

ZIRAM
Papers that Were Excluded from ECOTOX

Excluded

1. Initial Submission: Acute Inhalation Toxicity Study in Rats With Methyl Zimate Slurry With Cover Letter Dated 062293. *Epa/ots; doc #88-930000325*.
Rejection Code: INHALE.
2. Initial Submission: Acute Inhalation Toxicity Study With Dimethyldithiocarbamic Acid, Zinc Salt in Rats (Final Report) With Cover Letter Dated 061592 With Attachment. *Epa/ots; doc #88-920004046*.
Rejection Code: INHALE.
3. Initial Submission: Letter From Goodyear Tire & Rubber Co Submitting Two Mutagenicity Studies With Methyl Zimate, One in Salmonella Typhimurium and the Other in E. Coli. *Epa/ots; doc #88-920005224*.
Rejection Code: BACTERIA.
4. Initial Submission: Letter From Rt Vanderbilt Co Inc to Usepa Regarding an Acute Inhalation Study in Rats With Methyl Zimate Slurry With Cover Letter Dated 041393. *Epa/ots; doc #88-930000235*.
Rejection Code: INHALE.
5. Letter Concerning Ntp Testing on Chemical With Attachment. *Epa/ots; doc #fyi-ots-0783-0252*.
Rejection Code: BACTERIA.
6. Letter Concerning Ntp Testing on the Chemical With Enclosures. *Epa/ots; doc #fyi-ots-0783-0251*.
Rejection Code: BACTERIA.
7. Permissible Exposure Levels and Emergency Exposure Guidance Levels for Selected Airborne Contaminants. *Govt reports announcements & index (gra&i), issue 02, 2093*.
Rejection Code: HUMAN HEALTH.
8. Some Carbamates, Thiocarbamates and Carbazides. *Iarc monogr eval carcinog risk chem man. 1976; 12:1-282. [Iarc monographs on the evaluation of carcinogenic risk of chemicals to man]: IARC Monogr Eval Carcinog Risk Chem Man*.
Rejection Code: HUMAN HEALTH.
9. Usepa Status Report: Vancide Mz-96 With Cover Letter. *Epa/ots; doc #8ehq-0890-1045*.
Rejection Code: INHALE.
10. Vancide Mz-96 Acute Inhalation Toxicity Study in the Rat With Cover Letter. *Epa/ots; doc #88-900000215*.
Rejection Code: INHALE.
11. Ziram. *Iarc monogr eval carcinog risks hum. 1991; 53:423-38. [Iarc monographs on the evaluation of carcinogenic risks to humans / world health organization, international agency for research on cancer]: IARC Monogr Eval Carcinog Risks Hum*.
Rejection Code: HUMAN HEALTH.
12. 1993). Ziram, thiram, dithane M-45. *Food and Chemical Toxicology* 31: 1042-293.
Rejection Code: REVIEW.
13. Aaron, J. J. , Kaleel, E. M., and Winefordner, J. D. (Comparative Study of Low Temperature and Room

Temperature Phosphorescence Characteristics of Several Pesticides. *J. Agric. Food chem.* 27(6): 1233-1237 1979 (43 references).

Rejection Code: CHEM METHODS.

14. Abrams, K., Hogan, D. J., and Maibach, H. I. (1991). Pesticide-Related Dermatoses in Agricultural Workers. *Occup med - state of the art rev* 6: 463-492.
Rejection Code: HUMAN HEALTH.
15. Anderson, M. and Barrett, C. (1991). International Conference on Critical Target Genes in Chemical Carcinogenesis Research Triangle Park North Carolina Usa September 10-14 1989. *Environ health perspect* 93: 3-277.
Rejection Code: HUMAN HEALTH.
16. Andrianova, M. M. and Alekseev, I. V. ([Carcinogenic Properties of the Pesticides Sevin, Maneb, Ziram and Zineb]. *Vopr pitan. 1970 nov-dec*; 29(6):71-4. [Voprosy pitaniia]: *Vopr Pitan.*
Rejection Code: NON-ENGLISH.
17. Anon (Implications of Import and Export Policy for 1985-1986. *Pesticides (bombay)*; 19 (9). 1985 (recd. 1986). 21-23.
Rejection Code: HUMAN HEALTH.
18. Anon (1991). Official Plant Protection Agent List With a Plant Protection Device List of the Federal Institute for Plant Protection Vienna Austria Status as of October 31 1990. *Pflanzenschutz (vienna)* 0: 1-78.
Rejection Code: NON-ENGLISH.
19. Anon (1985). Report of the Working Group of the Planning Commission on Pesticides Industry for the Seventh Five Year Plan. *Pesticides (bombay)*; 19 (9). 1985 (recd. 1986). 11-20. 19: 11-20.
Rejection Code: NO TOX DATA.
20. Anonymous (1989). Commonly Used Fungicides and Their Uses. *Pesticides (Bombay)* 23: 20-22.
Rejection Code: NO TOX DATA.
21. Anonymous (General Remarks on Carbamates, Thiocarbamates and Carbazides. *In: iarc monographs on the evaluation of the carcinogenic risk of chemicals to man: some carbamates and carbazides. Vol. 12, lyon, 1976, pp. 23-34.(56 references).*
Rejection Code: REVIEW.
22. Anonymous (1993). Ziram, Thiram, Dithane M-45. *Food Chem.Toxicol.* 31: 1042.
Rejection Code: ABSTRACT.
23. Archibald, S. O. and Winter, C. K. (1990). Pesticides in Our Food Assessing the Risks. *Winter, c. K., J. N. Seiber and c. F. Nuckton (ed.). Chemicals in the human food chain. Xv+276p. Van nostrand reinhold: florence, kentucky, usa London, england, uk. Illus. Maps. Isbn 0-442-00421-4.; 0: 1-50.*
Rejection Code: HUMAN HEALTH.
24. Ardito, G., Bigatti, P., and Lamberti, L. (1997). Increased Frequencies of Sister Chromatid Exchanges and Micronuclei in "in Vitro" Lymphocyte Cultures Treated With the Fungicides Thiram and Ziram. *Journal of biological research (naples)* 73: 1-7.
Rejection Code: HUMAN HEALTH, IN VITRO.
25. Ardito, G., Bigatti, P., and Lamberti, L. (Increased Frequencies of Sister Chromatid Exchanges and Micronuclei in "in Vitro" Lymphocyte Cultures Treated With the Fungicides Thiram and Ziram. *Boll soc ital biol sper. 1997 jan-feb*; 73(1-2):1-7. [Bollettino della societa italiana di biologia sperimentale]: *Boll Soc Ital Biol Sper.*
Rejection Code: HUMAN HEALTH.

26. Assini, R., Fracchiolla, F., Ravalli, C., and Nava, C. ([Allergic Diseases Caused by Pesticides: 3 Case Reports]. *Med lav.* 1994 jul-aug; 85(4):321-6. [La medicina del lavoro]: *Med Lav*.
Rejection Code: HUMAN HEALTH.
27. Atwal, A. S. (1986). Future of Pesticides in Plant Protection. *Seminar on plant protection in the year 2000 ad, new delhi, india, dec. 20-22, 1984. Proc indian natl sci acad part b biol sci* 52: 77-90.
Rejection Code: REVIEW.
28. Bakale, G. and McCreary, R. D. (1992). Response of the Ke Test to Nci-Screened Chemicals: Ii. Genotoxic Carcinogens and Non-Genotoxic Non-Carcinogens. *Carcinogenesis (eynsham)* 13: 1437-1445.
Rejection Code: IN VITRO.
29. Baker, L. W. , Fitzell, D. L., Seiber, J. N., Parker, T. R. , Shibamoto, T., Poore, M. W., Longley, K. E., Tomlin, R. P., Propper, R., and Duncan, D. W. (1996). Ambient Air Concentrations of Pesticides in California. *Environmental science & technology* 30: 1365-1368.
Rejection Code: FATE.
30. Baker, S. E., Ellwood, S. A., Watkins, R., and MacDonald, D. W. (2005). Non-Lethal Control of Wildlife: Using Chemical Repellents as Feeding Deterrents for the European Badger *Meles meles*. *J.Appl.Ecol.* 42: 921-931.
Rejection Code: NO TOX DATA.
31. Beach, E. D. , Fernandez-Cornejo, J., Huang, W. Y., and Uri, N. D. (1995). The Potential Risks of Groundwater and Surface Water Contamination by Agricultural Chemicals Used in Vegetable Production. *Journal of environmental science and health part a environmental science and engineering & toxic and hazardous substance control* 30: 1295-1325.
Rejection Code: FATE.
32. Belov, V. N. , Kuchinskiy, A. L., and Mel'nik, M. L. (Monitoring the Use of Pesticides in Agriculture. *Zdavookhr. Beloruss.* 20(12): 63-65 1974..
Rejection Code: NON-ENGLISH.
33. Benigni, R. (1991). The Ability of Short-Term Tests to Predict Carcinogenicity Can Be Summarized in a Single Index. *J toxicol environ health* 34: 27-38.
Rejection Code: METHODS.
34. Benigni, R. (1989). A Bootstrap Analysis of Four in-Vitro Short-Term Test Performances. *Mutat res* 216: 127-136.
Rejection Code: IN VITRO.
35. Benigni, R. (1990). Rodent Tumor Profiles, Salmonella Mutagenicity and Risk Assessment. *Mutat.Res.* 244: 79-91.
Rejection Code: REFS CHECKED/REVIEW.
36. Benigni, R. (1990). Rodent Tumor Profiles, Salmonella Mutagenicity and Risk Assessment. *Mutat res* 244: 79-92.
Rejection Code: BACTERIA, MODELING.
37. Berger, S. and Cwiek, K. (Nutritional Importance of Pesticides. *Hathcock, j. N. (Ed.). Nutrition: basic and applied science: a series of monographs: nutritional toxicology, vol. Ii. Xv+300p. Academic press: san diego, california, usa; academic press inc. (London) ltd.: London, england, uk. Illus. Isbn 0-12-332602-8; 0 (0). 1987. 281-288.*
Rejection Code: HUMAN HEALTH.
38. Blancas-Espinosa, R., Ancona-AlayÓ, N, A., ArÉ, Valo-LÓ, and Pez, A. (Allergic

- Contact Dermatitis to Socks Presenting as Bleached Rubber Syndrome. *Am j contact dermat.* 2000, jun; 11(2):97-8. [*American journal of contact dermatitis : official journal of the american contact dermatitis society*]: *Am J Contact Dermat.*
Rejection Code: HUMAN HEALTH.
39. Bochkov, N. P. (Genetic Consequences of Exposure to Environmental Agents. *Vestn. Akad. Med. Nauk sssr* (3): 13-19 1981 (18 references).
Rejection Code: NON-ENGLISH.
40. Bonnemain, H. and Dive, D. (1990). Studies on Synergistic Toxic Effects of Copper and Dithiocarbamate Pesticides with the Ciliate Protozoan *Colpidium campylum* (Stokes). *Ecotoxicol.Environ.Saf.* 19: 320-326.
Rejection Code: NO DURATION.
41. Borzsonyi, M. and Pinter, A. (Formation of Carcinogenic N-Nitroso Compounds in Vivo and in the Human Environment. *Magy. Onkol.* 23(3): 171-179 1979 (76 references).
Rejection Code: REVIEW.
42. Briquet, M. ([Effect of Ziram on Mitochondrial Functions]. *Arch int physiol biochim.* 1972, jan; 80(1):181-2. [*Archives internationales de physiologie et de biochimie*]: *Arch Int Physiol Biochim.*
Rejection Code: NON-ENGLISH.
43. Briquet, M. ([Ziram, Preferential Inhibitor of Oxidation and Permeation of Succinate in Yeast Mitochondria]. *Arch int physiol biochim.* 1973, may; 81(2):360-1. [*Archives internationales de physiologie et de biochimie*]: *Arch Int Physiol Biochim.*
Rejection Code: YEAST.
44. Briquet, M., Sabadie-Pialoux, N., and Goffeau, A. (1976). Ziram, a sulfhydryl reagent and specific inhibitor of yeast mitochondrial dehydrogenases. *Archives of Biochemistry and Biophysics* 174: 684-694.
Rejection Code: YEAST.
45. Bromand, B. (On the Problems of Minor Use in Denmark. *Pallutt, w. And h.-H. Schmidt. Mitteilungen aus der biologischen bundesanstalt fuer land- und forstwirtschaft berlin-dahlem, heft 324; (communications from the federal biological institute for agriculture and forestry berlin-dahlem, no. 324); 2nd international symposium on minor uses called by the federal biological research centre for agriculture and forestry, june 11-13, 1996. 145p. Biologische bundesanstalt fuer land- und forstwirtschaft: berlin-dahlem, germany. Isbn 3-8263-3129-x.; 0 (324). 1996. 103-110.*
Rejection Code: REVIEW.
46. Brooks, T. M., Meyer, A. L., and Dean, B. J. (Genotoxicity Studies With a Blend of Zinc Dialkyldithiophosphate Lubricant Additives. *Mutat res.* 1983, nov; 124(2):129-43. [*Mutation research*]: *Mutat Res.*
Rejection Code: BACTERIA.
47. Brotherton, J. (1968). Relative Effectiveness of Different Classes of Fungicides Against *Pityrosporum ovale*. *Br.J.Dermatol.* 80: 749-752.
Rejection Code: YEAST.
48. Brown, M. A. , Kim, I. S., Sasinos, F. I., and Stephens, R. D. (1990). Analysis of Target and Nontarget Pollutants in Aqueous and Hazardous Waste Samples by Liquid Chromatography-Particle Beam Mass Spectrometry. *Brown, m. A. (Ed.). Acs (american chemical society) symposium series, no. 420. Liquid chromatography spectrometry: applications in agricultural, pharmaceutical, and environmental chemistry 197th national meeting, dallas, texas, usa, april 9-14, 1989. Xii+298p. American chemical society: washington, d.c., Usa. Illus. Isbn 0-8412-1740-8.; 0: 198-214.*
Rejection Code: CHEM METHODS.

49. Budnikov, G. K., Toropova, V. F., Ulakhovich, N. A., and Viter, I. P. (Electrochemical Behavior of Dithiocarbamates at the Mercury Electrode. Communication 3. Polarographic Study of Fungicides of the Dithiocarbamate Type in Organic Solvents. *Zh. Anal. Khim.*29(6): 1204-1209; 1974.
Rejection Code: CHEM METHODS.
50. Buklan, A. L. (Acute Poisoning With Ziram. *Sud.-Med. Eksp.* 17(4): 51; 1974.
Rejection Code: HUMAN HEALTH.
51. Cabral, J. Rp (1987). Carcinogenicity of Pesticides. *Costa, I. G., C. L. Galli and s. D. Murphy (ed.). Nato asi (advance science institute) series, series h: cell biology, vol. 13. Toxicology of pesticides: experimental, clinical and regulatory perspectives* Meeting, riva del garda, italy, october 6-15, 1986. Ix+320p. Springer-verlag new york, inc.: Secaucus, new jersey, usa; berlin, west germany. Illus. Isbn 0-387-16093-0; isbn 3-540-16093-0.; 0: 125-146.
Rejection Code: REVIEW.
52. Cabras, P., Angioni, A., Garau, V. L., Minelli, E. V., Cabitza, F., and Cubeddu, M. (1997). Residues of Some Pesticides in Fresh and Dried Apricots. *Journal of agricultural and food chemistry* 45: 3221-3222.
Rejection Code: NO SPECIES (DEAD).
53. Caldas, E. D., ConceiÇ, Ã, O, M. H., Miranda, M. C., De Souza, L. C., and Lima, J. F. (Determination of Dithiocarbamate Fungicide Residues in Food by a Spectrophotometric Method Using a Vertical Disulfide Reaction System. *J agric food chem.* 2001, oct; 49(10):4521-5. [*Journal of agricultural and food chemistry*]: *J Agric Food Chem.*
Rejection Code: NO SPECIES (DEAD) .
54. Campos, J. A. ([Field Experiments With a New Molluscicide (Zinc Dimethyldithiocarbamate Associated With Calcium Carbonate) in Foci of Schistosomiasis in the Paraiba Valley.]. *Rev paul med.* 1962, aug; 61:129-33. [*Revista paulista de medicina*]: *Rev Paul Med.*
Rejection Code: NON-ENGLISH.
55. Cassella, A. R., Cassella, R. J., Garrigues, S., Santelli, R. E., De Campos, R. C., and De La Guardia, M. (Flow Injection-Ftir Determination of Dithiocarbamate Pesticides. *Analyst.* 2000, oct; 125(10):1829-33. [*The analyst*]: *Analyst.*
Rejection Code: CHEM METHODS.
56. Cerezine, P. C., Leite, R. P Jr, and Tsuneta, M. (1992). Effect of Chemical Treatments in the Control of Glomerella Leaf Spot on Apple, in the State of Parana. *Fitopatol bras* 17: 258-267.
Rejection Code: NON-ENGLISH.
57. Chernov, O. V. ([A Case of Occupational Poisoning Due to Zinc Dimethyldithiocarbamate (Zyram)]. *Gig tr prof zabol.* 1968, dec; 12(12):48. [*Gigiena truda i professional'nye zabolevaniia*]: *Gig Tr Prof Zabol.*
Rejection Code: HUMAN HEALTH.
58. Clement, C. R. and Colborn, T. (1992). Herbicides and Fungicides a Perspective on Potential Human Exposure. *Colborn, t. And c. Clement (ed.). Advances in modern environmental toxicology, vol. 21. Chemically-induced alterations in sexual and functional development: the wildlife connection* Meeting, racine, wisconsin, usa, july 26-28, 1991. Xxi+402p. Princeton scientific publishing co. Inc.: Princeton, new jersey, usa. Isbn 0-911131-35-3.; 21: 347-364.
Rejection Code: HUMAN HEALTH.
59. Colborn, T., Vom Saal Fs, and Soto, A. M. (1993). Developmental Effects of Endocrine-Disrupting Chemicals in Wildlife and Humans. *Environmental health perspectives* 101: 378-384.
Rejection Code: REVIEW.
60. Cooley, D. R. and Manning, W. J. (1995). Estimating the Risks and Benefits of Pesticides: Considering the

- Agroecosystem and Integrated Pest Management in the Use of Ebdc Fungicides on Apples. *Environmental pollution* 88: 315-320.
Rejection Code: HUMAN HEALTH.
61. Corsini, E., Viviani, B., Birindelli, S., Gilardi, F., Torri, A., CodecÀ, I, Lucchi, L., Bartesaghi, S., Galli, C. L., Marinovich, M., and Colosio, C. (Molecular Mechanisms Underlying Mancozeb-Induced Inhibition of Tnf-Alpha Production. *Toxicol appl pharmacol.* 2006, apr 15; 212(2):89-98. [Toxicology and applied pharmacology]: *Toxicol Appl Pharmacol.*
Rejection Code: IN VITRO.
 62. Costa, L. G. (1997). Basic Toxicology of Pesticides. *Occupational medicine (philadelphia)* 12: 251-268.
Rejection Code: HUMAN HEALTH.
 63. Counc, S. C. I. Aff Usa (1988). Cancer Risk of Pesticides in Agricultural Workers. *Jama (j am med assoc)* 260: 959-966.
Rejection Code: HUMAN HEALTH.
 64. Crueger, G. and Brammeier, H. (Developments of Plant Protection in Agriculture and Horticulture: From the Proceedings of the German Plant Protection Service (1950-1997). *Laux, w. (Ed.). Mitteilungen aus der biologischen bundesanstalt fuer land- und forstwirtschaft berlin-dahlem, heft 348. 100 years research in plant protection: information, law, history; (communications from the federal biological institute for agriculture and forestry berlin-dahlem, no. 348. 100 years research in plant protection: information, law, history). 131p.+++Parey buchverlag berlin: berlin, germany. Isbn 3-8263-3202-4.; 0 (348). 1998. 19-62.*
Rejection Code: HUMAN HEALTH.
 65. Dalvi, R. R. (1988). Toxicology of Thiram Tetramethylthiuram Disulfide a Review. *Vet hum toxicol* 30: 480-482.
Rejection Code: HUMAN HEALTH.
 66. Das, K. G. and Thayumanavan, B. (Screening Methods to Identify in Foods Some Common Pesticides Used in India. *J. Sci. Ind. Res.* 34(11): 636-641 1975..
Rejection Code: CHEM METHODS.
 67. De Ferrari M , Artuso, M., Bonassi, S., Bonatti, S., Cavalieri, Z., Pescatore, D., Marchini, E., Pisano, V., and Abbondandolo, A. (1991). Cytogenetic Biomonitoring of an Italian Population Exposed to Pesticides: Chromosome Aberration and Sister-Chromatid Exchange Analysis in Peripheral Blood Lymphocytes. *Mutat res* 260: 105-114.
Rejection Code: HUMAN HEALTH.
 68. De Paris P and Caroldi, S. (1995). In Vitro Effect of Dithiocarbamate Pesticides and of Cana2 Edta on Human Serum Dopamine-Beta-Hydroxylase. *Biomedical and environmental sciences* 8: 114-121.
Rejection Code: HUMAN HEALTH.
 69. Denis, J. M. (1988). Water-Dispersible Granules Technology. *International symposium on crop protection. Meded fac landbouwwet rijksuniv gent* 53: 1543-1558.
Rejection Code: CHEM METHODS.
 70. Department of the Army (1983). Toxicity Data with Attachments on Ziram. *EPA/OTS Doc.#fyi-ots-0883-0252* 13 p. (NTIS/OTS 0000252-1).
Rejection Code: NO TOX DATA.
 71. Deschiens, R. and Floch, H. ([Comparative Study of Molluscacidal Action of Copper and Zinc Dimethyldithiocarbamates With a View to the Prevention of Bilharziasis.]. *Bull soc pathol exot filiales.* 1962 sep-oct; 55:807-15. [Bulletin de la societe de pathologie exotique et de ses filiales]: *Bull*

Soc Pathol Exot Filiales.

Rejection Code: NON-ENGLISH.

72. Didenko, G. G. and Gupalovich, T. D. (The Activity of Deoxyribonuclease and Hexokinase in Blood Serum of Mice Exposed to Urethane, and Certain Pesticides. *Vop. Onkol.* 21(1): 57-60 1975..
Rejection Code: IN VITRO.
73. Dolmanova, I. V., Zolotova, G. A., Mazko, T. N., Dymshakova, G. M., and Trunov, P. P. (Kinetic Methods for Determining Trace Amounts of Organosulfur Compounds. *Zh. Anal. Khim.* 32(4): 807-811 1977 (4 references).
Rejection Code: CHEM METHODS.
74. Durham, W. F. (1987). Toxicology of Insecticides Rodenticides Herbicides and Fungicides. *Haley, t. J. And w. O. Berndt (ed.). Handbook of toxicology. Xiv+697p. Hemisphere publishing corp.: New york, new york, usa* Cambridge, england, uk. Illus. Isbn 0-89116-403-0.; 0: 364-383.
Rejection Code: HUMAN HEALTH.
75. Dybing, E., Sanner, T., Roelfzema, H., Kroese, D., and Tennant, R. W. (1997). T25: A Simplified Carcinogenic Potency Index: Description of the System and Study of Correlations Between Carcinogenic Potency and Species/Site Specificity and Mutagenicity. *Pharmacol.Toxicol.* 80: 272-279.
Rejection Code: REFS CHECKED/REVIEW.
76. Dybing, E., Sanner, T., Roelfzema, H., Kroese, D., and Tennant, R. W. (1997). T25: a Simplified Carcinogenic Potency Index: Description of the System and Study of Correlations Between Carcinogenic Potency and Species/Site Specificity and Mutagenicity. *Pharmacology & toxicology* 80: 272-279.
Rejection Code: BACTERIA.
77. Ecobichon, D. J. and Joy, R. M. (1994). Pesticides and Neurological Diseases 2nd Edition. *Ecobichon, d. J. And r. M. Joy. Pesticides and neurological diseases, 2nd edition. Xi+381p. Crc press, inc.: Boca raton, florida, usa* London, england, uk. Isbn 0-8493-4361-5.; 0: Xi+381p.
Rejection Code: HUMAN HEALTH.
78. Edmiston, S. and Maddy, K. T. (1987). Summary of Illnesses and Injuries Reported in California Usa by Physicians in 1986 as Potentially Related to Pesticides. *Vet hum toxicol* 29: 391-397.
Rejection Code: HUMAN HEALTH.
79. Edwards, C. A. and Bohlen, P. J. (1992). The Effects of Toxic Chemicals on Earthworms. *Ware, g. W. (Ed.). Reviews of environmental contamination and toxicology, vol. 125. Ix+186p. Springer-verlag new york, inc.: New york, new york, usa* Berlin, germany. Illus. Maps. Isbn 0-387-97762-7; isbn 3-540-97762-7.; 0: 23-99.
Rejection Code: REVIEW.
80. Eisenbrand, G., Ivankovic, S., Preussmann, R., Schmahl, D., and Wiessler, M. (Some Recent Results on the Chemistry, Formation, and Biological Activity of N-Nitroso Compounds. *Gann monograph cancer res.* 17: 133-143 1975..
Rejection Code: HUMAN HEALTH.
81. Eisenbrand, G., Ungerer, O., and Preussmann, R. (1974). Rapid Formation of Carcinogenic N-Nitrosamines by Interaction of Nitrite with Fungicides Derived from Dithiocarbamic Acid In Vitro Under Simulated Gastric Conditions and In Vivo in the Rat Stomach. *Food Cosmet.Toxicol.* 12: 229-232.
Rejection Code: IN VITRO/MIXTURE.
82. ELF Atochem North America Incorporated (1992). Initial Submission: Letter from ELF Atochem North America to U.S.EPA Re: Toxicity Studies of Ziram Technical (Zinc Dimethyldithiocarbamate)

w/Attachments & Cover Letter Dated 102092. EPA/OTS Doc.#88-920010770 1 p.
(NTIS/OTS0571916).
Rejection Code: PUBL AS.

83. Elmore, E. and Fitzgerald, M. P. (1990). Evaluation of the Bioluminescence Assays as Screens for Genotoxic Chemicals. *Mendelsohn, m. L. And r. H. Albertini (ed.). Progress in clinical and biological research, vol. 340. Mutation and the environment, part d: carcinogenesis* Cleveland, ohio, usa, july 10-15, 1989. Xviii+403p. Wiley-liss: new york, new york, usa; chichester, england, uk. Illus. Isbn 0-471-56796-5.; 0: 379-388.
Rejection Code: BACTERIA.
84. Enikeev, V. K. H. ([Problems of Labor Hygiene in the Production of Ziram]. *Gig tr prof zabol. 1968, apr; 12(4):12-6. [Gigiena truda i professional'nye zabolevaniia]: Gig Tr Prof Zabol.*
Rejection Code: HUMAN HEALTH.
85. Epstein, S. S. and Legator, M. S. (1971). The Mutagenicity of Pesticides Concepts and Evaluation. In: *S.S.Epstein and M.S.Legator (Eds.), The Mutagenicity of Pesticides Concepts and Evaluation, MIT Press* 52-69, 185, 213.
Rejection Code: REFS CHECKED/REVIEW.
86. Eremina, O. Yu (1986). Toxicity of Pesticides for the Chinese Silkworm. *Agrokhimiya* 0: 127-135.
Rejection Code: NON-ENGLISH.
87. Eskes, A. B. , Feichtenberger, E., Sabatini, V., and Prates, H. S. (1985). Evaluation of Fungicides Recommended for the Control of Citrus Scab in the State of Sao-Paulo Brazil. *18th annual meeting of the brazilian phytopathological society, fortaleza, brazil, july 8-12, 1985. Fitopatol bras* 10: 263.
Rejection Code: NON-ENGLISH.
88. Eswaramurthy, S., Pappiah, C. M., David, P. Mm, and Nayagam, P. G. (1989). Evaluation of Insecticide/Acaricide/Fungicide Mixtures in the Control of Chilli Diseases. *Pesticides (bombay)* 23: 49-51.
Rejection Code: MIXTURE.
89. Everett, W. R. and Rechnitz, G. A. (1999). Enzyme-Based Electrochemical Biosensors for Determination of Organophosphorous and Carbamate Pesticides. *Analytical letters* 32: 1-10.
Rejection Code: METHODS.
90. Fahrig, R. (1974). Comparative Mutagenicity Studies with Pesticides. *IARC Sci.Publ.* 10: 161-181.
Rejection Code: REVIEW.
91. Favennec, M. J. and Favennec, F. (Skin Diseases in Agriculture. *Ouest medical* 29(5): 395-402 1976..
Rejection Code: HUMAN HEALTH.
92. Fernandez, C., Reviejo, A. J., and Pingarron, J. M. (1995). Development of graphite-poly(tetrafluoroethylene) composite electrodes Voltammetric determination of the herbicides thiram and disulfiram: Fifth European Conference on Electroanalysis. *Analytica Chimica Acta* 305: 192-199.
Rejection Code: METHODS.
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protein sulfhydryl (npsh) content in hepatocytes to less than 80% of control at a concentration of 10-3
m. Chlorothalonil and ziram were especially effective, reducing npsh content at 10-4 m after 90 min
incubation. Among those pesticides, only copper terephthalate and chlorothalonil were reactive with
glutathione non-enzymatically and enzymatically, respectively. Lipid peroxidation in hepatocytes was
stimulated by four pesticides, namely, chlorothalonil, pretilachlor, ethoprosfos, and metribuzin at 10-3-
10-4 m. Cell viability was considerably decreased following incubation with chlorothalonil,
trichlamide, and ziram. Hepatotoxicity of trichlamide was considered to be associated with its direct
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