Appendix D – ECOTOX Bibliography

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The ECOTOX database is developed and maintained by EPA's National Health and Environmental Effects Research laboratory, Mid-Continent Ecology Division (MED) in Duluth, Minnesota.

Studies located using the ECOTOX database are grouped into the following three categories: Studies which are excluded from ECOTOX, studies accepted by ECOTOX but not OPP, and studies accepted by ECOTOX and OPP. Generally, studies are excluded from ECOTOX because the contain information about the chemical, but not effects data. (*e.g.*, fate studies, monitoring studies, chemical methods). Studies containing effects data are encoded into ECOTOX by trained document abstractors at MED, and this group of papers comprises the studies accepted by ECOTOX category. The final category of accepted by ECOTOX and OPP is determined using specific criteria described on the following page. Data from the category of studies accepted by ECOTOX and OPP may be used in the risk assessment. ECOTOX studies used in the assessment are listed both in this appendix and in the bibliography in the main document. Studies acceptable to ECOTOX and OPP that are not incoporated into the assessment generally either 1) produce a less sensitive endpoint than the ones used in the assessment, or 2) do not address organisms of concern for this assessment.

Explanation of OPP Acceptability Criteria and Rejection Codes for ECOTOX Data

Studies located and coded into ECOTOX must meet acceptability criteria, as established in the *Interim Guidance of the Evaluation Criteria for Ecological Toxicity Data in the Open Literature, Phase I and II*, Office of Pesticide Programs, U.S. Environmental Protection Agency, July 16, 2004. Studies that do not meet these criteria are designated in the bibliography as "Accepted for ECOTOX but not OPP." The intent of the acceptability criteria is to ensure data quality and verifiability. The criteria parallel criteria used in evaluating registrant-submitted studies. Specific criteria are listed below, along with the corresponding rejection code.

- The paper does not report toxicology information for a chemical of concern to OPP; (Rejection Code: NO COC)
- The article is not published in English language; (Rejection Code: NO FOREIGN)
- The study is not presented as a full article. Abstracts will not be considered; (Rejection Code: NO ABSTRACT)
- The paper is not publicly available document; (Rejection Code: NO NOT PUBLIC (typically not used, as any paper acquired from the ECOTOX holding or through the literature search is considered public)
- The paper is not the primary source of the data; (Rejection Code: NO REVIEW)
- The paper does not report a calculated endpoint (*e.g.*,LD_{50}, NOAEL), (Rejection Code: NO ENDPOINT)
- The paper does not report that treatment(s) were compared to an acceptable control; (Rejection Code: NO CONTROL)
- The paper does not report an explicit duration of exposure; (Rejection Code: NO DURATION)
- The paper does not report a concurrent environmental chemical concentration/dose or application rate; (Rejection Code: NO CONC)
- The paper does not report the location of the study (e.g., laboratory vs. field); (Rejection Code: NO LOCATION)
- The paper does not report a biological effect on live, whole organisms; (Rejection Code: NO IN-VITRO)
- The paper does not report the species that was tested; and this species can be verified in a reliable source; (Rejection Code: NO SPECIES)
- The paper does not report effects associated with exposure to a single chemical. (Rejection Code: NO MIXTURE)

Additionally, efficacy studies on target species are excluded and coded as NO TARGET.

Data that originated from the OPP Pesticide Ecotoxicity Database is coded as NO EFED. These data are already available to the chemical team.

PROMETON
Papers that Were Accepted for ECOTOX

Acceptable for ECOTOX and OPP

Bathe, R., Ullmann, L., and Sachsse, K. (1973). Determination of Pesticide Toxicity to Fish. *Schriftenr.Ver.Wasser-Boden-Lufthyg.Berlin-Dahlem* 37: 241-256 (ENG TRANSL).

EcoReference No.: 546
Chemical of Concern: ATZ,SZ,AMTR,PMT,FMU,PRO; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PRO),OK(ALL CHEMS).

Bovey, R. W. and Meyer, R. E. (1978). Control of Huisache with Soil Applied Herbicides. *J.Range Manag.* 31: 179-182.

EcoReference No.: 41522
Chemical of Concern: DMB,BMC,TET,DU,PRO,PCL; Habitat: T; Effect Codes: MOR,POP; Rejection Code: OK TARGET(DMB),OK(ALL CHEMS).

Bunn, K. E., Thompson, H. M., and Tarrant, K. A. (1996). Effects of Agrochemicals on the Immune Systems of Earthworms. *Bull.Environ.Contam.Toxicol.* 57: 632-639.

EcoReference No.: 40369
Chemical of Concern: PCZ,Captan,PIM,DS,PIRM,PAQT,CPP,PRO,PCB,DMT; Habitat: T; Effect Codes: IMM; Rejection Code: LITE EVAL CODED(PCZ,Captan,PIM,DS,PIRM,PAQT,CPP,PRO,PCB,DMT)//NO Media- none, Soil criteria - no pH, OM, Concs - only 1-2 tested, no ERE//NO RESIDUE,SPECIES(PCB).

Butler, P. A. (1965). Commercial Fishery Investigations. *In: Effects of Pesticides on Fish and Wildl.Circ.226, U.S.D.I., Washington, D.C.* 65-77.

EcoReference No.: 807
Chemical of Concern: ATZ,BS,CMPH,DU,HCCH,MLT,PMT,PRT,ACL,NTP,PCLK,PRO; Habitat: A; Effect Codes: GRO,MOR,BEH; Rejection Code: LITE EVAL CODED(PRO),NO CONTROL(ATZ,MLT,ACL).

Butler, P. A. (1965). Effects of Herbicides on Estuarine Fauna. *Proc.South.Weed Conf.* 18: 576-580.

EcoReference No.: 14134
Chemical of Concern: DU,ATZ,AMTR,PMT,PRO,ACL,DCPA,PAQT,MLT,NTP,TBF,VNT,EPTC,PCL,PEB,DDT,24DXY,BEE; Habitat: A; Effect Codes: MOR,GRO,POP; Rejection Code: LITE EVAL CODED(PRO,ATZ,MLT,ACL),OK(ALL CHEMS).

Cain, J. R. and Cain, R. K. (1983). The Effects of Selected Herbicides on Zygosphore Germination and Growth of Chlamydomonas moewusii (Chlorophyceae, Volvocales). *J.Phycol.* 19: 301-305.

EcoReference No.: 61203
Chemical of Concern: EDT,ATZ,DU,PCL,24DXY,PAQT,PRO,PPN,DMB,LNR,ACR,AMTR,BMN,AMTL; Habitat: A; Effect Codes: POP,REP,MOR; Rejection Code: LITE EVAL CODED(PRO,ATZ),OK(ALL CHEMS).

Drost, W., Backhaus, T., Vassilakaki, M., and Grimme, L. H. (2003). Mixture Toxicity of s-Triazines to Lemna minor Under Conditions of Simultaneous and Sequential Exposure. *Fresenius Environ.Bull.* 12: 601-607.

EcoReference No.: 81431
Chemical of Concern: ATZ,AMTR,PMT,PRO; Habitat: A; Effect Codes: GRO; Rejection Code: LITE EVAL CODED(PRO,ATZ),OK(ALL CHEMS).

Faust, M., Altenburger, R., Backhaus, T., Blanck, H., Boedeker, W., Gramatica, P., Hamer, V., Scholze, M., Vighi, M., and Grimme, L. H. (2001). Predicting the Joint Algal Toxicity of Multi-component s-Traizine Mixtures at Low-Effect Concentrations of Individual Toxicants. *Aquat.Toxicol.* 56: 13-32.

EcoReference No.: 62304
Chemical of Concern: SZ,PPZ,AMTR,PMT,CZE,ATZ,PRO; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PRO,ATZ,SZ,PPZ),OK(ALL CHEMS).

Frear, D. E. H. and Boyd, J. E. (1967). Use of Daphnia magna for the Microbioassay of Pesticides. I. Development of Standardized Techniques for Rearing Daphnia and Preparation of Dosage-Mortality Curves for Pesticides. *J.Econ.Entomol.* 60: 1228-1236.

EcoReference No.: 2820
Chemical of Concern:
FBM,PPHD,Zineb,DEM,TXP,DOD,PRO,ATZ,HPT,ETN,AND,Naled,PRT,MP,NaDC,Ziram,THM,Captan,MLN,DCF,AZ,HPT,MXC,DMT,DDT,TCF,CMPH,PRN,HCCH,DLD,EN,ES; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(PRO,ATZ,DMT,DOD,PRT),OK(ALL CHEMS).

Hoffman, D. J. and Albers, P. H. (1984). Evaluation of Potential Embryotoxicity and Teratogenicity of 42 Herbicides, Insecticides, and Petroleum Contaminants to Mallard Eggs. *Arch.Environ.Contam.Toxicol.* 13 : 15-27.

EcoReference No.: 35249
Chemical of Concern:
ACP,CBL,DZ,DMT,EN,HCCH,MLN,MOM,Naled,PRN,PMR,PSM,SPS,TMP,TXP,AMTL,ATZ,BMN,MCPA,24DXY,DMB,GYP,PAQT,PCL,PRO,PPN,TFN,ALSV; Habitat: T; Effect Codes: MOR,GRO,DVP; Rejection Code: LITE EVAL CODED(MOM,DMT,DMB,ALSV),OK (ALL CHEMS except BMN,MCPA-MIXTURE).

Hoffman, D. J. and Albers, P. H. (1984). Evaluation of Potential Embryotoxicity and Teratogenicity of 42 Herbicides, Insecticides, and Petroleum Contaminants to Mallard Eggs. *Arch.Environ.Contam.Toxicol.* 13 : 15-27.

EcoReference No.: 35249
Chemical of Concern:
ACP,CBL,DZ,DMT,EN,HCCH,MLN,MOM,Naled,PRN,PMR,PSM,SPS,TMP,TXP,AMTL,ATZ,BMN,MCPA,24DXY,DMB,GYP,PAQT,PCL,PRO,PPN,TFN,ALSV; Habitat: T; Effect Codes: MOR,GRO; Rejection Code: LITE EVAL CODED(PRO,DZ,ATZ,MOM,DMT,DMB,ALSV),OK(ALL CHEMS except BMN,MCPA-MIXTURE).

Isakeit, T. and Lockwood, J. L. (1989). Lethal Effect of Atrazine and Other Triazine Herbicides on Ungerminated Conidia of Cochliobolus sativus in Soil. *Soil Biol.Biochem.* 21: 809-817.

EcoReference No.: 70027
Chemical of Concern: SZ,ATZ,PPZ,AMTR,CZE,PRO,PMT; Habitat: T; Effect Codes: POP,REP; Rejection Code: LITE EVAL CODED(PRO,ATZ,PPZ),OK(ALL CHEMS),OK TARGET(SZ).

Jordan, L. S., Day, B. E., and Hendrixson, R. T. (1962). Chemical Control of Filamentous Green Algae. *Hilgardia* 32: 433-441.

EcoReference No.: 14395
Chemical of Concern: EDT,SZ,ACL,24DXY,ATZ,DU,Cu,CuS,PRO; Habitat: A; Effect Codes: POP; Rejection Code: LITE EVAL CODED(PRO,ATZ,SZ,CuS,ACL),OK(ALL CHEMS).

Kale, P. G., Petty, B. T. Jr., Walker, S., Ford, J. B., Dehkordi, N., Tarasia, S., Tasie, B. O., Kale, R., and Sohni, Y. R. (1995). Mutagenicity Testing of Nine Herbicides and Pesticides Currently used in Agriculture. *Environ.Mol.Mutagen.* 25: 148-153.

EcoReference No.: 40147
Chemical of Concern: PRO,GYP,TFN,PMR,24DXY; Habitat: T; Effect Codes: CEL; Rejection Code: LITE EVAL CODED(PRO),OK(ALL CHEMS).

Kratky, B. A. and Warren, G. F. (1971). The Use of Three Simple, Rapid Bioassays on Forty-Two Herbicides. *Weed Res.* 11: 257-262.

EcoReference No.: 40616
Chemical of Concern:
EDT,SZ,24DC,ATZ,24DXY,ACR,BMC,BMN,BS,DBN,DMB,LNR,PQT,TRB,TFN,PYZ,NaN3,PRO; Habitat: AT; Effect Codes: POP,GRO; Rejection Code: LITE EVAL CODED(PRO-aquatic,ATZ-aquatic,SZ-aquatic,PYZ,NaN3-aquatic),NO ENDPOINT(SZ-terrestrial,DMB),OK TARGET(ATZ-terrestrial,PRO-terrestrial).

Marchini, S., Passerini, L., Cesareo, D., and Tosato, M. L. (1988). Herbicidal Triazines: Acute Toxicity on Daphnia, Fish, and Plants and Analysis of its Relationships with Structural Factors. *Ecotoxicol.Environ.Saf.* 16: 148-157.

EcoReference No.: 13154
Chemical of Concern: SZ,ATZ,PMT,PPZ,AMTR,CZE,PRO; Habitat: A; Effect Codes: PHY; Rejection Code: LITE EVAL CODED(PRO,ATZ,SZ,PPZ),OK(ALL CHEMS).

Nadar, H. M., Clegg, M. D., and Maranville, J. W. (1975). Promotion of Sorghum Callus Growth by the S-Triazine Herbicides. *Plant Physiol.* 56: 747-751.

EcoReference No.: 43423
User Define 2: REPS,WASH,CALF,CORE,SENT
Chemical of Concern: SZ,PPZ,ATZ,AMTR,PRO,PMT; Habitat: T; Effect Codes: GRO,CEL; Rejection Code: OK TARGET(SZ).

Palmer, J. S. and Radeleff, R. D. (1969). The Toxicity of Some Organic Herbicides to Cattle, Sheep, and Chickens. *Production Research Rep.No.106, U.S.Dep Agriculture, Agricultural Research Service, Washington, DC.*

EcoReference No.: 80737
Chemical of Concern:
24DXY,24DXYEE,PPA,MCPA,LNR,DU,TRL,ATZ,SZ,PRO,PPZ,DMB,BMC,DBN,PCLK; Habitat: T; Effect Codes: GRO,PHY,MOR; Rejection Code: LITE EVAL CODED(PRO),NO ENDPOINT,CONTROL(ATZ,SZ),OK(24DXY,24DXYEE,PPA,MCPA,LNR,DU,TRL, PPZ,DMB,BMC,DBN,PCLK).

Pillai, C. G. P. and Davis, D. E. (1973). S-Triazine Effects on Seed Germination and Hypocotyl Hook Opening. *Weed Sci.* 21: 461-464.

EcoReference No.: 41225
User Define 2: REPS,WASH,CALF,CORE,SENT
Chemical of Concern: SZ,PMT,AMTR,ATZ,PRO,PPZ; Habitat: T; Effect Codes: REP,GRO; Rejection Code: OK TARGET(SZ).

Stevens, J. T., Breckenridge, C. B., Wetzel, L. T., Gillis, J. H., Luempert III, L. G., and Eldridge, J. C. (1994). Hypothesis for Mammary Tumorigenesis in Sprague-Dawley Rats Exposed to Certain Triazine Herbicides. *J.Toxicol.Environ.Health* 43: 139-153.

EcoReference No.: 69611
User Define 2: REPS,WASHT,CALFT,CORE,SENT
Chemical of Concern: SZ,ATZ,AMTR,PRO,PMT,PPZ; Habitat: T; Effect Codes: CEL,BCM; Rejection Code: LITE EVAL CODED(SZ).

Stevens, J. T., Breckenridge, C. B., Wetzel, L. T., Gillis, J. H., Luempert III, L. G., and Eldridge, J. C. (1994). Hypothesis for Mammary Tumorigenesis in Sprague-Dawley Rats Exposed to Certain Triazine Herbicides. *J.Toxicol.Environ.Health* 43: 139-153.

EcoReference No.: 69611
Chemical of Concern: SZ,ATZ,AMTR,PRO,PMT,PPZ; Habitat: T; Effect Codes: CEL,BCM; Rejection Code: LITE EVAL CODED(PRO,ATZ,SZ,PPZ),OK(ALL CHEMS).

Villeneuve, D. L., Murphy, M. B., Kahl, M. D., Jensen, K. M., Butterworth, B. C., Makynen, E. A., Durhan, E. J., Linnum, A., Leino, R. L., Curtis, L. R., Giesy, J. P., and Ankley, G. T. (2006). Evaluation of the Methoxytriazine Herbicide Prometon Using a Short-Term Fathead Minnow Reproduction Test and a Suite of In Vitro Bioassays. *Environ.Toxicol.Chem.* 25: 2143-2153.

EcoReference No.: 86407
Chemical of Concern: PRO; Habitat: A; Effect Codes: REP,ACC,MOR,BCM,PHY; Rejection Code: LITE EVAL CODED(PRO).

Walsh, G. E. (1972). Effects of Herbicides on Photosynthesis and Growth of Marine Unicellular Algae. *Hyacinth Control J.* 10: 45-48 (Author Communication Used).

EcoReference No.: 9211
Chemical of Concern: EDT,SZ,24DXY,ATZ,DBN,DU,TFN,AMTR,PRO,PAQT; Habitat: A; Effect Codes: PHY,POP; Rejection Code: LITE EVAL CODED(PRO,ATZ,SZ),OK(ALL CHEMS).

Wellborn, T. L. J. (1969). The Toxicity of Nine Therapeutic and Herbicidal Compounds to Striped Bass. *Prog.Fish-Cult.* 31: 27-32.

EcoReference No.: 909
Chemical of Concern: SZ,DU,PAQT,24DXY,EDT,AMTR,DBN,TFN,ATZ,PRO,Cu,CuS; Habitat: A; Effect Codes: MOR; Rejection Code: LITE EVAL CODED(SZ,CuS,OW-TRV-Cu),OK(ALL CHEMS).

Wu, M. T., Singh, B., and Salunkhe, D. K. (1972). Influence of Foliar Application of s-Triazine Compounds on Fresh Weight, Dry Weight, Chemical Composition, and Enzymatic Activity of Pea and Sweet Corn Seedlings. *J.Exp.Bot.* 23: 793-800.

EcoReference No.: 42622
User Define 2: REPS,WASH,CALF,CORE,SENT
Chemical of Concern: ATZ,PPZ,PMT,PRO,AMTR,SZ; Habitat: T; Effect Codes: POP,GRO,BCM; Rejection Code: OK TARGET(SZ).

Acceptable for ECOTOX but not OPP

Ahrens, J. F. (1976). Experimental Herbicides for Field-Grown Ornamentals. *Proc.Northeast.Weed Sci.Soc.* 30: 297-302.

EcoReference No.: 40837
User Define 2: REPS,WASH,CALF,CORE,SENT
Chemical of Concern: SZ,OYZ,ODZ,ACR,DU,TRB,ASM,GYP,PRO,DCPA,MBZ; Habitat: T; Effect Codes: GRO,MOR,PHY,POP; Rejection Code: NO ENDPOINT,MIXTURE(SZ).

Bathe, R., Sachsse, K., Ullmann, L., Hormann, W. D., Zak, F., and Hess, R. (1975). The Evaluation of Fish Toxicity in the Laboratory. *Proc.Eur.Soc.Toxicol.* 16: 113-124 .

EcoReference No.: 7199
Chemical of Concern: SZ,ATZ,DZ,MDT,DDT,AMTR,PRO,FMU,PPHD; Habitat: A; Effect Codes: MOR,ACC,CEL; Rejection Code: NO CONTROL(ALL CHEMS).

Borkovec, A. B., LaBrecque, G. C., and Demilo, A. B. (1967). s-Triazine Herbicides as Chemosterilants of Houseflies. *J.Econ.Entomol.* 60: 893-894.

EcoReference No.: 86241
Chemical of Concern: PPZ,SZ,ATZ,PRO; Habitat: T; Effect Codes: REP,POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Bovey, R. W. and Meyer, R. E. (1978). Control of Huisache with Soil Applied Herbicides. *J.Range Manag.* 31: 179-182.

EcoReference No.: 41522
Chemical of Concern: DMB,BMC,TET,DU,PRO,PCL; Habitat: T; Effect Codes: MOR,POP; Rejection Code: OK TARGET(PRO,DMB),OK(ALL CHEMS).

Burnet, M. W. M., Hildebrand, O. B., Holtum, J. A. M., and Powles, S. B. (1991). Amitrole, Triazine, Substituted Urea, and Metribuzin Resistance in a Biotype of Rigid Ryegrass (Lolium rigidum). *Weed Sci.* 39: 317-323.

EcoReference No.: 70098
Chemical of Concern:
SZ,ATZ,MBZ,DMM,SXD,PPZ,AMTL,CZE,PRO,AMTR,DU,FMU,MTZ,CSF,GYP,OXF; Habitat: T; Effect Codes: MOR,PHY; Rejection Code: LITE EVAL CODED(PPZ),OK(ALL CHEMS),OK TARGET(PRO,SZ,SXD,ATZ).

Darwazeh, H. A. and Mulla, M. S. (1974). Toxicity of Herbicides and Mosquitoe Larvicides to the Mosquito Fish Gambusia affinis. *Mosq.News* 34: 214-219 (Also Used ECOREF 2131, 2894) (Author Communication Used).

EcoReference No.: 6210
Chemical of Concern: ATZ,CPY,PMT,SZ,PPZ.PRO; Habitat: A; Effect Codes: MOR; Rejection Code: NO CONTROL(SZ,ATZ),ENDPOINT(PRO,PPZ),OK(CPY).

Day, B. E., McCarty, C. D., and Jordan, L. S. (1962). Dalapon, Amitrole, and Weed Oil Compared for Effectiveness in Control of Bermudagrass in California Citrus Orchards. *Hilgardia* 32: 207-227.

EcoReference No.: 42076
Chemical of Concern: SZ,AMTL,EPTC,PRO; Habitat: T; Effect Codes: POP; Rejection Code: NO ENDPOINT(SZ,AMTL,PRO,EPTC).

Dickens, R. and Buchanan, G. A. (1975). Control of Cogongrass with Herbicides. *Weed Sci.* 23: 194-197.

EcoReference No.: 40726
Chemical of Concern: AMTL,BMC,GYP,PRO; Habitat: T; Effect Codes: MOR,POP; Rejection Code: OK(ALL CHEMS),OK TARGET(PRO).

Frank, P. A., Otto, N. E., and Bartley, T. R. (1961). Techniques for Evaluating Aquatic Weed Herbicides. *Weeds* 9: 515-521.

EcoReference No.: 17443
Chemical of Concern: EDT,ACL,AMSV,DQTBr,PRO,CBZ; Habitat: A; Effect Codes: POP; Rejection Code: NO CONTROL(ALL CHEMS).

Gaines, T. B. and Linder, R. E. (1986). Acute Toxicity of Pesticides in Adult and Weanling Rats. *Fundam.Appl.Toxicol.* 7: 299-308.

EcoReference No.: 71303
Chemical of Concern: PNB,EDT,RSM,SZ,DDT,ATZ,DMB,PYZ,TCMTB,PRO; Habitat: T; Effect Codes: MOR; Rejection Code: NO CONTROL(ALL CHEMS).

Johnson, A. E., Van Kampen, K. R., and Binns, W. (1972). Effects on Cattle and Sheep of Eating Hay Treated with the Triazine Herbicides, Atrazine and Prometone. *Am.J.Vet.Res.* 33: 1433-1438.

EcoReference No.: 37331
Chemical of Concern: ATZ,PRO; Habitat: T; Effect Codes: GRO,BCM; Rejection Code: NO ENDPOINT(ALL CHEMS).

Jones, K. H., Sanderson, D. M., and Noakes, D. N. (1968). Acute Toxicity Data for Pesticides (1968). *World Rev.Pest Control* 7: 135-143.

EcoReference No.: 70074
Chemical of Concern:
24DXY,ABT,ACL,ADC,AMTL,AMTR,AND,ASM,ATN,ATZ,AZ,BFL,BMC,BMN,BS,BTY,Captan,CBL,CCA,CHD,CMPH,CPP,CPY,CQTC,CTHM,Cu,CuFRA,DBN,DCB,DCNA,DDD,DDT,DDVP,DEM,DINO,DLD,DMB,DMT,DOD,DPP1,DQTBr,DS,DU,DZ,DZM,EDT,EN,EP,EPTC,ES,ETN,FLAC,FMU,FNF,FNT,FNTH,Folpet,HCCH,HPT,LNR,Maneb,MCB,MCPA,MCPB,MCPP1MDT,MLH,MLN,MLT,MRX,MTM,MVP,MXC,Naled,NPM,PB,PCH,PCL,PCP,PEB,PHMD,PHSL,PMT,PPHD,PPN,PPX,PPZ,PQT,PRN,PRO,PRT,PYN,PYZ,RTN,SFT,SID,SZ,TCF,TFN,THM,TRB,TRL,TXP,VNT,Zineb; Habitat: T; Effect Codes: MOR; Rejection Code: NO PUBL AS(24DXY,ABT,ACL,AMTL,AMTR,ASM,ATN,AZ,BFL,BMC,BMN,BS,BTY,CCA,CMPH,CPP,CPY,CQTC,CTHM,DBN,DCB,DCNA,DDT,DINO,DOD,DPP1,DQTBr,DU,DZM,EP,EPTC,ES,FMU,FNF,FNT,Folpet,HCCH,HPT,LNR,MCB,MCPP1,MLT,MP,MRX,MTM,MXC,Naled,NPM,Pb,PCH,PCL,PEB,PHSL,PPN,PPZ,PQT,PRO,PYN,PYZ,RTN,RYA,SFT,SID,TFN,THM,TRL,VNT),NO CONTROL,DURATION(ALL CHEMS).

Kozlowski, T. T., Sasaki, S., and Torrie, J. H. (1967). Influence of Temperature on Phytotoxicity of Triazine Herbicides to Pine Seedlings. *Am.J.Bot.* 54: 790-796.

EcoReference No.: 41356
Chemical of Concern: SZ,ATZ,PMT,PPZ,PRO; Habitat: T; Effect Codes: GRO,POP; Rejection Code: NO ENDPOINT(ALL CHEMS,TARGET-ATZ).

Muschal, M. and Warne, M. St. J. (2003). Risk Posed by Pesticides to Aquatic Organisms in Rivers of Northern Inland New South Wales, Australia. *Hum.Ecol.Risk Assess.* 9: 1765-1787.

EcoReference No.: 81718
Chemical of Concern: ATZ,PRO,MTL,DV,PFF,CPY,ES; Habitat: A; Effect Codes: MOR,PHY; Rejection Code: NO ENDPOINT,CONTROL(ALL CHEMS).

Nilson, E. L. and Unz, R. F. (1977). Antialgal Substances for Iodine-Disinfected Swimming Pools. *Appl.Environ.Microbiol.* 34: 815-822.

EcoReference No.: 86279
Chemical of Concern: PRO,SZ,24DXY,NaPCP,Ziram; Habitat: A; Effect Codes: POP; Rejection Code: NO ENDPOINT(ALL CHEMS).

Office of Pesticide Programs (2000). Pesticide Ecotoxicity Database (Formerly: Environmental Effects Database (EEDB)). *Environmental Fate and Effects Division, U.S.EPA, Washington, D.C.*

EcoReference No.: 344
Chemical of Concern:
4AP,24DXY,ACL,ACP,ACR,Ag,AKTMD,ALSV,APAC,AQS,AsAC,ASCN,ATM,ATN,ATZ,AZ,BBN,BDF,BFT,BMC,BML,BMN,Br2,BrCl,BRSM,BS,BT,CaPS,Captan,CBF,CBL,CFE,CFE,CFRM,CLNB,CLP,CMPH,CPC,CPY,CQTC,CrACCTN,CTZ,Cu,CuFRA,CuO,CuOT,CuTE,CuS,CYD,CYF,CYP,CYT,DBN,DCNA,DBAC,DDAC,DFT,DFZ,DIIS,DKGNa,DM,DMB,DMM,DMP,DMT,DOD,DPC,DPDP,DPP1,DPP2,DS,DSP,DU,DZ,DZM,EFL,EFS,EFV,EP,FHX,FAME,FMP,FO,Folpet,FPN,FPP,FTN,FVL,GTN,GYP,HCCH,HXZ,IGS,IODN,IPD,IZP,KMFD,LNR,MAL,MB,MBZ,MCPP1,MCPP2,MDT,MFDD,MFX,MFZ,MGK,MLN,MLT,MOM,MP,MTC,MTL,MTM,NAA,NaBr,Naled,NAPH,NFZ,NPP,NTP,OTN,OXF,OXT,OYZ,PCP,PCZ,PDM,PEB,PHMD,PMR,PMT,PNB,PPB,PPG,PPMH,PPZ,PQT,PRB,PRT,PSM,PYN,PYZ,RSM,RTN,SMM,SMT,SS,SXD,SZ,TBC,TBD,TCMTB,TDC,TDF,TDZ,TET,TFN,TFR,TMT,TPR,TRB,WFN,ZnP,PRO; Habitat: AT; Effect Codes: MOR,POP,PHY,GRO,REP; Rejection Code: NO EFED (344).

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Chemical of Concern: SZ,ATZ,PPZ,PRO,PMT; Habitat: T; Effect Codes: PHY; Rejection Code: NO ENDPOINT(ALL CHEMS).

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Chemical of Concern:
HCCH,CCA,FBM,Maneb,Zineb,Ziram,As,PRO,ABT,CPY,PRN,PPHD,DDT,MTAS,EDT,DMB,24DXY;
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Effect Codes: MOR; Rejection Code: NO PUBL
AS(24DXY,ABT,ACL,AMTL,AMTR,ASM,ATN,AZ,BFL,BMC,BMN,BS,BTY,CCA,CMPH,CPP,CPY,CQTC,CTHM,DBN,DCB,DCNA,DDT,DINO,DOD,DPP1,DQTBr,DU,DZM,EP,EPTC,ES,FMU,FNF,FNT,Folpet,HCCH,HPT,LNR,MCB,MCPP1,MLT,MP,MRX,MTM,MXC,Naled,NPM,Pb,PCH,PCL,PEB,PHSL,PPN,PPZ,PQT,PRO,PYN,PYZ,RTN,RYA,SFT,SID,TFN,THM,TRL,VNT),NO CONTROL,DURATION(ALL CHEMS).

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