

Appendix J

Bibliography of ECOTOX Open Literature Not Evaluated

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.

Excluded

1. 3,4-Dichloroaniline: Predicted and Observed Rates of Loss in Aquatic Systems With Cover Letter. *Epa/ots; doc #878214182.*
Rejection Code: FATE, MODELING.
2. Acute Inhalation Studies Using 3,4-Dichloroaniline. *Epa/ots; doc #878221295.*
Rejection Code: INHALE.
3. Acute Inhalation Toxicity Study Using 3,4-Dichlorobenzeneamine With Cover Letter Dated 020483. *Epa/ots; doc #878221294.*
Rejection Code: INHALE.
4. Aqueous Solubility of 3,4-Dichloroaniline. *Epa/ots; doc #878211035.*
Rejection Code: FATE.
5. Attempt to Classify Pesticides According to Toxicity for Fresh Water Fish. Au - Lakota S. *Gaz woda tech. Sanit.48(8): 270-271; 1974.*
Rejection Code: NON-ENGLISH, REVIEW.
6. Auburn Reproductive Health Survey With Cover Letter Dated 020888. *Epa/ots; doc #88-880000029.*
Rejection Code: HUMAN HEALTH.
7. The Biodegradability of 3-Chloro-4-Fluoroaniline and 3,4- Dichloroaniline. *Epa/ots; doc #878210119.*
Rejection Code: FATE.
8. Biodegradation of 3,4-Dichloroaniline and Dieldrin by White-Rot Fungi in Liquid Culture With Cover Sheet and Letter Dated 013091. *Epa/ots; doc #86-910000704.*
Rejection Code: FATE.
9. The Determination of 3,4-Dichloroaniline (3,4-Dca) in Water by High Performance Liquid Chromatography (Hplc). *Epa/ots; doc #878211356.*
Rejection Code: CHEM METHODS.
10. 1997). Dynex Technologies Stand D 50 Automate analyseur complet pour microplaques. *Biofutur 1997: 48-96.*
Rejection Code: NON-ENGLISH, CHEM METHODS.
11. Effects of Toluene Exposure on Auditory Pathways Final Report With Cover Letter 060484. *Epa/ots; doc #40-8450019.*
Rejection Code: INHALE.
12. 1997). Genotoxicity of diuron. *Food and Chemical Toxicology 35: 302-371.*
Rejection Code: REVIEW.
13. High-Pressure Liquid Chromatographic Analysis of Urea Herbicides in Foods. Au - Lawrence Jf. *J. Assoc. Off. Anal. Chem. 59(5): 1066-1070 1976..*
Rejection Code: FOOD.

14. In Vitro Microbial Mutagenicity Studies of 3,4-Dichloroaniline. *Epa/ots; doc #878221313*.
Rejection Code: BACTERIA.
15. Inhalation Median Lethal Concentration (Lc50) of 3,4-Dichloroaniline With Cover Letter. *Epa/ots; doc #878214796*.
Rejection Code: INHALE.
16. Initial Submission: Acute Inhalation Toxicity of 2,4-Dichloroaniline in Rats With Cover Letter Dated 101592. *Epa/ots; doc #88-920010010*.
Rejection Code: INHALE.
17. Initial Submission: Inhalation Class B Poison Test of Benzenamine, 3,4-Dichloro-* in Rats With Cover Letter Dated 081092. *Epa/ots; doc #88-920009256*.
Rejection Code: INHALE.
18. Labeling Tests - Aromatic Amines With Cover Letter Dated 09/29/95 (Sanitized). *Epa/ots; doc #86960000222s*.
Rejection Code: INHALE.
19. List of Aniline Substituted Products Made by Montedison-Acna Organic Chemical Division. *Epa/ots; doc #40-8376127*.
Rejection Code: NO TOX DATA, REVIEW.
20. Methemoglobin Studies on Cats Given Mixed Chloroanilines Percutaneously and Orally (a Condensation). *Epa/ots; doc #878211286*.
Rejection Code: MIXTURE.
21. Mutagenicity Plate Assay: 3,4-Dichloroaniline. *Epa/ots; doc #878211015*.
Rejection Code: BACTERIA.
22. Poluarea Apei Cu Pesticide Si Posibilitate De Indepartare a Acestora in Statiile De Tratare a Apelor De Suprafata. [Water Pollution by Pesticides and the Possibility of Their Removal in Surface Water Treatment Stations.] Au - Zamfir G. *Rev. Ig. 28(2): 97-103 1979 (30 references)*.
Rejection Code: NON-ENGLISH.
23. Puget Sound Pesticide Reconnaissance Survey, 1990. *Govt reports announcements & index (gra&i), issue 02, 2092*.
Rejection Code: FATE.
24. Review of Philadelphia Plant Methemoglobin Data With Cover Letter. *Epa/ots; doc #878212290*.
Rejection Code: REVIEW.
25. Salmonella Mutagenicity Assay With 3,4-Dichloroaniline (Cp 9486). *Epa/ots; doc #878211034*.
Rejection Code: BACTERIA.
26. Salmonella Mutagenicity Assay With Cp 9486. *Epa/ots; doc #40-8176364*.
Rejection Code: BACTERIA.
27. Skin Acnegenesis by Inhalation Exposure to 3,4-Dichloroaniline With Tcab. *Epa/ots; doc #878221306*.
Rejection Code: INHALE.
28. 1982). Skin Acnegenesis (Dow Method). *Epa/ots; doc #878220272 NTIS/OTS0215025*.
Rejection Code: HUMAN HEALTH.
29. Skin Acnegenesis (Dow Method) in Rabbits With 3,3',4,4'-Tetrachloroazobenzene and Other Chemicals.

Epa/ots; doc #86-870000961.
Rejection Code: HUMAN HEALTH.

30. Soil Percolation Studies With Wl.17,731, Wl.21,893 and 3,4-Dichloroaniline. *Epa/ots; doc #878210114.*
Rejection Code: FATE.
31. 1987). Studies on Side Effect on Soil Nematodes of Pesticides Used in Agroecosystems Au - Kozłowska J. *Wiad
ekol* 33: 367-378.
Rejection Code: NON-ENGLISH.
32. Subchronic Inhalation Toxicity of 3,4-Dichloroaniline With Cover Letter Dated 100686. *Epa/ots; doc #40-
8676348.*
Rejection Code: INHALE.
33. Subchronic Inhalation Toxicity of 3,4-Dichloroaniline With Cover Letter Dated 100687. *Epa/ots; doc
#8687000003.*
Rejection Code: INHALE.
34. Telephone Communication: From Monsanto Co to Usepa. *Epa/ots; doc #40-8376130.*
Rejection Code: FATE.
35. Two-Week Inhalation Toxicity Study Using 3,4-Dichloroaniline. *Epa/ots; doc #878221296.*
Rejection Code: INHALE.
36. AÏ, T-aÏ, Ssa, S., Porcher, J., Arrigo, A., LambrÉ, and C (Activation of the Hsp70 Promoter
by Environmental Inorganic and Organic Chemicals: Relationships With Cytotoxicity and
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of psychoactive drugs]: J Psychoactive Drugs.*
Rejection Code: HUMAN HEALTH.
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of Doses From ¹³⁷cs and ²¹⁰po in Marine Food: a Major International Study. *Journal of
environmental radioactivity* 34: 69-90.
Rejection Code: SURVEY.
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Demethylation by **Mammalian Hepatic Microsomes** and Cdna-Expressed Human Cytochrome P450
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116(12): 555-559 1975.*
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Replication in Plants**. *Virology. 2002, apr 10; 295(2):307-19. [Virology]: Virology.*

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42. Abeliovich, A. and Shilo, M. (Photooxidative Death in Blue-Green Algae. *J bacteriol.* 1972, sep; 111(3):682-9. [*Journal of bacteriology*]: *J Bacteriol.*
Rejection Code: NO TOXICANT.
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46. Addison, D. A. and Bardsley, C. E. (1968). Chlorella vulgaris Assay of the Activity of Soil Herbicides. *Weed Sci.* 16: 427-429.
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