

Appendix F

ECOTOX Open Literature Bibliography

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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 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). It should be noted that all papers including data on pesticide mixtures are considered.

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.

Papers Identified in the July 2011 ECOTOX Refresh

Target: Toxicity of Chemical on Intended Pest

Abdelhafez, O. M., Amin, K. M., Batran, R. Z., Maher, T. J., Nada, S. A., and Sethumadhavan, S. (Synthesis, Anticoagulant and Pivka-Ii Induced by New 4-Hydroxycoumarin Derivatives. *Bioorg med chem.* 2010, may 15; 18(10):3371-8. [*Bioorganic & medicinal chemistry*]: *Bioorg Med Chem*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Akiyama, Y., Hara, K., Matsumoto, A., Takahashi, S., and Tajima, T. (1995). Comparison of Intestinal Absorption of Vitamin K Sub(2) (Menaquinone) Homologues and Their Effects on Blood Coagulation in Rats With Hypoproteinaemia. *Biochemical Pharmacology [BIOCHEM. PHARMACOL.]*. Vol. 49, no. 12, pp. 1801-1807. 1995.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Anstee, Q. M., Goldin, R. D., Wright, M., Martinelli, A., Cox, R., and Thursz, M. R. (Coagulation Status Modulates Murine Hepatic Fibrogenesis: Implications for the Development of Novel Therapies. *J thromb haemost.* 2008, aug; 6(8):1336-43. [*Journal of thrombosis and haemostasis : jth*]: *J Thromb Haemost*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Arai, H., Nagai, K., and Doi, T. (Role of Growth Arrest-Specific Gene 6 in Diabetic Nephropathy. *Vitam horm.* 2008; 78:375-92. [*Vitamins and hormones*]: *Vitam Horm*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Ashton, A. D., Jackson, W. B., and Peters, H. (1987). Comparative Evaluation of LD50 Values for Various Anticoagulant Rodenticides. In: C.G.J.Richards and T.Y.Ku (Eds.), *Control of Mammal Pests, IV Congress, Taylor and Francis, London, England, UK* 187-197.

EcoReference No.: 152167

Chemical of Concern: BDL,CPC,DFM,DPC,PPCP,PVL,WFN; Habitat: T; Effect Codes: MOR; Code: NO EFED CHEM (PVL), TARGET (BDL,CPC,DFM,DPC,PPCP,WFN).

Baker, M. T. and Ronnenberg, W. C. Jr (1992). Acute Stimulation of Trifluoroethene Defluorination and Cytochrome P450 Inactivation in the Rat by Exposure to Isoflurane. *Toxicology and Applied Pharmacology*. Vol. 114, no. 1, pp. 25-30. 1992.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Billing, J. (2000). The Control of Introduced Rattus Rattus L. On Lord Howe Island. Ii. The Status of Warfarin Resistance in Rats and Mice. *Wildlife Research [Wildl. Res.]*. Vol. 27, no. 6, pp. 659-661. 2000.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Bouvet, C., Moreau, S., Blanchette, J., De Blois, D., and Moreau, P. (Sequential Activation of Matrix Metalloproteinase 9 and Transforming Growth Factor Beta in Arterial Elastocalcinosis. *Arterioscler thromb vasc biol.* 2008, may; 28(5):856-62. [*Arteriosclerosis, thrombosis, and vascular biology*]: *Arterioscler Thromb Vasc Biol*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Cai, Y., Xu, M. J., Teng, X., Zhou, Y. B., Chen, L., Zhu, Y., Wang, X., Tang, C. S., and Qi, Y. F. (Intermedin Inhibits Vascular Calcification by Increasing the Level of Matrix Gamma-Carboxyglutamic Acid Protein. *Cardiovasc res.* 2010, mar 1; 85(4):864-73. [*Cardiovascular research*]: *Cardiovasc Res*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Cao, Yan Guang, Liu, Xiao Quan, Chen, Yuan Cheng , Hao, Kun, and Wang, Guang Ji (2007). Warfarin Maintenance Dose Adjustment With Indirect Pharmacodynamic Model in Rats. *European Journal of Pharmaceutical Sciences* 30: 175-180.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Chan, E., Hegde, A., and Chen, X. (Effect of Rutin on Warfarin Anticoagulation and Pharmacokinetics of Warfarin Enantiomers in Rats. *J pharm pharmacol.* 2009, apr; 61(4):451-8. [*The journal of pharmacy and pharmacology*]: *J Pharm Pharmacol*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Cipil, H. S., Kosar, A., Kaya, A., Uz, B., Haznedaroglu, I. C., Goker, H., Ozdemir, O., Koroglu, M., Kirazli, S., and Firat, H. C. (In Vivo Hemostatic Effect of the Medicinal Plant Extract Ankaferd Blood Stopper in Rats Pretreated With Warfarin. *Clin appl thromb hemost.* 2009 may-jun; 15(3):270-6. [*Clinical and applied thrombosis/hemostasis : official journal of the international academy of clinical and applied thrombosis/hemostasis*]: *Clin Appl Thromb Hemost*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Copple, B. L., Woolley, B., Banes, A., Ganey, P. E., and Roth, R. A. (2002). Anticoagulants Prevent Monocrotaline-Induced Hepatic Parenchymal Cell Injury but Not Endothelial Cell Injury in the Rat. *Toxicology and Applied Pharmacology* [*Toxicol. Appl. Pharmacol.*]. Vol. 180, no. 3, pp. 186-196. 1 May 2002.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Daniel, W. A., Haduch, A., Syrek, M., and Boksa, J. (Direct and Indirect Interactions Between Antidepressant Drugs and Cyp2c6 in the Rat Liver During Long-Term Treatment. *Eur neuropsychopharmacol.* 2006, dec; 16(8):580-7. [*European neuropsychopharmacology : the journal of the european college of neuropsychopharmacology*]: *Eur Neuropsychopharmacol*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Doronin, K., Shashkova, E. V., May, S. M., Hofherr, S. E., and Barry, M. A. (Chemical Modification With High Molecular Weight Polyethylene Glycol Reduces Transduction of Hepatocytes and Increases Efficacy of Intravenously Delivered Oncolytic Adenovirus. *Hum gene ther.* 2009, sep; 20(9):975-88. [*Human gene therapy*]: *Hum Gene Ther*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Essalihi, R., Ouellette, V., Dao, H. H., Mckee, M. D., and Moreau, P. (Phenotypic Modulation of Vascular Smooth Muscle Cells During Medial Arterial Calcification: a Role for Endothelin? *J cardiovasc pharmacol.* 2004, nov; 44 suppl 1:s147-50. [*Journal of cardiovascular pharmacology*]: *J Cardiovasc Pharmacol*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Ferrario, A. and Gomer, C. J. (1990). Systemic Toxicity in Mice Induced by Localized Porphyrin Photodynamic Therapy. *Cancer Research [CANCER RES.]*. Vol. 50, no. 3, pp. 539-543. 1990.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Foerch, C., Arai, K., Jin, G., Park, K. P., Pallast, S., Van Leyen, K., and Lo, E. H. (Experimental Model of Warfarin-Associated Intracerebral Hemorrhage. *Stroke*. 2008, dec; 39(12):3397-404. [*Stroke; a journal of cerebral circulation*]: *Stroke*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Foerch, C., Arai, K., Van Cott, E. M., Van Leyen, K., and Lo, E. H. (Rapid Reversal of Anticoagulation Reduces Hemorrhage Volume in a Mouse Model of Warfarin-Associated Intracerebral Hemorrhage. *J cereb blood flow metab*. 2009, may; 29(5):1015-21. [*Journal of cerebral blood flow and metabolism : official journal of the international society of cerebral blood flow and metabolism*]: *J Cereb Blood Flow Metab*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Fraigui, O., Lamnaouer, D., and Faouzi, M. Y. A. (2002). Acute Toxicity of Ferulenol, a 4-Hydroxycoumarin Isolated From *Ferula Communis* L. *Veterinary and Human Toxicology [Vet. Hum. Toxicol.]*. Vol. 44, no. 1, pp. 5-7. Feb 2002.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Gill, J. E., Kerins, G. M., Langton, S. D., and MacNicoll, A. D. (1994). Blood-Clotting Response Test for Bromadiolone Resistance in Norway Rats. *Journal of Wildlife Management [J. WILDL. MANAGE.]*. Vol. 58, no. 3, pp. 454-461. 1994.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Grandemange, A., Kohn, M. H., Lasseur, R., Longin-Sauvageon, C., Berny, P., and Benoit, E. (Consequences of the Y139f Vkorc1 Mutation on Resistance to Avks: in-Vivo Investigation in a 7th Generation of Congenic Y139f Strain of Rats. *Pharmacogenet genomics*. 2009, oct; 19(10):742-50. [*Pharmacogenetics and genomics*]: *Pharmacogenet Genomics*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Hara, K., Akiyama, Y., Kato, Y., Orikasa, E., Takahira, H., and Tajima, T. (1988). Influence of Indomethacin Farnesil on Blood Coagulation. Comparison With Indomethacin in Normal Rats and Warfarin Induced Hypoprothrombinemic Rats. *Folia Pharmacologica Japonica [FOLIA PHARMACOL. JAP.]*. Vol. 92, no. 6, pp. 365-373. 1988.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Hart, J. A. D., Haynes, B. P., and Kevin Park, B. (1984). A Study of Factors Which Determine the Pharmacological Response to Vitamin K in Coumarin Anticoagulated Rabbits. *Biochem. Pharmacol*. 33: 3013-3019.

EcoReference No.: 75488

Chemical of Concern: BDF,PPCP,WFN; Habitat: T; Effect Codes: PHY; Code: NO MIXTURE (BDF), TARGET (BDF,PPCP,WFN).

Hewett, J. A. and Roth, R. A. (1995). The Coagulation System, but Not Circulating Fibrinogen, Contributes to Liver Injury in Rats Exposed to Lipopolysaccharide From Gram-Negative Bacteria. *Journal of Pharmacology and Experimental Therapeutics [J. PHARMACOL. EXP. THER.]*. Vol. 272, no. 1, pp. 53-62. 1995.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Hovhannisyan, A. S., Abrahamyan, H., Gabrielyan, E. S., and Panossian, A. G. (The Effect of Kan Jang Extract on the Pharmacokinetics and Pharmacodynamics of Warfarin in Rats. *Phytomedicine*. 2006, may; 13(5):318-23. [*Phytomedicine : international journal of phytotherapy and phytopharmacology*]: *Phytomedicine*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Illanes, S., Zhou, W., Heiland, S., Markus, Z., and Veltkamp, R. (Kinetics of Hematoma Expansion in Murine Warfarin-Associated Intracerebral Hemorrhage. *Brain res*. 2010, mar 12; 1320:135-42. [*Brain research*]: *Brain Res*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Illanes, S., Zhou, W., Schwarting, S., Heiland, S., and Veltkamp, R. (Comparative Effectiveness of Hemostatic Therapy in Experimental Warfarin-Associated Intracerebral Hemorrhage. *Stroke*. 2011, jan; 42(1):191-5. [*Stroke; a journal of cerebral circulation*]: *Stroke*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Ishizuka, M., Okajima, F., Tanikawa, T., Min, H., Tanaka, K. D., Sakamoto, K. Q., and Fujita, S. (2007). Elevated Warfarin Metabolism in Warfarin-Resistant Roof Rats (*Rattus rattus*) in Tokyo. *Drug Metab. Dispos*. 35: 62-66.

EcoReference No.: 152837

Chemical of Concern: PPCP,WFN; Habitat: T; Effect Codes: ACC,BCM,CEL; Code: TARGET (PPCP,WFN).

Jones, R. W. and Easter, R. A. (1986). Growth and Survival of Rats Fed Swine Diets Supplemented with Vitamin K and/or Warfarin. *Can. J. Anim. Sci*. 66: 307-309.

EcoReference No.: 79131

Chemical of Concern: PPCP,WFN; Habitat: T; Effect Codes: BEH,GRO,MOR; Code: TARGET (PPCP,WFN).

Kamali, F., Wood, P., and Ward, A. (Vitamin K Deficiency Amplifies Anticoagulation Response to Ximelagatran: Possible Implications for Direct Thrombin Inhibitors and Their Clinical Safety. *Ann hematol*. 2009, feb; 88(2):141-9. [*Annals of hematology*]: *Ann Hematol* .

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Kamimura, H., Nakada, N., Suzuki, K., Mera, A., Souda, K., Murakami, Y., Tanaka, K., Iwatsubo, T., Kawamura, A., and Usui, T. (Assessment of Chimeric Mice With Humanized Liver as a Tool for Predicting Circulating Human Metabolites. *Drug metab pharmacokinet*. 2010; 25(3):223-35. [*Drug metabolism and pharmacokinetics*]: *Drug Metab Pharmacokinet*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Kataranovski, M., Kataranovski, D., Zolotarevski, L., and Jovic, M. (Epicutaneous Exposure to Anticoagulant Rodenticide Warfarin Modulates Local Skin Activity in Rats. *Cutan ocul toxicol*. 2007; 26(1):1-13. [*Cutaneous and ocular toxicology*]: *Cutan Ocul Toxicol*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Kataranovski, M., Mirkov, I., Vrankovic, J., Kataranovski, D., and Subota, V. (Percutaneous Toxicity of Anticoagulant Warfarin in Rats. *Cutan ocul toxicol*. 2008; 27(1):29-40. [*Cutaneous and ocular toxicology*]: *Cutan Ocul Toxicol*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Kataranovski, M., Vlaski, M., Kataranovski, D., Tosic, N., Mandic-Radic, S., and Todorovic, V. (2003). Immunotoxicity of Epicutaneously Applied Anticoagulant Rodenticide Warfarin: Evaluation by Contact Hypersensitivity to Dncb in Rats. *Toxicology [Toxicology]*. Vol. 188, no. 1, pp. 83-100. Jun 2003.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Kataranovski Milena, Prokic Vera, Kataranovski Dragan, Zolotarevski Lidija, and Majstorovic Ivana (2005). Dermatotoxicity of Epicutaneously Applied Anticoagulant Warfarin. *Toxicology [Toxicology]*. Vol. 212, no. 2-3, pp. 206-218. Sep 2005.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Koch, E. and Biber, A. (Treatment of Rats With the Pelargonium Sidoides Extract Eps 7630 Has No Effect on Blood Coagulation Parameters or on the Pharmacokinetics of Warfarin. *Phytomedicine*. 2007; 14 suppl 6:40-5. [Phytomedicine : international journal of phytotherapy and phytopharmacology]: Phytomedicine.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Kot, M. and Daniel, W. A. (Effect of Cytochrome P450 (Cyp) Inducers on Caffeine Metabolism in the Rat. *Pharmacol rep*. 2007 may-jun; 59(3):296-305. [Pharmacological reports : pr]: Pharmacol Rep.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Kou, Junping, Yu, Boyang, and Xu, Qiang (2005). Inhibitory Effects of Ethanol Extract From Radix Ophiopogon Japonicus on Venous Thrombosis Linked With Its Endothelium-Protective and Anti-Adhesive Activities. *Vascular Pharmacology* 43: 157-163.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Kuo, Y. H., Lin, Y. L., Don, M. J., Chen, R. M., and Ueng, Y. F. (Induction of Cytochrome P450-Dependent Monooxygenase by Extracts of the Medicinal Herb Salvia Miltiorrhiza. *J pharm pharmacol*. 2006, apr; 58(4):521-7. [The journal of pharmacy and pharmacology]: J Pharm Pharmacol .

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Kurata, M., Iidaka, T., Yamasaki, N., Sasayama, Y., and Hamada, Y. (Battery of Tests for Profiling Abnormalities of Vitamin K-Dependent Coagulation Factors in Drug-Toxicity Studies in Rats. *Exp anim*. 2005, apr; 54(2):189-92. [Experimental animals / japanese association for laboratory animal science]: Exp Anim.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Kurohara, M., Yasuda, H., Moriyama, H., Nakayama, M., Sakata, M., Yamada, K., Kotani, R., Hara, K., Yokono, K., and Nagata, M. (Low-Dose Warfarin Functions as an Immunomodulator to Prevent Cyclophosphamide-Induced Nod Diabetes. *Kobe j med sci*. 2008; 54(1):e1-13. [The kobe journal of medical sciences]: Kobe J Med Sci.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Lalaoui, M. Z., El Midaoui, A., De Champlain, J., and Moreau, P. (Is There a Role for Reactive Oxygen Species in Arterial Medial Elastocalcinosis? *Vascul pharmacol*. 2007, mar; 46(3):201-6. [Vascular pharmacology]: Vascul Pharmacol.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Li, H., Tao, H. R., Hu, T., Fan, Y. H., Zhang, R. Q., Jia, G., and Wang, H. C. (Atorvastatin Reduces Calcification in Rat Arteries and Vascular Smooth Muscle Cells. *Basic clin pharmacol toxicol.* 2010, oct; 107(4):798-802. [Basic & clinical pharmacology & toxicology]: Basic Clin Pharmacol Toxicol.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Liu, C., Wan, J., Yang, Q., Qi, B., Peng, W., and Chen, X. (Effects of Atorvastatin on Warfarin-Induced Aortic Medial Calcification and Systolic Blood Pressure in Rats. *J huazhong univ sci technolog med sci.* 2008, oct; 28(5):535-8. [Journal of huazhong university of science and technology. Medical sciences = hua zhong ke ji da xue xue bao. Yi xue ying de wen ban = huazhong keji daxue xuebao. Yixue yingdewen ban]: J Huazhong Univ Sci Technolog Med Sci.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Liu, J., Wang, X., Cai, Z., and Lee, F. S. (Effect of Tanshinone Iia on the Noncovalent Interaction Between Warfarin and Human Serum Albumin Studied by Electrospray Ionization Mass Spectrometry. *J am soc mass spectrom.* 2008, oct; 19(10):1568-75. [Journal of the american society for mass spectrometry]: J Am Soc Mass Spectrom.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Maeda, Masayo, Murakami, Manabu, Takegami, Tsutomu, and Ota, Takahide (2008-). Promotion or Suppression of Experimental Metastasis of B16 Melanoma Cells After Oral Administration of Lapachol. *Toxicology and Applied Pharmacology* 229: 232-238.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Manolov, I., Maichle-Moessmer, C., and Danchev, N. (Synthesis, Structure, Toxicological and Pharmacological Investigations of 4-Hydroxycoumarin Derivatives. *Eur j med chem.* 2006, jul; 41(7):882-90. [European journal of medicinal chemistry]: Eur J Med Chem.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Manolov, I., Maichle-Moessmer, C., Nicolova, I., and Danchev, N. (Synthesis and Anticoagulant Activities of Substituted 2,4-Diketochromans, Biscoumarins, and Chromanocoumarins. *Arch pharm (weinheim).* 2006, jun; 339(6):319-26. [Archiv der pharmazie]: Arch Pharm (Weinheim).

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Marenchino, M., AlpstÄ, G-WÖ, Hrle, A. L., Christen, B., Wunderli-Allenspach, H., KrÄ, and Mer, S. D. (Alpha-Tocopherol Influences the Lipid Membrane Affinity of Desipramine in a Ph-Dependent Manner. *Eur j pharm sci.* 2004, feb; 21(2-3):313-21. [European journal of pharmaceutical sciences : official journal of the european federation for pharmaceutical sciences]: Eur J Pharm Sci.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Mikhail, M. W. and Abdel-Hamid, Y. M. (Effect of Warfarin Anticoagulant Rodenticide on the Blood Cell Counts of Rattus Norvegicus and Rattus Rattus. *J egypt soc parasitol.* 2007, dec; 37(3):853-61. [Journal of the egyptian society of parasitology]: J Egypt Soc Parasitol.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Mu, Y., Zhang, J., Zhang, S., Zhou, H. H., Toma, D., Ren, S., Huang, L., Yaramus, M., Baum, A., Venkataramanan, R., and Xie, W. (Traditional Chinese Medicines Wu Wei Zi (Schisandra Chinensis Baill) and Gan Cao (Glycyrrhiza Uralensis Fisch) Activate Pregnane X Receptor and Increase Warfarin Clearance in Rats. *J pharmacol exp ther.* 2006, mar; 316(3):1369-77. [The journal of pharmacology and experimental

therapeutics]: *J Pharmacol Exp Ther*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Ohishi, T., Kitazawa, T., Suzuki, S., Nakamura, D., Nishihara, Y., and Mochizuki, M. (Effects of Pregnancy and Lactation on Warfarin-Induced Changes in Blood Coagulation-Related Parameters in Rats. *J toxicol sci*. 2010; 35(2):189-96. [*The journal of toxicological sciences*]: *J Toxicol Sci*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Pahwa, R., Lal, S., Yadav, A. S., and Srivastava, J. L. (1992). Lethal Efficacy of Cholecalciferol in Comparison to Other Rodenticides Against *Rattus rattus* Linn. *Z. Angew. Zool*. 79: 243-247.

EcoReference No.: 152788

Chemical of Concern: BDF,CLC,PPCP,WFN; Habitat: T; Effect Codes: BEH,MOR; Code: TARGET (BDF,CLC,PPCP,WFN).

Panossian, A., Hovhannisyan, A., Abrahamyan, H., Gabrielyan, E., and Wikman, G. (Pharmacokinetic and Pharmacodynamic Study of Interaction of *Rhodiola Rosea* Shr-5 Extract With Warfarin and Theophylline in Rats. *Phytother res*. 2009, mar; 23(3):351-7. [*Phytotherapy research : ptr*]: *Phytother Res*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Pfeilschifter, W., Spitzer, D., Czech-Zechmeister, B., Steinmetz, H., and Foerch, C. (Increased Risk of Hemorrhagic Transformation in Ischemic Stroke Occurring During Warfarin Anticoagulation: an Experimental Study in Mice. *Stroke*. 2011, apr; 42(4):1116-21. [*Stroke; a journal of cerebral circulation*]: *Stroke*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Pillai, L., Levy, R. M., Yimam, M., Zhao, Y., Jia, Q., and Burnett, B. P. (Flavocoxid, an Anti-Inflammatory Agent of Botanical Origin, Does Not Affect Coagulation or Interact With Anticoagulation Therapies. *Adv ther*. 2010, jun; 27(6):400-11. [*Advances in therapy*]: *Adv Ther*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Popov, A., Mirkov, I., Zolotarevski, L., Jovic, M., Belij, S., Kataranovski, D., and Kataranovski, M. (Local Proinflammatory Effects of Repeated Skin Exposure to Warfarin, an Anticoagulant Rodenticide in Rats. *Biomed environ sci*. 2011, apr; 24(2):180-9. [*Biomedical and environmental sciences : bes*]: *Biomed Environ Sci*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Ramesh, B. and Pugalendi, K. V. (2007). Effect of Umbelliferone on Tail Tendon Collagen and Haemostatic Function in Streptozotocin-Diabetic Rats. *Basic and Clinical Pharmacology and Toxicology*, 101 (2) pp. 73-77, 2007.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Rost, S., Pelz, H. J., Menzel, S., Macnicoll, A. D., LeÓute, N, V., Song, K. J., JÄuml, Kel, T., Oldenburg, J., MÜml, and Ller, C. R. (Novel Mutations in the *Vkorc1* Gene of Wild Rats and Mice--a Response to 50 Years of Selection Pressure by Warfarin? *Bmc genet*. 2009; 10:4. [*Bmc genetics*]: *BMC Genet*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Sakaguchi, Y., Suga, S., Oshida, K., Miyamoto-Kuramitsu, K., Ueda, K., and Miyamoto, Y. (Anticoagulant Effect of

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Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Sancilio, L. F., Taylor, M. A., Mathur, P. P., and Crowe, J. T. (1985). Interaction Between Warfarin and Nonsteroidal Anti-Inflammatory Drugs (Nsaid) in Rats. *Life Sciences [LIFE SCI.]*. Vol. 36, no. 11, pp. 1041-1050. 1985.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Schurgers, L. J., Spronk, H. M., Soute, B. A., Schiffers, P. M., Demey, J. G., and Vermeer, C. (Regression of Warfarin-Induced Medial Elastocalcinosis by High Intake of Vitamin K in Rats. *Blood*. 2007, apr 1; 109(7):2823-31. [*Blood*]: *Blood*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Shanmugam, S., Lee, E. S., Jeong, T. C., Yong, C. S., Choi, H. G., Woo, J. S., and Yoo, B. K. (The Effect of 1-Furan-2-Yl-3-Pyridine-2-Yl-Propenone on Pharmacokinetic Parameters of Warfarin. *Arch pharm res.* 2007, jul; 30(7):898-904. [*Archives of pharmacal research*]: *Arch Pharm Res*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

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Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

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Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

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Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

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Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Surin, W. R., Prakash, P., Barthwal, M. K., and Dikshit, M. (Optimization of Ferric Chloride Induced Thrombosis Model in Rats: Effect of Anti-Platelet and Anti-Coagulant Drugs. *J pharmacol toxicol methods.* 2010 may-jun; 61(3):287-91. [*Journal of pharmacological and toxicological methods*]: *J Pharmacol Toxicol Methods*.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Szutowski, M. M., Lukasik, M., Wawer, Z. T., Chrobak, K., Michalska, M., Borzecka, K., and Brzezinski, J. (2002). In Vivo Effect of 5- and 8-Methoxypsoralens and Cimetidine on R,S-Warfarin Metabolism in Rat. *Journal of Applied Toxicology [J. Appl. Toxicol.]*. Vol. 22, no. 5, pp. 327-332. Sep-Oct 2002.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

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Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Tribull, T. E., Bruner, R. H., and Bain, L. J. (2003). The Multidrug Resistance-Associated Protein 1 Transports Methoxychlor and Protects the Seminiferous Epithelium from Injury. *Toxicol. Lett*. 142: 61-70.

EcoReference No.: 104048

Chemical of Concern: CPP,DINO,FNT,MXC,PCP,PPCP,WFN; Habitat: T; Effect Codes: BCM,CEL,GRO; Code: NO EFED CHEM (DINO,MXC), NO IN VITRO (CPP,FNT,PCP), TARGET (PPCP,WFN).

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Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

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Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

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Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

Zhou Qingyu and Chan Eli* (1998). Accuracy of Repeated Blood Sampling in Rats: a New Technique Applied in Pharmacokinetic/Pharmacodynamic Studies of the Interaction Between Warfarin and Co-Enzyme Q Sub(10). *Journal of Pharmacological and Toxicological Methods [J. Pharmacol. Toxicol. Methods]*. Vol. 40, no. 4, pp. 191-199. Nov 1998.

Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

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Chemical of Concern: WFN; Habitat: T; Code: TARGET (WFN).

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1. Aulerich, R. J., Ringer, R. K., and Safronoff, J. (1987). **Primary and Secondary Toxicity of Warfarin, Sodium Monofluoroacetate, and Methyl Parathion in Mink.** *Arch.Environ.Contam.Toxicol.* 16: 357-366.

EcoReference No.: 39689

User Define 2: WASHT

Chemical of Concern: MP,WFN,NaFA; Habitat: T; Effect Codes: GRO,BEH,MOR.

2. Bai, K. M. and Krishnakumari, M. K. (1986). **Acute Oral Toxicity of Warfarin to Poultry, Gallus domesticus: A Non-target Species.** *Bull.Environ.Contam.Toxicol.* 37: 544-549.

EcoReference No.: 75111

Chemical of Concern: WFN; Habitat: T; Effect Codes: PHY,MOR,GRO.

3. Balasubramanyam, M. and Purushotham, K. R. (1987). **Comparative Effect of Three Rodenticides Warfarin, Bromadiolone and Brodifacoum on the Indian Field Mouse, Mus booduga Gray.** *Int.Biodeterior.* 23: 307-314.

EcoReference No.: 75517

Chemical of Concern: BDF,WFN,BDL; Habitat: T; Effect Codes: MOR,BEH.

4. Gill, J. E. and Redfern, R. (1983). **Laboratory Tests of Seven Rodenticides for the Control of Meriones shawi.** *J.Hyg.,Camb.* 91: 351-357.

EcoReference No.: 75651

Chemical of Concern: BDF,CLC,BDL,WFN,ZnP; Habitat: T; Effect Codes: MOR.

5. Gill, J. E. and Redfern, R. (1980). **Laboratory Trials of Seven Rodenticides for Use Against the Cotton Rat (Sigmodon hispidus).** *J.Hyg.* 85: 443-450.

EcoReference No.: 75709

Chemical of Concern: WFN,BDF,BDL,ZnP; Habitat: T; Effect Codes: BEH,MOR.

6. Hone, J. and Kleba, R. (1984). **The Toxicity and Acceptability of Warfarin and 1080 Poison to Penned Feral Pigs.** *Aust.Wildl.Res.* 11: 103-111.

EcoReference No.: 37175

Chemical of Concern: WFN,NaFA; Habitat: T; Effect Codes: MOR,BEH,PHY.

7. Koehler, A. E., Tobin, M. E., and Sugihara, R. T. (1995). **Exploration of Lauric Acid as a Potentiator for Enhancing Warfarin Toxicity to Rats.** *Int.Biodeterior.Biodegrad.* 36: 73-87.

EcoReference No.: 75471

Chemical of Concern: WFN; Habitat: T; Effect Codes: BEH,MOR.

8. Lam, Y. M. (1990). **Evaluation of Four Rodenticidal Dust for the Control of Rattus argentiventer in Rice Fields.** *MARDI (Malays.Agric.Res.Dev.Inst.)Res.J.* 18: 185-189.

EcoReference No.: 75710

Chemical of Concern: WFN,ZNP; Habitat: T; Effect Codes: POP.

9. Mach, J. J., Hygnstrom, S. E., and Poche, R. M. (2002). **Laboratory Efficacy Study of Six Concentrations of Warfarin Bait for Black-Tailed Prairie Dogs.** *Int.Biodeterior.Biodegrad.* 49: 157-162.

EcoReference No.: 66881

Chemical of Concern: WFN; Habitat: T; Effect Codes: MOR,GRO,BEH,PHY.

10. Mayer, F. L. J. and Ellersieck, M. R. (1986). **Manual of Acute Toxicity: Interpretation and Data Base for 410 Chemicals and 66 Species of Freshwater Animals.** *Resour.Publ.No.160, U.S.Dep.Interior, Fish Wildl.Serv., Washington, DC* 505 p. (USGS Data File).

EcoReference No.: 6797

User Define 2: REPS,WASH,CALF,CORE,SENT

Chemical of Concern:

EDT,RSM,SZ,24DXY,ACP,ACR,ADC,ATZ,AZ,BS,Captan,CBF,CBL,CMPH,CPY,Cu,CuS,DBN,DFZ,DMB,DMT,DOD,DPDP,DS,DU,DZ,FO,GYP,HCCH,HXZ,LNR,MBZ,MDT,MLN,MLT,MOM,MP,MTL,Naled,OY Z,PEB,PAQT,PRT,PSM,Folpet,PYN,CYT,DMM,EFS,NAA,NTP,PMR,PPB,TFN,WFN,RTN; Habitat: A; Effect Codes: MOR,PHY.

11. Mount, M. E. and Feldman, B. F. (1983). **Mechanism of Diphacinone Rodenticide Toxicosis in the Dog and Its Therapeutic Implications.** *Am.J.Vet.Res.* 44: 2009-2017.

EcoReference No.: 38049

Chemical of Concern: DPC,WFN; Habitat: T; Effect Codes: BCM,PHY.

12. Osuna, O. and Edds, G. T. (1982). **Toxicology of Aflatoxin B-1, Warfarin, and Cadmium in Young Pigs: Performance and Hematology.** *Am.J.Vet.Res.* 43: 1380-1386.

EcoReference No.: 60431

Chemical of Concern: Cd,WFN; Habitat: T; Effect Codes: GRO,CEL.

13. Pohl, L. R., Porter, W. R., Trager, W. F., Fasco, M. J., and Fenton II, J. W. (1977). **Stereochemical Biotransformation of Warfarin as a Probe of the Homogeneity and Mechanism of Microsomal Hydroxylases.** *Biochem.Pharmacol.* 26: 109-114.

EcoReference No.: 72660

Chemical of Concern: WFN; Habitat: T

14. Shirazi, M. A., Bennett, R. S., and Ringer, R. K. (1994). **An Interpretation of Toxicity Response of Bobwhite Quail with Respect to Duration of Exposure.** *Arch.Environ.Contam.Toxicol.* 26: 417-424.

EcoReference No.: 39583

Chemical of Concern: WFN,DPC,DLD,BDF,CBF,CPY; Habitat: T; Effect Codes: MOR.

15. Townsend, M. G., Fletcher, M. R., Odam, E. M., and Stanley, P. I. (1981). **An Assessment of the Secondary Poisoning Hazard of Warfarin to Tawny Owls.** *J.Wildl.Manag.* 45: 242-247.

EcoReference No.: 54919

Chemical of Concern: WFN; Habitat: T; Effect Codes: BEH,GRO,ACC.

16. Veltmann, J. R. Jr., Ross, E., and Olbrich, S. E. (1981). **The Physiological Effects of Feeding Warfarin to Poultry.** *Poult.Sci.* 60: 2603-2611.

EcoReference No.: 75435

Chemical of Concern: WFN; Habitat: T; Effect Codes: PHY,MOR,BEH,GRO.

ECOTOX only

1. Arora, K. K., Pahwa, R., Lal, S., Srivastava, J. L., and Kumar, A. (1987). **Rodent Control in Commercial Grain Warehouses in India.** *Pesticides (Bombay)* 21: 12-13.

EcoReference No.: 75502

Chemical of Concern: WFN,ZnP,AIP; Habitat: T; Effect Codes: MOR.

2. Balasubramanyam, M., Christopher, M. J., and Purushotham, K. R. (1984). **Laboratory Trials of Three Anticoagulant Rodenticides for Use Against the Indian Field Mouse, Mus booduga Gray.** *J.Hyg.,Camb.* 93: 575-578.

EcoReference No.: 75671

Chemical of Concern: BDF,WFN,BDL; Habitat: T; Effect Codes: MOR.

3. Balasubramanyam, M., Maddaiah, G. P., and Purushotham, K. R. (1988). **Laboratory Evaluation of Anticoagulant Wax Blocks to Control Indian Field-Mouse (Mus booduga).** *Indian J.Agric.Sci.* 58: 330-332.

EcoReference No.: 75634

Chemical of Concern: WFN,BDL,BDF; Habitat: T; Effect Codes: BEH,MOR.

4. Balasubramanyam, M. and Purushotham, K. R. (1988). **The Susceptibility of the Indian Field Mouse Mus booduga Gray to Anticoagulant Rodenticidal Baits.** *Pestic.Sci.* 23: 208-214.

EcoReference No.: 75714

Chemical of Concern: BDL,WFN,BDF; Habitat: T; Effect Codes: MOR.

5. Barker, W. M., Hermodson, M. A., and Link, K. P. (1970). **The Metabolism of 4-C14-Warfarin Sodium by the Rat.** *J.Pharmacol.Exp.Ther.* 171: 307-313.

EcoReference No.: 35740

Chemical of Concern: WFN; Habitat: T; Effect Codes: ACC.

6. Bradfield, A. A. G. and Gill, J. E. (1984). **Laboratory Trials of Five Rodenticides for the Control of Mesocricetus auratus Waterhouse.** *J.Hyg.* 93: 389-394.

EcoReference No.: 75610

Chemical of Concern: BDF,ZnP,WFN; Habitat: T; Effect Codes: MOR.

7. Breckenridge, A. M., Leck, J. B., Park, B. K., Serlin, M. J., and Wilson, A. (1978). **Mechanisms of Action of the Anticoagulants Warfarin, 2-Chloro-3-Phytylnaphthoquinone (Cl-K), Acenocoumarol, Brodifacoum and Difenacoum in the Rabbit.** *Br.J.Pharmacol.* 64: 399P.

EcoReference No.: 75568

Chemical of Concern: BDF,WFN; Habitat: T

8. Brooks, J. E., Htun, P. T., and Naing, H. (1980). **The Susceptibility of Bandicota bengalensis from Rangoon, Burma to Several Anticoagulant Rodenticides.** *J.Hyg.* 84: 127-135.

EcoReference No.: 75713

Chemical of Concern: DPC,WFN,BDF; Habitat: T; Effect Codes: MOR,BEH.

9. Calleja, M. C., Persoone, G., and Geladi, P. (1994). **Comparative Acute Toxicity of the First 50 Multicentre**

Evaluation of In Vitro Cytotoxicity Chemicals to Aquatic Non-Vertebrates. *Arch.Environ.Contam.Toxicol.* 26: 69-78.

EcoReference No.: 13669

User Define 2: ECOTOX MED,WASH,CALF

Chemical of Concern:

24DXY,HCCH,MLN,WFN,PCP,Ba,CTC,PL,SFL,NCTN,LPS,PAQT,As,Cu,CuS,Hg,TI,CF; Habitat: A;

Effect Codes: MOR,PHY.

10. Chawla, R. (1996). **Comparison of Sustained and Weekly Baiting in Field Rodents of Jaipur Region.** *J.Bombay Nat.Hist.Soc.* 93: 287-288.

EcoReference No.: 75443

Chemical of Concern: BDL,WFN; Habitat: T; Effect Codes: POP.

11. Choquenot, D., Kay, B., and Lukins, B. (1990). **An Evaluation of Warfarin for the Control of Feral Pigs.** *J.Wildl.Manag.* 54: 353-359.

EcoReference No.: 75419

Chemical of Concern: WFN; Habitat: T; Effect Codes: POP.

12. Christopher, M. J., Balasubramanyam, M., and Purushotham, K. R. (1984). **Toxicity of Three Anticoagulant Rodenticides to Male Hybrid Leghorns.** *Z.Angew.Zool.* 71: 275-281.

EcoReference No.: 75480

Chemical of Concern: WFN,BDL,BDF; Habitat: T; Effect Codes: PHY,MOR.

13. Fernandez Bernaldo De Quiros, C. (1977). **Estudio Histopatologico Del Rinon De Truchas (Salmo irideus) Intoxicadas Con Warfarina Tecnica. (Histopathological Study of the Kidney of the.** *Bol.R.Soc.Esp.Hist.Nat.Secc.Biol.* 75: 417-425 (SPA) (ENG ABS).

EcoReference No.: 6835

Chemical of Concern: WFN; Habitat: A; Effect Codes: MOR.

14. Fernandez Bernaldo De Quiros, C. (1977). **Histopathological Study of the Liver of the Trout Salmo irideus Intoxicated with Technical Warfarin.** *Bol.R.Soc.Esp.Hist.Nat.Secc.Biol.* 75: 427-438 (SPA) (ENG ABS).

EcoReference No.: 6833

Chemical of Concern: WFN; Habitat: A; Effect Codes: MOR.

15. Fernandez Bernaldo De Quiros, C. (1978). **Toxicity of Technical Coumachlor and of Tomorin on Gambusia-affinis. (Sobre la Toxicidad del Cumaclor Tecnico y del Tomor in en Gambusia affinis).** *Bol.R.Soc.Esp.Hist.Nat.Secc.Biol.* 76: 109-121 (SPA) (ENG ABS).

EcoReference No.: 6464

Chemical of Concern: WFN; Habitat: A; Effect Codes: MOR,CEL.

16. Fraigui, O., Lamnaouer, D., Faouzi, M. Y. A., Cherrah, Y., and Tijjane, M. (2001). **Acute and Chronic Toxicity of Fessoukh, the Resinous Gum of Ferula communis L, Compared to Warfarin.** *Vet.Hum.Toxicol.* 43: 327-330.

EcoReference No.: 75439

Chemical of Concern: WFN; Habitat: T; Effect Codes: MOR,BEH.

17. Gill, J. E. and Redfern, R. (1979). **Laboratory Tests of Seven Rodenticides for the Control of Mastomys natalensis.** *J.Hyg.* 83: 345-352.

EcoReference No.: 75717

Chemical of Concern: BDF,CLC,ZnP,BDL,WFN; Habitat: T; Effect Codes: MOR.

18. Hanumanthaiah, R., Thankavel, B., Day, K., Gregory, M., and Jagadeeswaran, P. (2001). **Developmental Expression of Vitamin K-Dependent gamma-Carboxylase Activity in Zebrafish Embryos: Effect of Warfarin.** *Blood Cells Mol.Dis.* 27: 992-999.

EcoReference No.: 75567

Chemical of Concern: WFN; Habitat: A; Effect Codes: MOR,DVP.

19. Hart, J. A. D., Haynes, B. P., and Kevin Park, B. (1984). **A Study of Factors Which Determine the Pharmacological Response to Vitamin K in Coumarin Anticoagulated Rabbits.** *Biochem.Pharmacol.* 33: 3013-3019.

EcoReference No.: 75488

Chemical of Concern: BDF,WFN; Habitat: T; Effect Codes: PHY.

20. Kammerer, M., Pouliquen, H., Pinault, L., and Loyau, M. (1998). **Residues Depletion in Egg After Warfarin Ingestion by Laying Hens.** *Vet.Hum.Toxicol.* 40: 273-275.

EcoReference No.: 64706

Chemical of Concern: WFN; Habitat: T; Effect Codes: ACC.

21. Kawatsu, H., Kubono, K., and Wakabayashi, T. (1991). **Effect of Oral Administration of Warfarin on Blood Coagulation in the Common Carp.** *Bull.Jpn.Soc.Sci.Fish.(Nippon Suisan Gakkaishi)* 57: 619-622.

EcoReference No.: 19706

Chemical of Concern: WFN; Habitat: A; Effect Codes: CEL.

22. Lilius, H., Isomaa, B., and Holmstrom, T. (1994). **A Comparison of the Toxicity of 50 Reference Chemicals to Freshly Isolated Rainbow Trout Hepatocytes and Daphnia magna.** *Aquat.Toxicol.* 30: 47-60.

EcoReference No.: 16756

User Define 2: ECOTOX MED,WASH,CALF

Chemical of Concern: 24DXY,HCCH,MLN,WFN,CF,Cu,CuS,PAQT,PL,SFL,LPS,PCP,CTC,BA,Hg,Ti;

Habitat: A; Effect Codes: PHY,MOR,CEL.

23. Loeb, H. A. and Kelly, W. H. (1963). **Acute Oral Toxicity of 1,496 Chemicals Force-Fed to Carp.** *U.S.Fish.Wildl.Serv., Sp.Sci.Rep.-Fish.No.471, Washington, D.C.* 124 p.

EcoReference No.: 15898

User Define 2: REPS,WASH,CALF,CORE,SENT

Chemical of Concern: AZ,Captan,CBL,CMPH,HCCH,MLN,Naled,SZ,PNB,ACL,WFN,FUR,DPC,RTN,NaN₃;

Habitat: A; Effect Codes: MOR.

24. Lund, M. (1981). **Comparative Effect of the Three Rodenticides Warfarin, Difenacoum and Brodifacoum on Eight Rodent Species in Short Feeding Periods.** *J.Hyg.* 87: 101-107.

EcoReference No.: 75609

Chemical of Concern: BDF,WFN; Habitat: T; Effect Codes: MOR.

25. MacPhee, C. and Ruelle, R. (1969). **Lethal Effects of 1888 Chemicals upon Four Species of Fish From Western North America.** *Univ.of Idaho Forest, Wildl.Range Exp.Station Bull.No.3, Moscow, ID* 112 p.

EcoReference No.: 15148

User Define 2: REPS,WASH,CALF,CORE,SENT

Chemical of Concern:

PNB,24DXY,Captan,CBL,DOD,HCCH,MLN,NYP,CST,WFN,FUR,Cu,CuS,NaN3,CuCl; Habitat: A;

Effect Codes: MOR,BEH.

26. Mathur, R. P. and Prakash, I. (1980). **Laboratory Evaluation of Anticoagulant-Treated Baits for Control of the Northern Palm Squirrel, *Funambulus pennanti* Wroughton.** *J.Hyg.* 85: 421-426.

EcoReference No.: 37842

Chemical of Concern: WFN,CPC,BDF; Habitat: T; Effect Codes: MOR.

27. NGAZIZAH, Idris, A. G., SHAMSIAH, M., Nasir, M. K., and RADZI, H. (1993). **The Palatability of Three Type Anticoagulant Rodenticides to Rice Field Rats (*Rattus argentiventer*).** *Malays.Agric.J.* 54: 195-199.

EcoReference No.: 75437

Chemical of Concern: BDF,CPC,WFN; Habitat: T; Effect Codes: BEH,MOR.

28. O'Brien, P. H. and Lukins, B. S. (1990). **Comparative Dose-Response Relationships and Acceptability of Warfarin, Brodifacoum and Phosphorus to Feral Pigs.** *Aust.Wildl.Res.* 17: 101-112.

EcoReference No.: 75514

Chemical of Concern: WFN,BDF; Habitat: T; Effect Codes: MOR,BEH.

29. Odum, E. M. and Townsend, M. G. (1976). **The Determination of Warfarin in Animal Tissues by Electron-Capture Gas-Liquid Chromatography.** *Analyst* 101: 478-484.

EcoReference No.: 38178

Chemical of Concern: WFN; Habitat: T; Effect Codes: ACC.

30. 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

User Define 2: REPS,WASH,CALF,CORE,SENT

Chemical of Concern:

24DXY,ACL,ACP,ACR,AQS,ATZ,AZ,BDF,BMC,BML,BMN,BS,BT,Captan,CBF,CBL,CFE,CFE,CLNB,CM PH,CPC,CPY,CTN,CTZ,Cu,CuO,CuS,CYD,CYF,CYP,CYT,DBN,DCNA,DFT,DFZ,DM,DMB,DMM,DMP,D MT,DOD,DPC,DPDP,DS,DU,DZ,DZM,EFL,EFS,EFV,EP,FHX,FMP,FO,Folpet,FPP,FVL,GYP,HCCH,HXZ,I PD,IZP,LNR,MAL,MB,MBZ,MDT,MFX,MFZ,MGK,MLN,MLT,MOM,MP,MTC,MTL,MTM,NAA,Naled,N FZ,NPP,NTP,OXF,OXT,OYZ,PDM,PEB,PHMD,PMR,PMT,PNB,PPB,PPG,PPMH,PQT,PRB,PRT,PSM,PYN, PYZ,RTN,SMM,SMT,SS,SXD,SZ,TBC,TDC,TDZ,TET,TFN,TFR,TMT,TPR,TRB,WFN,ZnP; Habitat: AT; Effect Codes: MOR,POP,PHY,GRO,REP.

31. Park, B. K., Leck, J. B., Wilson, A. C., Serlin, M. J., and Breckenridge, A. M. (1979). **A Study of the Effect of Anticoagulants on [3H] Vitamin K1 Metabolism and Prothrombin Complex Activity in the Rabbit.** *Biochem.Pharmacol.* 28: 1323-1329.

EcoReference No.: 75489

Chemical of Concern: WFN,BDF; Habitat: T; Effect Codes: PHY.

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Chemical of Concern: BDF,WFN; Habitat: T; Effect Codes: MOR.

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Chemical of Concern: WFN; Habitat: T; Effect Codes: BCM.

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User Define 2: REPS,WASH,CALF,CORE,SENT

Chemical of Concern: RSM,AZ,Captan,DBN,DOD,DU,HCCH,MBZ,DMM,EFS,PHMD,WFN; Habitat: A; Effect Codes: MOR.

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EcoReference No.: 39131

Chemical of Concern: WFN; Habitat: T; Effect Codes: GRO,BEH,ACC.

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EcoReference No.: 39424

Chemical of Concern: WFN; Habitat: T; Effect Codes: ACC,PHY.