEST
 (CHC) Chemical Characteristics: NR
 (PRP) Study Purpose: Other
 (REL) Study Reliability: 2
 (SPP) Species Identification: Xenopus laevis; Clawed toad;
 Pipidae; AM; AMPHIBIA; Amphibian
 (AGE) Age/Life Stage: STAGE 35, LARVA
 (RTE) Route/Method: RN - Renewal - LAB
 (REG) Exposure Regimen: 15 D
 (CNT) Controls: S *
 (GEN) General Test Conditions: FW; LAB
 (TMP) Temperature (Degrees C): (NR)
 (HDV) Hardness (mg/l CaCO3): (NR)
 (ALK) Alkalinity (mg/l CaCO3): (NR)
 (DO2) Dissolved O2: (NR)
 (PHV) pH: (NR)
 (EFE) Effect Endpoint Type: MOR *
 (EFC) Effect Concentration: 10000 (F)

(UNT) Units: UG/L
 (MEA) Measured/Unmeasured: Unmeasured
 (REM) Remarks: (CNT) 6 % MORT, 0 % MALFORMATIONS.
 (EFE) NS OBSERVABLE TOXIC EFFECTS.
 (RNO) Reference Number: 217786
 (AUT) Authors: Greenhouse,G.
 (YRP) Year of Publication: 76
 (TLE) Title: Effects of Pollutants on Eggs, Embryos and Larvae of
 Amphibian Species
 (JRN) Journal/Source: University of California, Irvine, CA, Air Force
 Tech. Report AMRL-TR-76-31, U.S. NTIS AD-A025 403:24 p.
 (ADT) Add Date: 01-31-85

File: 21 Entry: 4

AQUIRE Accession Number 222740

(PAR) Parameter Type: ENV; AQ
 (CAS) CAS Registry Number: 540-73-8
 (NAM) Chemical Name: SYMMETRICAL DIMETHYLHYDRAZINE
 (TYP) Chemical Type: TEST
 (CHC) Chemical Characteristics: NR
 (PRP) Study Purpose: Other
 (REL) Study Reliability: 2
 (SPP) Species Identification: Xenopus laevis; Clawed toad;
 Pipidae; AM; AMPHIBIA; Amphibian
 (AGE) Age/Life Stage: STAGE 35, LARVA
 (RTE) Route/Method: RN - Renewal - LAB
 (REG) Exposure Regimen: 15 D
 (CNT) Controls: S *
 (GEN) General Test Conditions: FW; LAB
 (TMP) Temperature (Degrees C): (NR)
 (HDV) Hardness (mg/l CaCO3): (NR)
 (ALK) Alkalinity (mg/l CaCO3): (NR)
 (DO2) Dissolved O2: (NR)
 (PHV) pH: (NR)
 (EFE) Effect Endpoint Type: LET
 (EFC) Effect Concentration: 100000 (F)
 (UNT) Units: UG/L
 (MEA) Measured/Unmeasured: Unmeasured
 (REM) Remarks: (CNT) 6 % MORT, 0 % MALFORMATIONS.
 (RNO) Reference Number: 217786
 (AUT) Authors: Greenhouse,G.
 (YRP) Year of Publication: 76
 (TLE) Title: Effects of Pollutants on Eggs, Embryos and Larvae of
 Amphibian Species
 (JRN) Journal/Source: University of California, Irvine, CA, Air Force
 Tech. Report AMRL-TR-76-31, U.S. NTIS AD-A025 403:24 p.
 (ADT) Add Date: 01-31-85

File: 21 Entry: 5

AQUIRE Accession Number 222741

(PAR) Parameter Type: ENV; AQ
(CAS) CAS Registry Number: 540-73-8
(NAM) Chemical Name: SYMMETRICAL DIMETHYLHYDRAZINE
(TYP) Chemical Type: TEST
(CHC) Chemical Characteristics: NR
(PRP) Study Purpose: Other
(REL) Study Reliability: 3
(SPP) Species Identification: Xenopus laevis; Clawed toad;
Pipidae; AM; AMPHIBIA; Amphibian
(AGE) Age/Life Stage: EMBRYO
(RTE) Route/Method: ST - Static - LAB
(REG) Exposure Regimen: NR
(CNT) Controls: I
(GEN) General Test Conditions: FW; LAB
(TMP) Temperature (Degrees C): (NR)
(HDV) Hardness (mg/l CaCO3): (NR)
(ALK) Alkalinity (mg/l CaCO3): (NR)
(DO2) Dissolved O2: (NR)
(PHV) pH: (NR)
(EFE) Effect Endpoint Type: ABN *
(EFC) Effect Concentration: 50000 (F)
(UNT) Units: UG/L
(MEA) Measured/Unmeasured: Unmeasured
(REM) Remarks: (EFE) 93% MALFORMED.
(REG) UNTIL HATCHING.
(RNO) Reference Number: 217787
(AUT) Authors: Greenhouse, G.
(YRP) Year of Publication: 76
(TLE) Title: Effects of Pollutants on Embryos and Larvae of Amphibian
Species
(JRN) Journal/Source: University of California, Irvine, CA, Air Force
Tech. Report AMRL-TR-76-59, U.S. NTIS AD-A033 560:14 p.
(ADT) Add Date: 01-31-85

File: 21 Entry: 6

AQUIRE Accession Number 268865

(PAR) Parameter Type: ENV; AQ
(CAS) CAS Registry Number: 540-73-8
(NAM) Chemical Name: SYMMETRICAL DIMETHYLHYDRAZINE
(TYP) Chemical Type: TEST
(CHC) Chemical Characteristics: NR
(PRP) Study Purpose: Other
(REL) Study Reliability: 3
(SPP) Species Identification: Xenopus laevis; Clawed toad;
Pipidae; AM; AMPHIBIA; Amphibian

(AGE) Age/Life Stage: LARVAE
 (RTE) Route/Method: RN - Renewal - LAB
 (REG) Exposure Regimen: 5 D
 (CNT) Controls: S *
 (GEN) General Test Conditions: FW; LAB
 (TMP) Temperature (Degrees C): (NR)
 (HDV) Hardness (mg/l CaCO3): (NR)
 (ALK) Alkalinity (mg/l CaCO3): (NR)
 (DO2) Dissolved O2: (NR)
 (PHV) pH: (NR)
 (EFE) Effect Endpoint Type:
 LET *
 (EFC) Effect Concentration: 1000 (F)
 (UNT) Units: UG/L
 (OED) Other Endpoint Data: RECOVERY.
 (MEA) Measured/Unmeasured: Unmeasured
 (REM) Remarks: (CNT) 2 % MORT.
 (EFE) 100 % LETHALITY WITHIN 7 D.
 (RNO) Reference Number: 217788
 (AUT) Authors: Greenhouse,G.
 (YRP) Year of Publication: 76
 (TLE) Title: The Evaluation of Toxic Effects of Chemicals in Fresh Water
 by Using Frog Embryos and Larvae
 (JRN) Journal/Source: Environ. Pollut. 11(4):303-315
 (ADT) Add Date: 01-31-85

File: 21 Entry: 7

AQUIRE Accession Number 268866

(PAR) Parameter Type: ENV; AQ
 (CAS) CAS Registry Number: 540-73-8
 (NAM) Chemical Name: SYMMETRICAL DIMETHYLHYDRAZINE
 (TYP) Chemical Type: TEST
 (CHC) Chemical Characteristics: NR
 (PRP) Study Purpose: Other
 (REL) Study Reliability: 3
 (SPP) Species Identification: Xenopus laevis; Clawed toad;
 Pipidae; AM; AMPHIBIA; Amphibian
 (AGE) Age/Life Stage: LARVAE
 (RTE) Route/Method: RN - Renewal - LAB
 (REG) Exposure Regimen: NR
 (CNT) Controls: I
 (GEN) General Test Conditions: FW; LAB
 (TMP) Temperature (Degrees C): (NR)
 (HDV) Hardness (mg/l CaCO3): (NR)
 (ALK) Alkalinity (mg/l CaCO3): (NR)
 (DO2) Dissolved O2: (NR)
 (PHV) pH: (NR)
 (EFE) Effect Endpoint Type: DVP *
 (EFC) Effect Concentration: 100 (F)

(UNT) Units: UG/L
(OED) Other Endpoint Data: RECOVERY.
(MEA) Measured/Unmeasured: Unmeasured
(REM) Remarks: (EFE) NO ABNORMAL DVP OCCURRED.
(RNO) Reference Number: 217788
(AUT) Authors: Greenhouse,G.
(YRP) Year of Publication: 76
(TLE) Title: The Evaluation of Toxic Effects of Chemicals in Fresh Water
by Using Frog Embryos and Larvae
(JRN) Journal/Source: Environ. Pollut. 11(4):303-315
(ADT) Add Date: 01-31-85

File: 21 Entry: 8

AQUIRE Accession Number 268867

(PAR) Parameter Type: ENV; AQ
(CAS) CAS Registry Number: 540-73-8
(NAM) Chemical Name: SYMMETRICAL DIMETHYLHYDRAZINE
(TYP) Chemical Type: TEST
(CHC) Chemical Characteristics: NR
(PRP) Study Purpose: Other
(REL) Study Reliability: 3
(SPP) Species Identification: Xenopus laevis; Clawed toad;
Pipidae; AM; AMPHIBIA; Amphibian
(AGE) Age/Life Stage: EMBRYO
(RTE) Route/Method: RN - Renewal - LAB
(REG) Exposure Regimen: NR
(CNT) Controls: S *
(GEN) General Test Conditions: FW; LAB
(TMP) Temperature (Degrees C): (NR)
(HDV) Hardness (mg/l CaCO3): (NR)
(ALK) Alkalinity (mg/l CaCO3): (NR)
(DO2) Dissolved O2: (NR)
(PHV) pH: (NR)
(EFE) Effect Endpoint Type: MOR *
(EFC) Effect Concentration: <= 40000 (F)
(UNT) Units: UG/L
(OED) Other Endpoint Data: RECOVERY.
(MEA) Measured/Unmeasured: Unmeasured
(REM) Remarks: (CNT) 0 % MORT.
(EFE) NOT TOXIC AS LONG AS TRANSFERRED TO UNCONTAMINATED WATER
PRIOR TO HAT.
(RNO) Reference Number: 217788
(AUT) Authors: Greenhouse,G.
(YRP) Year of Publication: 76
(TLE) Title: The Evaluation of Toxic Effects of Chemicals in Fresh Water
by Using Frog Embryos and Larvae
(JRN) Journal/Source: Environ. Pollut. 11(4):303-315
(ADT) Add Date: 01-31-85

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File: 21 Entry: 9

AQUIRE Accession Number 268868

(PAR) Parameter Type: ENV; AQ
(CAS) CAS Registry Number: 540-73-8
(NAM) Chemical Name: SYMMETRICAL DIMETHYLHYDRAZINE
(TYP) Chemical Type: TEST
(CHC) Chemical Characteristics: NR
(PRP) Study Purpose: Other
(REL) Study Reliability: 3
(SPP) Species Identification: Xenopus laevis; Clawed toad;
Pipidae; AM; AMPHIBIA; Amphibian
(AGE) Age/Life Stage: EMBRYO
(RTE) Route/Method: RN - Renewal - LAB
(REG) Exposure Regimen: NR
(CNT) Controls: S *
(GEN) General Test Conditions: FW; LAB
(TMP) Temperature (Degrees C): (NR)
(HDV) Hardness (mg/l CaCO3): (NR)
(ALK) Alkalinity (mg/l CaCO3): (NR)
(DO2) Dissolved O2: (NR)
(PHV) pH: (NR)
(EFE) Effect Endpoint Type: DVP *
(EFC) Effect Concentration: >= 50000 (F)
(UNT) Units: UG/L
(OED) Other Endpoint Data: RECOVERY.
(MEA) Measured/Unmeasured: Unmeasured
(REM) Remarks: (CNT) 0 % MORT.
(EFE) TERATOGENIC WITH FAILURE TO ELONGATE AND KINKS IN TAIL
COMMON.
(RNO) Reference Number: 217788
(AUT) Authors: Greenhouse,G.
(YRP) Year of Publication: 76
(TLE) Title: The Evaluation of Toxic Effects of Chemicals in Fresh Water
by Using Frog Embryos and Larvae
(JRN) Journal/Source: Environ. Pollut. 11(4):303-315
(ADT) Add Date: 01-31-85